

CURRICULUM VITAE

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 MALAYSIA

[Curriculum Vitae](#)

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ACADEMIC QUALIFICATION					
No	Academic Level	Field of study	Qualification Text	Institution	Year Awarded
1.	Expert Training	PERUBATAN	MRCP	ROYAL COLLEGE OF PHYSICIANS, UNITED KINGDOM	31/07/1985
2.	Bachelor Degree	MEDICINE AND SURGERY	MBBS (UM)(1980)	UNIVERSITY OF MALAYA (UM)	21/06/1980

CAREER HISTORY					
No	Employment	Employment Field	Organisation	Start Date	End Date
1.	PROFESSIONAL SERVICES (MED/DENTAL/LAW)	Associate Professor	University of Malaya	1993-05-02	2000-01-19
2.	PROFESSIONAL SERVICES (MED/DENTAL/LAW)	Lecturer	University of Malaya	1985-08-10	1993-05-01
3.	PROFESSIONAL SERVICES (MED/DENTAL/LAW)	PEGAWAI PERUBATAN	HOSPITAL UNIVERSITI	1981-06-08	1985-08-09
4.	PROFESSIONAL SERVICES (MED/DENTAL/LAW)	DOKTOR PELATIH	HOSPITAL UNIVERSITI	1980-06-01	1981-05-31

AREAS OF SPECIALIZATION				
No	Main Areas	Sub Areas	Area (Specialization)	Keywords
1.	Applied Sciences And Technologies	LAIN-LAIN	Respiratory Medicine	

RESEARCH PROJECT – Generate From RGMS System				
No	Project Title	Project Duration	Researcher	Total Allocation
1.	Squamous Cell Carcinoma (ScC) Of The Lung In Smokers And Never Smokers : Clinicopathological Characteristics And Epidermal Growth Factor Receptor (Egfr) Mutations (P0053-2013B)	03/03/2014 to 02/03/2015	<ul style="list-style-type: none"> Prof. Dr. Liam Chong Kin (PI) 	4,920.00

RESEARCH PROJECT – Generate From RGMS System				
No	Project Title	Project Duration	Researcher	Total Allocation
2.	Geran Sanjungan Penyelidikan Mo029–2013 (MO029–2013)	01/07/2013 to 31/12/2015	<ul style="list-style-type: none"> Prof. Dr. Liam Chong Kin (PI) 	700.00
3.	EPIDERMAL GROWTH FACTOR RECEPTOR (EGFR) MUTATIONS WITH NON-SMALL CELL LUNG CANCER (NSCLC) (RG226–10HTM)	28/04/2010 to 27/04/2011	<ul style="list-style-type: none"> Prof. Dr. Liam Chong Kin (PI) 	70,000.00

RESEARCH PROJECT – ON GOING					
No	Title	Source and Amount of Financial Assistance	Duration	Role	Research Objective
1.	A Randomized, Open Label, Phase III Study of Overall Survival Comparing Pembrolizumab (MK– 3475) versus Platinum Based Chemotherapy in Treatment Na'ive Subjects with PD-LI Positive Advanced or Metastatic Non-Small Cell Lung Cancer (2015 – 2018)	Merck Sharp & Dohme (RM1,241,103.00)	2015 – 2018	Principal Investigator(PI)	To study of the overall survival comparing pembrolizumab (MK–3475) versus platinum-based chemotherapy in treatment naive patients with PD- LI positive advanced or metastatic non-small cell lung cancer
2.	A Phase Ib/II Multicenter, Randomized, Open Label Trial to Compare MSC2156119J Combined with Gefitinib Versus Chemotherapy as Second-line Treatment in Subjects with MET Positive, Locally Advanced or Metastatic Nonsmall Cell Lung Cancer (NSCLC) Harboring EGFR Mutation and Having Acquired Resistance to First-line Gefitinib (2015– 2018)	Merck Serono (RM828,588.00)	2015 – 2018	Principal Investigator(PI)	MSC2156119J is a potent, highly selective c-Met inhibitor with a favorable pharmacokinetic (PK) profile in humans allowing once daily dosing. It inhibits growth and induces regressions of hepatic growth factor (HGF)-dependent and HGF- independent susceptible tumor models To evaluate whether the efficacy in terms of progression free survival (PFS) in T790M positive/indeterminate or negative subpopulation treated with second-line MSC2156119J in combination with gefitinib is superior to pemetrexed+cisplatin in subjects with MET+ advanced NSCLC harboring an epidermal growth factor receptor (EGFR) mutation and having acquired resistance to first-line gefitinib.

RESEARCH PROJECT – ON GOING					
No	Title	Source and Amount of Financial Assistance	Duration	Role	Research Objective
3.	A phase III, multicenter, randomized, double blind, placebo controlled study evaluating the efficacy and safety of canakinumab versus placebo as adjuvant therapy in adult subjects with stages AJCC/UICC v. 8 IIIIA and IIIB (T>5cm N2) completely resected (R0) nonsmall cell lung cancer (NSCLC)	Private Funding (RM342,895.00)	2018 – 2020	Principal Investigator(PI)	This is a multicenter, randomized, double blind, placebo-controlled study evaluating the efficacy and safety of canakinumab versus placebo as adjuvant therapy in adult subjects with stages AJCC/UICC v. 8 II –IIIA and the subset of IIIB with (T>5cm N2 disease) completely resected (R0) non – small cell lung cancer (NSCLC)
4.	Genetic profiling and Linkage analysis of Chromosome 5q31–33 cytokines and their association with plasma IgE levels in Malaysian asthmatics	Exploratory Research Grant Scheme (ERGS) (RM131,000.00)	2015 – 2018	Co-Investigator	General Objective: To study the relationship between the SNPs of Chromosome 5q31–33 cytokines and to establish the difference in allelic, genotype and haplotype frequencies of healthy and asthmatics Malaysians. Specific Objectives: 1)To determine the distribution of IL-6, IL-9, IL-12 and TGF-β1 gene polymorphisms in Malaysian asthmatic patients 2)To compare IL-6, IL-9, IL-12 and TGF-β1 gene polymorphisms between asthmatic and healthy individuals. 3)To determine the linkage disequilibrium and haplotype frequencies of IL-6, IL-9, IL-12 and TGF-β1 genes polymorphisms 4)To determine the association between IL-6, IL-9, IL-12 and TGF-β1 polymorphisms and haplotype combinations with IgE levels with risk of asthma 5) To determine the interaction between IL-6, IL-9, IL-12 and TGF-β1 polymorphisms and haplotype combinations with the risk of asthma
5.	CANCER AND ITS ECONOMIC IMPACT ON HOUSEHOLDS IN THE ASEAN COUNTRIES	ROCHE educational grant (RM50,000.00)	2012 – 2016	Co-Investigator	To assess the impact of different cancer types on quality of life, household income and social outcomes across ASEAN countries. The main objectives are to assess in the ASEAN communities: 1. The economic impact of cancer on households 2. Variation in the management and the costs of hospital and non-hospital treatment for cancer 3. The impact of cancer on quality of life

RESEARCH PROJECT – ON GOING					
No	Title	Source and Amount of Financial Assistance	Duration	Role	Research Objective
6.	PREVALENCE AND RISK FACTORS OF OBSTRUCTIVE SLEEP APNEA (OSAS) IN ADULT MALAYSIAN MEN AND WOMEN	MINISTRY OF HEALTH MALAYSIA – NIH GRANT (RM229,000.00)	2009 – 2011	Co- Investigator	(I) TO DETERMINE THE PREVALENCE OF OBSTRUCTIVE SLEEP APNEA SYNDROME (OSAS) IN MALAYSIAN ADULTS (II) TO IDENTIFY RISK FACTORS FOR OSAS IN MALAYSIAN ADULTS (III) TO ESTIMATE THE DISEASE BURDEN OF OSAS IN MALAYSIA
7.	Establishing the clinical role of low dose HRCT protocol in the diagnosis and follow-up of pulmonary tuberculosis	Short Term Research Fund (Vote F) (PJP) (RM20,000.00)	2007 – 2009	Co- Investigator	
8.	Sensitivity Of Maximum Intensity Projection (Mip) Vs Volume Rendering (Vr) In Detection Of Metastatic Pulmonary Nodules	Short Term Research Fund (Vote F) (PJP) (RM25,000.00)	2008 – 2010	Co- Investigator	MAIN OBJECTIVE To compare the sensitivity of MIP and VR in detecting metastatic lung nodules. SPECIFIC OBJECTIVES 1. To correlate number, location and size of nodules, with the two different methods of 3D reconstructions. 2. To assess the inter-observer agreement in relation to the size, number and location of these nodules by MIP and VR.

RESEARCH PROJECT – COMPLETED					
No	Title	Source and Amount of Financial Assistance	Duration	Role	Research Result
9.	A phase II study of afatinib in patients with advanced non-small cell lung cancer harbouring HER2 mutations, previously treated with chemotherapy	Private Funding (RM100,000.00)	2017 – 2018	Principal Investigator(PI)	Afatinib did not result in any response in patients with advanced non-small cell lung cancer harbouring HER2 mutations, previously treated with chemotherapy

RESEARCH PROJECT – COMPLETED					
No	Title	Source and Amount of Financial Assistance	Duration	Role	Research Result
10.	The concordance and prognostic value of the cobas EGFR Mutation plasma test in first-line erlotinib therapy from the ENSURE, FASTACT-2 and ASPIRATION studies	Private Funding (RM80,000.00)	2017 – 2018	Co- Investigator	Patients with discordant EGFR (tissue+ /plasma-) mutation status achieved longer progression-free and overall survival than those with concordant (tissue+ /plasma+) mutation status. Tumor burden was significantly greater in patients with concordant versus discordant mutations. Pooled analyses of data from the three studies showed a sensitivity of 72.1% (95% confidence interval [CI] 67.8–76.1) and a specificity of 97.9% (95% CI 96.0–99.0) for blood-based testing; sensitivity was greatest in patients with larger baseline tumors. Conclusions: Blood-based EGFR mutation testing demonstrated high specificity and good sensitivity, and offers a convenient and easily accessible diagnostic method. Patients with a discordant mutation status in plasma and tissue, had improved survival outcomes compared with those with a concordant mutation status, which may be due to their lower tumor burden. These data help to inform the clinical utility of this bloodbased assay for the detection of EGFR mutations.
11.	A Randomized, Placebo-controlled, Double-blind, Multi-center, Phase 2 Study to Assess the Efficacy and Safety of CNTO 6785 in Subjects With Moderate to Severe Chronic Obstructive Pulmonary Disease	Janssen Research & Development (RM109,120.00)	2014 – 2016	Principal Investigator(PI)	There was no significant difference in the primary efficacy endpoint between CNTO 6785 and placebo. CNTO 6785 was generally well tolerated; no major safety signals were detected. PK results suggested that the steady state of serum CNTO 6785 concentration as reached within 16 weeks. These results suggest that IL-17A is unlikely to be a dominant driver in the pathology of, or a viable therapeutic target for, COPD.

RESEARCH PROJECT – COMPLETED					
No	Title	Source and Amount of Financial Assistance	Duration	Role	Research Result
12.	OUTCOME OF PATIENTS WITH LOCALLY ADVANCED OR METASTATIC ADENOCARCINOMA OF THE LUNG TREATED WITH EPIDERMAL GROWTH FACTOR RECEPTOR-TYROSINE KINASE INHIBITORS VERSUS CYTOTOXIC CHEMOTHERAPY IN THE FIRST-LINE SETTING	NONE (RM25,000.00)	2014 – 2015	Principal Investigator(PI)	98 patients with EGFR mutation– positive adenocarcinoma received first–line EGFR–TKI treatment. Of 104 patients who received first–line chemotherapy, 85 (81.7%) patients had EGFR mutation–negative tumours. The median PFS was 6.93 months for those treated with first–line EGFR–TKI while the median PFS was 2.90 months for those treated with first–line chemotherapy (hazard ratio, 0.58; 95% CI, 0.42 – 0.80; p = 0.001). Patients treated with first–line EGFR–TKI had similar median OS (10.40 months) as patients on first– line chemotherapy (10.07 months) (hazard ratio, 0.91; 95% CI, 0.43 – 1.95; p = 0.814). The ORR for those treated with first–line EGFR–TKI (42.9%) was significantly better than the ORR for those treated with first–line chemotherapy (15.4%) (odds ratio, 4.13; 95% CI, 2.12 – 8.03; p
13.	Acceptance of the Accuhaler, a multidose powder inhaler among asthmatic patients: a comparison with the pressurised metered–dose inhaler.	GlaxoSmithKline Pharmaceutical Company (RM10,000.00)	1999 – 2019	Principal Investigator(PI)	Published in ISI journal: Liam CK, Lim KH, Wong CMM. Acceptance of the Accuhaler, a multidose powder inhaler among asthmatic patients: a comparison with the pressurised metered–dose inhaler. Asian Pacific Journal of Allergy and Immunology 2000; 18(3):135–140.
14.	Distribution of lung cancer cell types and patient demography in a developing multiracial Asian country. Lung Cancer 2006; 53(1):23–30.	NONE (RM0.00)	1991 – 1999	Principal Investigator(PI)	Published in ISI journals: 1. Liam CK, Pang YK, Leow CH, Shyamala P, Menon AA. Changes in the distribution of lung cancer cell types and patient demography in a developing multiracial Asian country. Lung Cancer 2006; 53(1):23–30. 2. Liam CK, Lim KH, Wong CMM. Non–small cell lung cancer in very young and very old Malaysian patients. Chest 2002; 121(1):309–10. 3. Liam CK, Lim KH, Wong CMM. Lung cancer in patients younger than 40 years in a multiracial Asian country. Respiriology 2000; 5(4):355–361.

RESEARCH PROJECT – COMPLETED					
No	Title	Source and Amount of Financial Assistance	Duration	Role	Research Result
15.	Use of TISS in a medical intensive care unit	Short Term Research Fund (Vote F)(PJP) (RM5,000.00)	1987 – 1988	Co- Investigator	Published in SCOPUS journal: BA Adam, CK Liam, A Shanizza. Use of TISS in a medical intensive care unit. Medical Journal of Malaysia 1989; 44:134–9.
16.	Culture-positive thoracic empyema in adults.	Short Term Research Fund (Vote F)(PJP) (RM5,000.00)	1988 – 1989	Principal Investigator(PI)	Published in SCOPUS journal: CK Liam, P Rokiah, N Parasakthi, Hamimah H, A M Aljafri, A G Samani. Culture-positive thoracic empyema in adults. Medical Journal of Malaysia 1990; 45(2):169–76.
17.	A review of patients with deep vein thrombosis diagnosed at the University Hospital, Kuala Lumpur	Short Term Research Fund (Vote F)(PJP) (RM5,000.00)	1988 – 1989	Principal Investigator(PI)	Published in ISI journal: CK Liam, SC Ng. A review of patients with deep vein thrombosis diagnosed at the University Hospital, Kuala Lumpur. Annals of Academy of Medicine Singapore 1990; 19(6):37–40.
18.	Sarcoidosis: a review of cases seen at the University Hospital, Kuala Lumpur	Short Term Research Fund (Vote F)(PJP) (RM5,000.00)	1992 – 1992	Principal Investigator(PI)	Published in ISI journal: Liam CK, MA Menon. Sarcoidosis: a review of cases seen at the University Hospital, Kuala Lumpur. Singapore Medical Journal 1993; 34(2):153–6.
19.	Use of pressurised metered dose inhalers among patients attending the Chest Clinic and Primary Care Department of University Hospital, Kuala Lumpur.	Short Term Research Fund (Vote F)(PJP) (RM5,000.00)	1991 – 1992	Principal Investigator(PI)	Published in SCOPUS journal: Liam CK, Lo YL, Yap BH, Low SH, Ariwalagam M. Use of pressurised metered dose inhalers among patients attending the Chest Clinic and Primary Care Department of University Hospital, Kuala Lumpur. Medical Journal of Malaysia 1993; 48(3):273–9.
20.	Squamous cell carcinoma antigen as an adjunct tumour marker in primary carcinoma of the lung.	MOSTI (IRPA) (RM100,000.00)	1992 – 1993	Co- Investigator	Published in ISI journal: Cheah PL, Liam CK, Yap SF, Looi LM. Squamous cell carcinoma antigen as an adjunct tumour marker in primary carcinoma of the lung. Journal of Clinical Pathology 1994; 47(6):535–7.
21.	A portable recording system for the assessment of patients with sleep apnoea syndrome.	NONE (RM0.00)	1995 – 1995	Principal Investigator(PI)	Published in SCOPUS journal: Liam CK. A portable recording system for the assessment of patients with sleep apnoea syndrome. Medical Journal of Malaysia 1996; 51(1):82–88.

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No	Title	Source and Amount of Financial Assistance	Duration	Role	Research Result
22.	An investigation of aeroallergens affecting urban Malaysian asthmatics	MOSTI (IRPA) (RM75,000.00)	1996 – 1997	Co- Investigator	Published in ISI journal: 1. Sam CK, Soon SC, Liam CK, Padmaja K, Cheng HM. An investigation of aeroallergens affecting urban Malaysian asthmatics. Asia Pacific Journal of Allergy and Immunology 1998; 16(1): 17–20. 2. Sam CK, Padmaja K, Liam CK, Soon SC, Lim AL, Ong EK. A study of pollen prevalence in relation to pollen allergy in Malaysian asthmatics. Asia Pacific Journal of Allergy and Immunology 1998; 16(1): 1–4.
23.	Common fears of patients undergoing bronchoscopy. European Respiratory Journal	Short Term Research Fund (Vote F)(PJP) (RM5,000.00)	1997 – 1997	Co- Investigator	Published in ISI journal: Poi PJH, Chuah SY, Srinivas P, Liam CK. Common fears of patients undergoing bronchoscopy. European Respiratory Journal 1998; 11(5):1147– 1149.
24.	Detection of Mycobacterium tuberculosis in bronchoalveolar lavage from patients with sputum smear-negative pulmonary tuberculosis using a polymerase chain reaction assay.	MOSTI (IRPA) (RM90,000.00)	1996 – 1997	Principal Investigator(PI)	Published in ISI journal: Liam CK, Chen YC, Yap SF, Srinivas P, Poi PJH. Detection of Mycobacterium tuberculosis in bronchoalveolar lavage from patients with sputum smear-negative pulmonary tuberculosis using a polymerase chain reaction assay. Respirology 1998; 3(2):125–129.
25.	Awareness of the ozone layer and acceptance of a CFC-free pressurised metered dose inhaler among asthmatic patients.	3M Pharmaceutical Company (RM8,000.00)	1997 – 1997	Principal Investigator(PI)	Published in ISI Journal: Liam CK, Lim KH. Awareness of the ozone layer and acceptance of a CFC-free pressurised metered dose inhaler among asthmatic patients. International Journal of Tuberculosis and Lung Disease 1998; 2(8):683–689.
26.	Hypercalcaemia in patients with newly diagnosed tuberculosis in Malaysia.	Short Term Research Fund (Vote F)(PJP) (RM5,000.00)	1996 – 1997	Principal Investigator(PI)	Published in ISI journal: Liam CK, Lim KH, Srinivas P, Poi PJH. Hypercalcaemia in patients with newly diagnosed tuberculosis in Malaysia. International Journal of Tuberculosis and Lung Disease 1998; 2(10):818–823.

RESEARCH PROJECT – COMPLETED					
No	Title	Source and Amount of Financial Assistance	Duration	Role	Research Result
27.	Causes of pleural exudates in a region with a high incidence of tuberculosis	Short Term Research Fund (Vote F)(PJP) (RM5,000.00)	1995 – 1998	Principal Investigator(PI)	Published in ISI journals: 1. Liam CK, Lim KH, Wong CMM. Causes of pleural exudates in a region with a high incidence of tuberculosis. <i>Respirology</i> 2000; 5(1):33–38. 2. Liam CK, Lim KH, Wong CMM. Differences in pleural fluid characteristics, white cell count and biochemistry of tuberculous and malignant pleural effusions. <i>Medical Journal of Malaysia</i> 2000; 55(1):21–28. 3. Liam CK, Lim KH, Wong CMM. Tuberculous pleurisy as a manifestation of primary and reactivation disease in a region with a high prevalence of tuberculosis. <i>International Journal of Tuberculosis and Lung Disease</i> 1999; 3(9):816–822. 4. Liam CK, Lim KH, Wong CMM. Tuberculous pleurisy as a manifestation of primary and reactivation disease in a region with a high prevalence of tuberculosis. <i>International Journal of Tuberculosis and Lung Disease</i> 1999; 3(9):816–822.
28.	Bleomycin and oxytetracycline sclerotherapy for malignant pleural effusions.	Short Term Research Fund (Vote F)(PJP) (RM5,000.00)	2008 – 2009	Principal Investigator(PI)	Published in SCOPUS Journal: Liam CK, Lim KH, Wong CMM. Bleomycin and oxytetracycline sclerotherapy for malignant pleural effusions. <i>Medical Journal of Malaysia</i> 2000; 55(2): 283–284.
29.	Intravenous followed by oral ofloxacin in the treatment of community acquired lower respiratory tract infections in adults requiring hospitalisation.	Daiichi Pharmaceutical Comapny (RM75,000.00)	2008 – 2009	Principal Investigator(PI)	Published in SCOPUS journal: Liam CK, Aziah AM, Lim KH, Wong CMM. Intravenous followed by oral ofloxacin in the treatment of community acquired lower respiratory tract infections in adults requiring hospitalisation. <i>Medical Journal of Malaysia</i> 2000; 55(3):304– 307.
30.	Awake respiratory function in patients with the obstructive sleep apnoea syndrome	NONE (RM0.00)	2010 – 2010	Principal Investigator(PI)	Published in SCOPUS journal: Liam CK, Lim KH, Wong CMM, Lau WM, Tan CT. Awake respiratory function in patients with the obstructive sleep apnoea syndrome. <i>Medical Journal of Malaysia</i> 2001, 56(1):10–17.

RESEARCH PROJECT – COMPLETED					
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31.	Relationship between symptoms and objective measures of airway obstruction in asthmatic patients.	Short Term Research Fund (Vote F)(PJP) (RM5,000.00)	2009 – 2010	Principal Investigator(PI)	Published in ISI journal: Liam CK, Goh CT, Isahak M, Lim KH, Wong CMM. Relationship between symptoms and objective measures of airway obstruction in asthmatic patients. Asian Pacific Journal of Allergy and Immunology 2001; 19(2):79–83.
32.	Critical thinking development in a hybrid problem-based learning programme	Short Term Research Fund (Vote F)(PJP) (RM10,000.00)	2001 – 2002	Co-Investigator	Published in SCOPUS journal: Azila NMA, Tan NH, Sim SM, Rosnah I, Liam CK, Atiya AS. Critical thinking development in a hybrid problem-based learning programme. Journal of Medical Education 2003; 7:306–312.
33.	Tuberculin skin testing among healthcare workers in the University of Malaya Medical Centre, Kuala Lumpur, Malaysia	Short Term Research Fund (Vote F)(PJP) (RM8,000.00)	2000 – 2001	Co-Investigator	Published in ISI journal: Tan LH, Kamarulzaman A, Liam CK, Lee TC. Tuberculin skin testing among healthcare workers in the University of Malaya Medical Centre, Kuala Lumpur, Malaysia. Infect Control Hosp Epidemiol 2002; 23(10):584–90.
34.	The direct cost of treating bronchial asthma in a teaching hospital in Malaysia	Short Term Research Fund (Vote F)(PJP) (RM5,000.00)	2000 – 2001	Co-Investigator	Published in ISI Journal: Chan PWK, Hussain S, Ghani NH, DeBruyne JA, Liam CK. The direct cost of treating bronchial asthma in a teaching hospital in Malaysia. Southeast Asian Journal of Tropical Medicine and Public Health 2002; 33(3):600–603.
35.	The causes of haemoptysis in Malaysian patients aged over 60 and the diagnostic yield of different investigations	Short Term Research Fund (Vote F)(PJP) (RM5,000.00)	2001 – 2002	Co-Investigator	Published in ISI journal: Wong CMM, Lim KH, Liam CK. The causes of haemoptysis in Malaysian patients aged over 60 and the diagnostic yield of different investigations. Respirology 2003; 8(1):65–68.
36.	Sensitization profiles of Malaysian and Singaporean subjects to allergens from Dermatophagoides pteronyssinus and Blomia tropicalis.	MOSTI (IRPA) (RM100,000.00)	2001 – 2002	Co-Investigator	Published in ISI journal: Yeoh SM, Kuo IC, Wang DY, Liam CK, Sam CK, De Bruyne JA, Lee BW, Cheong N, Chua KY. Sensitization profiles of Malaysian and Singaporean subjects to allergens from Dermatophagoides pteronyssinus and Blomia tropicalis. International Archives of Allergy and Immunology 2003; 132(3):215–220.

RESEARCH PROJECT – COMPLETED					
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37.	Skin Prick test reactivity in patients with asthma with and without allergic rhinitis	Short Term Research Fund (Vote F)(PJP) (RM6,000.00)	2001 – 2001	Principal Investigator(PI)	Published in ISI journal: Liam CK, Loo KL, Wong CMM, Lim KH, Lee TC. Skin prick test reactivity to common aeroallergens in asthmatic patients with and without rhinitis. <i>Respirology</i> 2002; 7(4):345–350.
38.	Utility of tumour markers in the diagnosis of neoplastic pleural effusion	Short Term Research Fund (Vote F)(PJP) (RM5,000.00)	2001 – 2002	Co-Investigator	Published in SCOPUS/ISI journal: 1. How SH, Liam CK, Jamalludin AR, Chin SP, Zal AR. Serum cancer antigen 125 in patients with pleural effusions. <i>Medical Journal of Malaysia</i> 2006; 61(5):558–563. 2. How SH, Liam CK, Chin SP, Zal AR. Pleural effusions: the role of commonly available investigations. <i>Singapore Medical Journal</i> 2006; 47(7):609–13.
39.	The effect of the 1997 haze on acute asthma attendance at the University Hospital	Short Term Research Fund (Vote F)(PJP) (RM5,000.00)	1997 – 1998	Principal Investigator(PI)	Presented at: 44. Lim KH, Liam CK, Soe A, Goh E, Saravanamuthu SD, de Bruyne JA. Haze and acute asthma attendance at the emergency department. The 5th Congress of the Asian Pacific Society of Respirology, Sydney, 9–12 October 1998. <i>Respirology</i> 1998; 3 (Supplement): A9–OC5.1.
40.	Community acquired pneumonia in adults requiring hospitalization	Short Term Research Fund (Vote F)(PJP) (RM10,000.00)	1997 – 1999	Principal Investigator(PI)	Published in ISI journal: Liam CK, Lim KH, Wong CMM. Community acquired pneumonia in patients requiring hospitalisation. <i>Respirology</i> 2001; 6(3):259–264.
41.	The role of ⁶⁷ Gallium citrate scintigraphy and high resolution computed tomography as predictors of disease activity in sputum smear-negative pulmonary tuberculosis	Short Term Research Fund (Vote F)(PJP) (RM5,000.00)	1995 – 1996	Principal Investigator(PI)	Published in ISI journal: Lai FM, Liam CK, Paramsothy M, George J. The role of ⁶⁷ Gallium citrate scintigraphy and high resolution computed tomography as predictors of disease activity in sputum smear-negative pulmonary tuberculosis. <i>International Journal of Tuberculosis and Lung Disease</i> 1997; 1(6):563– 569.

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42.	Attitudes and knowledge of newly diagnosed tuberculosis patients regarding the disease, and factors affecting treatment compliance	Short Term Research Fund (Vote F)(PJP) (RM5,000.00)	1994 – 1996	Principal Investigator(PI)	<p>A total of 135 patients with a mean age (+/-SD) of 41.9 (+/-17.4) years (range 15–84 years) were interviewed. The patients had limited understanding and knowledge about tuberculosis. There was a negative correlation between patient age and tuberculosis knowledge score ($r = -0.18$, $P = 0.038$). Patients with tertiary education had better knowledge than the others. Of 118 patients who were followed-up in our chest clinic, 80 (67.8%) completed the prescribed treatment. Compliance with treatment and follow-up was not affected by age, sex, ethnic group, educational level, occupation, extent of knowledge, tuberculosis symptoms, hospitalisation for tuberculosis or duration of the prescribed treatment regimen. There was a trend toward poorer compliance among patients who equated disappearance of tuberculosis symptoms with cure of the disease. CONCLUSIONS: Malaysian patients with newly diagnosed tuberculosis attending a university teaching hospital had misconceptions and limited knowledge about the disease and its treatment. Educational background was an important determinant of a patient's level of knowledge about tuberculosis. Compliance was not affected by patient characteristics. Adequate counselling and education of patients and close relatives on tuberculosis and the necessity for prolonged treatment may help to improve treatment compliance.</p>
43.	Obstructive sleep apnoea the University Hospital, Kuala Lumpur experience	Short Term Research Fund (Vote F)(PJP) (RM5,000.00)	1994 – 1997	Co-Investigator	<p>Presented at scientific meeting: Lau WM, Tan CT, Liam CK. Sleep apnoea syndrome in a Malaysian population. In abstracts of the 29th Malaysia–Singapore Congress of Medicine, 10– 13 August 1995, Free Paper 11.1, page 206.</p>

RESEARCH PROJECT – COMPLETED					
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44.	Delays in the diagnosis and treatment of pulmonary tuberculosis	Short Term Research Fund (Vote F)(PJP) (RM5,000.00)	1994 – 1995	Principal Investigator(PI)	<p>A total of 97 patients with newly diagnosed pulmonary tuberculosis at our hospital were interviewed to study the process of case– finding since the onset of symptoms. Time intervals between onset, first medical consultation and the final diagnosis and commencement of antituberculosis treatment were determined. Demographic and clinical features were evaluated for their effect on these intervals. RESULTS: 36 cases were sputum smear–positive and 61 were smear–negative. Tuberculosis was eventually confirmed in 32 of the smear–negative cases. The medians of patient delay, doctor delay and total delay were 2 weeks, 7 weeks and 12.5 weeks, respectively. The majority of the patients consulted private general practitioners but the diagnosis of tuberculosis was rarely suspected; chest X–ray and sputum examinations were under–utilized. CONCLUSION: To shorten patient delay the public should be educated about the symptoms of tuberculosis and the importance of early medical consultation. Private general practitioners should be more alert to the diagnostic possibility of tuberculosis and refer the patients promptly to the government hospitals for appropriate investigation.</p>
45.	Epidemiology and clinical features of patients with sarcoidosis diagnosed at the University Malaya Medical Centre	Short Term Research Fund (Vote F)(PJP) (RM5,000.00)	2002 – 2002	Principal Investigator(PI)	<p>Presented at scientific meeting: 86. Zal AB Rahim, Liam CK, Wong CMM. Clinical and laboratory patterns of patients with sarcoidosis seen at University Malaya Medical Centre, Kuala Lumpur. Poster presentation 1, Abstract book of the 5th Annual Congress of the Malaysian Thoracic Society, 9 11 August 2002, Kuala Lumpur, page 33.</p>

RESEARCH PROJECT – COMPLETED					
No	Title	Source and Amount of Financial Assistance	Duration	Role	Research Result
46.	Gastroesophageal reflux disease (GERD) in difficult-to-control asthma: prevalence and response to treatment with acid suppressive therapy.	Short Term Research Fund (Vote F)(PJP) (RM5,000.00)	2003 – 2004	Co-Investigator	Published in ISI journal: Wong CH, CJ Chua, Liam CK, Goh KL. Gastroesophageal reflux disease (GERD) in difficult-to-control asthma: prevalence and response to treatment with acid suppressive therapy. <i>Alimentary Pharmacology & Therapeutics</i> 2006; 23(9):1321–7.
47.	Aetiology of community-acquired pneumonia in Malaysia	ScienceFund (RM300,000.00)	2000 – 2002	Principal Investigator(PI)	Published in ISI journal: Liam CK, Pang YK, Leow CH. Pulmonary tuberculosis presenting as community acquired pneumonia. <i>Respirology</i> 2006; 11(6):786–792. Of a total of 346 patients hospitalized for CAP, the aetiological agent was identified in 163 patients (47.1%). <i>M. tuberculosis</i> was isolated in 17 patients (4.9%). Multivariate analysis revealed that the following features were significantly associated with culture-positive PTB: duration of symptoms of more than 2 weeks before hospital admission (odds ratio (OR) 25.10; 95% confidence interval (CI) 4.63–136.05; $P < 0.001$), history of night sweats (OR 5.43; 95% CI 1.10–26.79; $P = 0.038$), chest radiograph showing upper lobe involvement (OR 8.23; 95% CI 1.59–42.53; $P = 0.012$) or cavitory infiltrates (OR 19.41; 95% CI 2.94–128.19; $P = 0.002$), total white blood cell count on admission of $12 \times 10^9/L$ or less (OR 6.28; 95% CI 1.21–32.52; $P = 0.029$) and lymphopenia (OR 4.73; 95% CI 1.08–20.85; $P = 0.040$). CONCLUSION: <i>Mycobacterium tuberculosis</i> was not an uncommon cause of CAP requiring hospitalization in Malaysia. A longer duration of symptoms, history of night sweats, upper lobe involvement, cavitory infiltrates, lower total white blood cell count and lymphopenia were predictive of PTB.

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No	Title	Source and Amount of Financial Assistance	Duration	Role	Research Result
48.	Diagnostic yield of flexible bronchoscopic sampling procedures in lung cancer patients according to the cell type and tumour location.	NONE (RM0.00)	1994 – 2002	Principal Investigator(PI)	Published in ISI journal: Liam CK, Pang YK, Shyamala P. Diagnostic yield of flexible bronchoscopic sampling procedures in lung cancer patients according to the cell type and tumour location. Singapore Medical Journal 2007; 48(7):625–631.
49.	The Inhaled Steroid Treatment As Regular Therapy in Early Asthma (START) study 5-year follow-up: effectiveness of early intervention with budesonide in mild persistent asthma	AstraZeneca Pharmaceutical Company (RM85,000.00)	1997 – 2002	Coordinator	Published in ISI Journal: Busse WW, Pedersen S, Pauwels RA, Tan WC, Chen YZ, Lamm CJ, O'Byrne PM; START Investigators Group (including Liam CK as one of the collaborators). The Inhaled Steroid Treatment As Regular Therapy in Early Asthma (START) study 5-year follow-up: effectiveness of early intervention with budesonide in mild persistent asthma. J Allergy Clinical Immunology 2008; 121:1167–1174. RESULTS: During the full 5-year study period, postbronchodilator FEV(1) percent predicted decreased, irrespective of randomized treatment during the double-blind phase, by an average of 2.22% (SE, 0.15%). However, patients with inhaled budesonide in the double-blind phase had a significantly lower risk (odds ratio, 0.61; P < .001) of a severe asthma-related event during the full 5-year study period than those in the reference group. Moreover, patients in the reference group used more additional asthma medications during both the open-label and double-blind phases. CONCLUSIONS: In mild persistent asthma early intervention with inhaled budesonide was associated with improved asthma control and less additional asthma medication use.

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No	Title	Source and Amount of Financial Assistance	Duration	Role	Research Result
50.	A randomised, double-blind, placebo-controlled parallel group trial assessing the rate of decline of lung function with tiotropium 18 g inhalation capsules once daily in patients with chronic obstructive pulmonary disease (UPLIFT Study)	Boehringer Ingelheim pharmaceutical company (RM75,000.00)	2004 – 2008	Coordinator	Published in ISI journal: Tashkin DP, Celli B, Senn S, Burkhart D, Kesten S, Menjoge S, Decramer M. UPLIFT Study Investigators (including Liam CK as one of the collaborators). A 4-year trial of tiotropium in chronic obstructive pulmonary disease. <i>New England Journal of Medicine</i> 2008; 359:1543–1554. In patients with COPD, therapy with tiotropium was associated with improvements in lung function, quality of life, and exacerbations during a 4-year period but did not significantly reduce the rate of decline in FEV1
51.	Epidermal growth factor receptor mutations in lung adenocarcinoma in Malaysian patients.	AstraZeneca Pharmaceutical Company (RM100,000.00)	2009 – 2011	Principal Investigator(PI)	Published in ISI journal: Liam CK, Wahid MI, Rajadurai P, Cheah YK, Ng TS.(Chong-Kin Liam, Mohamed Ibrahim A Wahid, Pathmanathan Rajadurai, Yoke-Kqueen Cheah, Tiffany Shi-Yeen Ng). Epidermal growth factor receptor mutations in lung adenocarcinoma in Malaysian patients. <i>Journal of Thoracic Oncology</i> 2013; 8(6):766–772.
52.	Molecular analysis of selected genes among Malaysian asthmatics	ScienceFund (RM278,300.00)	2007 – 2009	Co-Investigator	Published in ISI journal: Radhakrishnan A, Raj VL, Tan LK, Liam CK (Ammu Kutty Radhakrishnan, Vijaya Lechimi Raj, Lee- Keng Tan, Chong-Kin Liam). Single nucleotide polymorphism in the promoter of the human interleukin-13 gene is associated with asthma in Malaysian adults. <i>BioMed Research International (Biomed Res Int.)</i> 2013; 2013:981012. doi: 10.1155/2013/981012. Epub 2013 Jun 25 Asthma susceptibility genes are mapped to a region on human chromosome 5q31–q33, which contains a cluster of proinflammatory cytokine genes such as interleukin-13 (IL-13), which is associated with asthma. This study investigated the allele frequencies of two single nucleotide polymorphisms (SNPs) (–1111C>T and 4257C>A) in the IL-13 gene between asthmatics and healthy volunteers as well as

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No	Title	Source and Amount of Financial Assistance	Duration	Role	Research Result
					<p>the relationship between these SNPs and IL-13 production. DNA extracted from buffy coat of asthmatic and control subjects was genotyped using the PCR-RFLP method. Amount of IL-13 produced by mitogen-stimulated peripheral blood leucocytes PBLs (PBLs) was determined by ELISA. The frequencies of the -1111C and 4257G wild-type alleles were 0.52 and 0.55 in asthmatics and were 0.67 and 0.56 in controls. A significant ($P < 0.05$) association was found between genotype and allele frequencies of SNP at position -1111C>T between asthmatic and control groups (OR, 1.810; 95% CI = 1.184 to 2.767; $P < 0.05$). The mitogenstimulated PBLs from asthmatics produced higher amounts of IL-13 production ($P < 0.001$). The 4257GA heterozygous and 4257AA homozygous mutant alleles were associated with higher IL-13 production in asthmatics ($P < 0.05$). Our results show that the -1111T mutant allele are associated with asthma and the 4257A mutant alleles are associated with elevated IL-13 production.</p>

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No	Title	Source and Amount of Financial Assistance	Duration	Role	Research Result
53.	Epidermal growth factor receptor (EGFR) mutations in non-small cell lung cancer	Geran Penyelidikan Universiti Malaya (UMRG) (RM70,000.00)	2010 – 2011	Principal Investigator(PI)	Published in ISI Journal: Liam CK, Leow HR, How SH, Pang YK, Chua KT, Lim BK, Lai NL, Kuan YC, Jayalakshimi P, Pathmanathan R. Epidermal growth factor receptor mutations in non-small cell lung cancers in a multiethnic Malaysian population. Asian Pacific Journal of Cancer Prevention 2014; 15(1):321–326. Results: EGFR mutations were detected in NSCLCs from 55 (36.4%) of a total of 151 patients, being significantly more common in females (62.5%) than in males (17.2%) [odds ratio (OR), 8.00; 95% confidence interval (CI), 3.77–16.98; p<0.001] and in never smokers (62.5%) than in ever smokers (12.7%) (OR, 11.50; 95%CI, 5.08–26.03; p<0.001). Mutations were more common in adenocarcinoma (39.4%) compared to non-adenocarcinoma NSCLCs (15.8%) (p=0.072). The mutation rates in patients of different ethnicities were not significantly different (p=0.08). Never smoking status was the only clinical feature that independently predicted the presence of EGFR mutations (adjusted OR, 5.94; 95%CI, 1.94–18.17; p=0.002). Conclusions: In Malaysian patients with NSCLC, the EGFR mutation rate was similar to that in other Asian populations. EGFR mutations were significantly more common in female patients and in never smokers. Never smoking status was the only independent predictor for the presence of EGFR mutations.
54.	Satisfaction level and asthma control among Malaysian asthma patients on Symbicort maintenance and reliever therapy (SMART) in the primary care setting (SMARTEST Study).	AstraZeneca Pharmaceutical Company (RM50,000.00)	2009 – 2010	Principal Investigator(PI)	Published in ISI journal: Liam CK, Pang YK, Chua CT. Satisfaction level and asthma control among Malaysian asthma patients on Symbicort maintenance and reliever therapy (SMART) in the primary care setting (SMARTEST Study). Asia Pacific Journal of Allergy and Immunology (Asian Pac J Allergy Immunol) 2014 Jun; 32(2):145–52

RESEARCH PROJECT – COMPLETED					
No	Title	Source and Amount of Financial Assistance	Duration	Role	Research Result
55.	Mycobacterium brisbanense species nova isolated from a patient with cavitary chronic lung infection.	High Impact Research (HIR) (RM250,000.00)	2013 – 2013	Co- Investigator	Published in ISI journal: Mau- Ern Poh, Chong-Kin Liam, Kee-Peng Ng, Ruixin Tan. Mycobacterium brisbanense species nova isolated from a patient with cavitary chronic lung infection. Chest 2014; 145(4):858– 860.
56.	Lung cancer staging now and in the future	NONE (RM0.00)	2014 – 2014	Principal Investigator(PI)	Published in ISI journal: Liam CK, Sita Andarini, Pyng Lee, James CM Ho, Ngo Quy Chau, Jamsak Tscheikuna. Lung cancer staging now and in the future. Respirology. 2015 May; 20(4):526–34
57.	Clinical phenotypes and severity of chronic obstructive pulmonary disease	Postgraduate Research Grant(PPP) (RM4,900.00)	2013 – 2014	Co- Investigator	

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No	Title	Source and Amount of Financial Assistance	Duration	Role	Research Result
58.	REcognise Asthma and Link to Symptoms and Experience (REALISE): Asthma burden, disease awareness, usage of inhalers and segmentation of patients with asthma: findings from REALISE Asia	Mundipharma Pharmaceutical Company (RM50,000.00)	2014 – 2014	Co- Investigator	<p>R Methods An online and face-to-face quantitative, questionnaire-based survey of respiratory specialists and primary care physicians was carried out. The questionnaire explored asthma control, management and patient education. Inclusion criteria were >50% of practice time spent on direct patient care; and treated >30 asthma patients/month, of which >60% were aged >12 years.</p> <p>Results Our physicians had 15.9(+6.8) years of practice. They estimated that 53.2% of patients have well-controlled (GINA-defined) asthma (c.f. 17.8% actual) and 68.5% believed that both parties definition of well-controlled asthma were aligned. The initial and follow-up consultations took 16.8(+8.4) and 9.2(+5.3) minutes respectively. Verbal explanation of asthma occurred in 85.1% of initial consultations. While 88.8% of physicians explained the purpose of different inhalers, only 19.9% of patients were able to differentiate them. Physicians perceived 65.1% of patients were adherent to controllers but 13.9% of patients surveyed used them daily. In the past year, 58% of physicians checked patient s inhaler technique, and found 28% of patients were using inhalers incorrectly.</p> <p>Conclusions There is a dichotomy between physicians and patients on well-controlled asthma. While physicians informed patients about asthma and inhaler usage, patients knowledge was sub- optimal. Adherence to controller inhalers remained an issue with physicians overestimating actual usage. A new language for physician-patient interaction through profiling, informational aids and ancillary support can empower the patient and improve treatment outcome.</p>
59.	Lung function test pre- and post-corrective surgery for scoliosis	NONE (RM0.00)	1993 – 1994	Co- Investigator	

RESEARCH PROJECT – COMPLETED					
No	Title	Source and Amount of Financial Assistance	Duration	Role	Research Result
60.	The efficacy and acceptability of a terbutaline powder inhaler in patients with chronic asthma	AstraZeneca Pharmaceutical Company (RM30,000.00)	1991 – 1991	Co- Investigator	
61.	The efficacy and economic benefits of early intravenous to oral switch Augmentin versus parenteral ceftriazone in the treatment of adults with community acquired pneumonia requiring intravenous therapy on admission to hospital	GlaxoSmithKline Pharmaceutical Company (RM50,000.00)	1998 – 1998	Co- Investigator	
62.	A multicentre phase II trial of Taxotere and cisplatin given in combination in patients with metastatic or locally advanced (stages III and IV) non-small cell lung carcinoma	GlaxoSmithKline Pharmaceutical Company (RM50,000.00)	1998 – 1999	Co- Investigator	
63.	A multicentre phase II trial of Taxotere and cisplatin given in combination in patients with metastatic or locally advanced (stages III and IV) non-small cell lung carcinoma	GlaxoSmithKline Pharmaceutical Company (RM50,000.00)	1998 – 1999	Co- Investigator	
64.	A randomised, double-blind, multicentre study to evaluate the effects of adding either montelukast sodium or salmeterol xinafoate to inhaled fluticasone in adult asthmatics (IMPACT)	MerckSharpDohme (RM75,000.00)	1999 – 2000	Co- Investigator	Asthma patients who continue to experience symptoms despite taking regular inhaled corticosteroids represent a management challenge. Leukotrienes play a key role in asthma pathophysiology, and since pro-inflammatory leukotrienes are poorly suppressed by corticosteroids it seems rational to add a leukotriene receptor antagonist (LTRA) when a low to moderate dose of inhaled corticosteroids does not provide sufficient disease control. Long acting 2-agonist (LABA) treatment represents an alternative to LTRAs and both treatment modalities have been shown to provide additional disease control when added to corticosteroid treatment. To compare the relative clinical benefits of adding either a LTRA or a LABA to asthma

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No	Title	Source and Amount of Financial Assistance	Duration	Role	Research Result
					<p>patients inadequately controlled by inhaled corticosteroids, a randomized, double-blind, multi-centre, 48-week study will be initiated at approximately 120 centres throughout Europe, Latin America, Middle East, Africa and the Asia-Pacific region in early 2000. The study will compare the oral LTRA montelukast with the inhaled LABA salmeterol, each administered on a background of inhaled budesonide, on asthma attacks, quality of life, lung function, eosinophil levels, healthcare utilization, and safety, in approximately 1200 adult asthmatic patients. The requirements for study enrolment include a history of asthma, FEV1 or PEFr values between 50% and 90% of the predicted value together with $\geq 12\%$ improvement in FEV1 after β_2-agonist administration, a minimum pre-determined level of asthma symptoms and daily β_2-agonist medication. The study will include a 4-week run-in period, during which patients previously taking inhaled corticosteroids are switched to open-label budesonide (200 μg daily), followed by a 48-week double-blind, treatment period in which patients continuing to experience abnormal pulmonary function and daytime symptoms are randomized to receive montelukast (10 mg once daily) and salmeterol placebo, or inhaled salmeterol (100 μg daily) and montelukast placebo. All patients will continue with inhaled budesonide (200 μg daily). During the study, asthma attacks, overnight asthma symptoms, and morning peak expiratory flow rate will be assessed using patient diary cards; quality of life will also be assessed using an asthma-specific quality-of-life questionnaire. The results of this study are expected to provide physicians with important clinical evidence to</p>

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No	Title	Source and Amount of Financial Assistance	Duration	Role	Research Result
					help them make a rational and logical treatment choice for asthmatic patients experiencing breakthrough symptoms on inhaled corticosteroids.
65.	Efficacy and safety of budesonide/formoterol (Symbicort) Turbuhaler□ as Single Therapy in Patients with mild to moderate asthma. Comparison with Symbicort Turbuhaler and Pulmicort□ Turbuhaler as maintenance therapy, both complemented with Bricanyl□ Turbuhaler (STAY)	AstraZeneca Pharmaceutical Company (RM65,000.00)	2002 – 2003	Co- Investigator	The STAY study showed that Symbicort Turbuhaler SMART significantly reduced severe exacerbations and the need for oral steroids, and improved current asthma control when compared with Symbicort or a four-fold higher maintenance dose of budesonide, both with SABA for relief.
66.	Efficacy of Symbicort Turbuhaler 160/4.5 g as needed versus Oxis 4.5 g as needed and Bricanyl 0.4 mg as needed in adults and adolescents with asthma receiving Symbicort Turbuhaler 160/4.5 g twice daily as maintenance treatment: a 12-month randomized, double-blind, parallel-group, active controlled, Phase IIIB multicentre study (SMILE Study)	AstraZeneca pharmaceutical company (RM80,000.00)	2003 – 2005	Co- Investigator	The SMILE study showed that as-needed Symbicort◆ provides greater protection from asthma exacerbations than as-needed terbutaline or formoterol. Formoterol as needed also significantly reduced the risk and rate of exacerbations compared with as-needed terbutaline, suggesting that both the budesonide and formoterol components of Symbicort◆ play an important role in the efficacy of Symbicort Turbuhaler SMART◆.

RESEARCH PROJECT – COMPLETED					
No	Title	Source and Amount of Financial Assistance	Duration	Role	Research Result
67.	BY217/M2-119: A 12-week, double-blind, randomized study to investigate the effect of 500 g roflumilast tablets once daily versus placebo on pulmonary function in patients with chronic obstructive pulmonary disease: A multicenter, phase III, parallel group clinical study	Takeda pharmaceutical company (RM60,000.00)	2005 – 2007	Co-Investigator	This study demonstrated superiority of roflumilast 500 g od over placebo in improving post-bronchodilator FEV1, the primary efficacy endpoint, among patients with COPD. Roflumilast 500 g was also shown to be superior to placebo in improving pre-bronchodilator FEV1, the key-secondary endpoint. Consistent improvement of pre- and post-bronchodilator FEV6, FVC, FEV1/FVC, PEF, and FEF25-75 confirmed the superiority of roflumilast 500 g over placebo. In total, 66.0% of patients in the roflumilast 500 g od group and 43.5% of patients in the placebo group experienced AEs during the treatment period. However, the number and types of AEs were not unexpected for the patient population under investigation. Most of the AEs were of mild or moderate severity, were assessed as not related or unlikely related to the study medication, and resolved during the study. Analyses of AEs, laboratory variables, ECG, vital signs, and physical examinations did not reveal any new safety findings beyond those already known for roflumilast. The results are consistent with those of previous studies, and support a favorable risk-benefit assessment for roflumilast 500 g od.
68.	A Phase 3B Multicenter, Randomized Double-Blind, Double Dummy, Comparative Trial to Evaluate the Efficacy and Safety of Azithromycin SR (Microspheres Formulation) versus Moxifloxacin for the Treatment of Acute Exacerbation of Chronic Bronchitis (AECB)	Pfizer pharmaceutical company (RM90,000.00)	1999 – 2000	Co-Investigator	Objective: To compare the efficacy, safety, and patient-reported effectiveness of short-course moxifloxacin versus azithromycin for the management of acute exacerbation of chronic bronchitis (AECB) in a primary care setting. ♦ Design: Prospective, multicenter, nonblinded, phase IIIb clinical trial. ♦ Participants: 401 adult patients with signs and symptoms of AECB. ♦ Intervention: Patients randomly received a 5-day oral regimen of either moxifloxacin (400 mg once-daily) or azithromycin (500 mg on day 1, and 250 mg

RESEARCH PROJECT – COMPLETED					
No	Title	Source and Amount of Financial Assistance	Duration	Role	Research Result
					<p>once daily for 4 days). ♦ Outcome measures: Rate of clinical success at followup 14 to 21 days after completion of therapy. Patientreported responses to therapy (time to symptom relief and resumption of normal activities) were assessed by questionnaire. Drug-related adverse events were also assessed. ♦ Results: Clinical resolution at 14 to 21 days was 85% for moxifloxacin- and 81% for azithromycin- treated patients (95% confidence interval, ♦6.0% to 14.0%). Drugrelated adverse events reported in the moxifloxacin and azithromycin groups were 12% and 9%. Patients in the moxifloxacin group reported feeling better significantly faster than did patients in the azithromycin group (P = 0.0236). More moxifloxacin-treated patients (40%; 71 of 176) reported symptomatic relief by day 3 than did azithromycin-treated patients (27%; 45 of 165) (P = 0.012). More moxifloxacin-treated patients (36%; 58 of 163) reported a return to normal activities within 3 days of therapy than did azithromycin-treated patients (26%; 41 of 159). No significant differences were observed in average work time lost. ♦ Conclusions: Short-course moxifloxacin was as effective and safe as azithromycin in the treatment of AECB. Patients treated with moxifloxacin reported faster symptom relief and returned to normal activities more rapidly</p>
69.	A Multinational, Randomized, Double-Blind Study Comparing Afibercept Versus Placebo in Patients Treated with Second-Line Docetaxel after Failure of One Platinum Based Therapy for Locally Advanced or Metastatic Non- Small-Cell Lung Cancer (NSCLC) (VITAL Study)	Sanofi Aventis pharmaceutical company (RM80,000.00)	2009 – 2010	Co-Investigator	<p>Purpose To compare the efficacy of afibercept (ziv-afibercept), a recombinant human fusion protein targeting the vascular endothelial growth factor (VEGF) pathway, with or without docetaxel in platinum-pretreated patients with advanced or metastatic nonsquamous non small-cell lung cancer. Patients and Methods In this international, double-blind, placebo-controlled phase III trial, 913 patients were randomly</p>

RESEARCH PROJECT – COMPLETED					
No	Title	Source and Amount of Financial Assistance	Duration	Role	Research Result
					<p>assigned to (ziv-) aflibercept 6 mg/kg intravenous (IV; n 456) or IV placebo (n 457), both administered every 3 weeks and in combination with docetaxel 75 mg/m². The primary end point was overall survival (OS). Other efficacy outcomes, safety, and immunogenicity were also assessed. Results Patient characteristics were balanced between arms; 12.3% of patients had received prior bevacizumab.</p> <p>(Ziv-)Aflibercept did not improve OS (hazard ratio [HR], 1.01; 95% CI, 0.87 to 1.17; stratified log-rank P .90). The median OS was 10.1 months (95% CI, 9.2 to 11.6 months) for (ziv-)aflibercept and 10.4 months (95% CI, 9.2 to 11.9 months) for placebo. In exploratory analyses, median progression-free survival was 5.2 months (95% CI, 4.4 to 5.6 months) for (ziv-)aflibercept versus 4.1 months (95% CI, 3.5 to 4.3 months) for placebo (HR, 0.82; 95% CI, 0.72 to 0.94; P .0035); overall response rate was 23.3% of evaluable patients (95% CI, 19.1% to 27.4%) in the (ziv-)aflibercept arm versus 8.9% (95% CI, 6.1% to 11.6%; P .001) in the placebo arm. Grade 3 adverse events occurring more frequently in the (ziv-)aflibercept arm versus the placebo arm were neutropenia (28.0% v 21.1%, respectively), fatigue (11.1% v 4.2%, respectively), stomatitis (8.8% v 0.7%, respectively), and hypertension (7.3% v 0.9%, respectively).</p> <p>Conclusion The addition of (ziv-)aflibercept to standard docetaxel therapy did not improve OS. In exploratory analyses, secondary efficacy end points did seem to be improved in the (ziv-)aflibercept arm. The study regimen was associated with increased toxicities, consistent with known anti-VEGF and chemotherapy-induced events.</p>

RESEARCH PROJECT – COMPLETED					
No	Title	Source and Amount of Financial Assistance	Duration	Role	Research Result
70.	Asthma Control and Adherence in Asthma Patients on Maintenance Treatment in Asia	GlaxoSmithKline pharmaceutical company (RM30,000.00)	2012 – 2012	Principal Investigator(PI)	<p>Objectives: To identify patients beliefs or behaviors related to treatment adherence and to assess association between asthma control and adherence in Asian patients with asthma.</p> <p>Methods: We conducted a cross-sectional observational study of adult patients with asthma from specialist clinics in six Asian countries. Patients who were deemed by their treating physicians to require a maintenance treatment with an inhaler for at least 1 year were recruited. Patients completed a 12-item questionnaire related to health beliefs and behaviors, the 8- item Morisky Medication Adherence Scale (MMAS-8), the Asthma Control Test (ACT), and the Standardized Asthma Quality of Life Questionnaire (AQLQ-S).</p> <p>Results: Of the 1054 patients recruited, 99% were current users of inhaled corticosteroids. The mean ACT score was 20.0 4.5 and 64% had well-controlled asthma. The mean MMAS-8 score was 5.5 2.0 and 53% were adherent. Adherence was significantly associated with patients understanding of the disease and inhaler techniques, and with patients acceptance of inhaler medicines in terms of benefits, safety, convenience, and cost (p<0.001 for all). In multivariate analysis, three questions related to patients acceptance of inhaler medicines remained significantly associated with poor adherence, after adjusting for potential confounders: I am not sure inhaler type medicines work well (p 0.001), Taking medicines more than once a day is inconvenient (p 0.002), and Sometimes I skip my inhaler to use it over a longer period (p<0.001).</p> <p>Conclusions: Our study showed that patients acceptance of the benefits, convenience and cost of inhaler medications have a significant impact on treatment adherence in the participating Asian countries.</p>

RESEARCH PROJECT – COMPLETED					
No	Title	Source and Amount of Financial Assistance	Duration	Role	Research Result
71.	A Randomized, Double-blind, Placebo-controlled Study to Evaluate the Long-term Safety and Efficacy of Darbepoetin Alfa Administered at 500 micrograms Once-Every- 3-Weeks in Anemic Subjects With Advanced Stage Non-small Cell Lung Cancer Receiving Multi- cycle Chemotherapy (AMGEN)	AMGEN pharmaceutical company (RM50,000.00)	2013 – 2015	Co-Investigator	Awaiting analysis
72.	ENSURE study – A multiple center, open-label, randomized phase III study to evaluate the efficacy and safety of Erlotinib (Tarceva) versus gemcitabine/cisplatin as the first-line treatment for stage IIIB/IV non-small cell lung cancer (NSCLC) patients with mutations in the tyrosine kinase domain of epidermal growth factor receptor (EGFR) in their tumors	ROCHE Pharmaceutical company (RM100,000.00)	2011 – 2014	Principal Investigator(PI)	Background: The phase III, randomized, open-label ENSURE study (NCT01342965) evaluated first-line erlotinib versus gemcitabine/cisplatin (GP) in patients from China, Malaysia and the Philippines with epidermal growth factor receptor (EGFR) mutation-positive non-small-cell lung cancer (NSCLC). Patients and methods: Patients ≥ 18 years old with histologically/cytologically confirmed stage IIIB/IV EGFR mutation-positive NSCLC and Eastern Cooperative Oncology Group performance status 0-2 were randomized 1:1 to receive erlotinib (oral; 150 mg once-daily until progression/unacceptable toxicity) or GP (G 1250 mg/m ² i.v. day 1 and 8 [3-weekly cycle]; P 75 mg/m ² i.v. day 1, [3-weekly cycle] for up to 4 cycles). Primary endpoint: investigator-assessed progression-free survival (PFS). Other endpoints include objective response rate (ORR), overall survival (OS), and safety. Results: 217 patients were randomized: 110 to erlotinib and 107 to GP. Investigator-assessed median PFS was 11.0 months versus 5.5 months, erlotinib versus GP, respectively (hazard ratio [HR], 0.34, 95% confidence interval [CI], 0.22-0.51; log-rank P < 0.0001). Independent Review Committee-assessed median PFS was consistent (HR, 0.42). Median OS was 26.3 versus 25.5 months, erlotinib versus GP, respectively (HR, 0.91,

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No	Title	Source and Amount of Financial Assistance	Duration	Role	Research Result
					95% CI, 0.63 1.31; log-rank P = .607). ORR was 62.7% for erlotinib and 33.6% for GP. Treatment-related serious adverse events (AEs) occurred in 2.7% versus 10.6% of erlotinib and GP patients, respectively. The most common grade ≥ 3 AEs were rash (6.4%) with erlotinib, and neutropenia (25.0%), leukopenia (14.4%), and anemia (12.5%) with GP. Conclusion: These analyses demonstrate that first-line erlotinib provides a statistically significant improvement in PFS versus GP in Asian patients with EGFR mutation-positive NSCLC.
73.	An Open Label, Randomised, Parallel Group, Multicentre, Phase III Study to Assess Efficacy, Safety and Tolerability of Gefitinib (IRESSA) (250mg tablet) Versus Carboplatin / Paclitaxel Doublet Chemotherapy as First-Line Treatment in Selected Patients with Advanced (Stage IIIB or IV) Non-Small Cell Lung Cancer (NSCLC) in Asia (Iressa Pan-Asia Study – IPASS)	AstraZeneca Pharmaceutical Company (RM250,000.00)	2005 – 2007	Principal Investigator(PI)	Published in New England Journal of Medicine: Abstract BACKGROUND: Previous, uncontrolled studies have suggested that first-line treatment with gefitinib would be efficacious in selected patients with non-small-cell lung cancer. METHODS: In this phase 3, open-label study, we randomly assigned previously untreated patients in East Asia who had advanced pulmonary adenocarcinoma and who were nonsmokers or former light smokers to receive gefitinib (250 mg per day) (609 patients) or carboplatin (at a dose calculated to produce an area under the curve of 5 or 6 mg per milliliter per minute) plus paclitaxel (200 mg per square meter of body-surface area) (608 patients). The primary end point was progression-free survival. RESULTS: The 12-month rates of progression-free survival were 24.9% with gefitinib and 6.7% with carboplatin-paclitaxel. The study met its primary objective of showing the noninferiority of gefitinib and also showed its superiority, as compared with carboplatin-paclitaxel, with respect to progression-free survival in the intention-to-treat population (hazard ratio for progression or death, 0.74; 95% confidence interval [CI], 0.65 to 0.85; P<0.001). In the subgroup of 261

RESEARCH PROJECT – COMPLETED					
No	Title	Source and Amount of Financial Assistance	Duration	Role	Research Result
					<p>patients who were positive for the epidermal growth factor receptor gene (EGFR) mutation, progression-free survival was significantly longer among those who received gefitinib than among those who received carboplatin-paclitaxel (hazard ratio for progression or death, 0.48; 95% CI, 0.36 to 0.64; P<0.001), whereas in the subgroup of 176 patients who were negative for the mutation, progression-free survival was significantly longer among those who received carboplatin-paclitaxel (hazard ratio for progression or death with gefitinib, 2.85; 95% CI, 2.05 to 3.98; P<0.001). The most common adverse events were rash or acne (in 66.2% of patients) and diarrhea (46.6%) in the gefitinib group and neurotoxic effects (69.9%), neutropenia (67.1%), and alopecia (58.4%) in the carboplatin-paclitaxel group.</p> <p>CONCLUSIONS: Gefitinib is superior to carboplatin-paclitaxel as an initial treatment for pulmonary adenocarcinoma among nonsmokers or former light smokers in East Asia. The presence in the tumor of a mutation of the EGFR gene is a strong predictor of a better outcome with gefitinib.</p>
74.	LUX-Lung 3: A randomised, open-label, phase III study of BIBW 2992 versus chemotherapy as first-line treatment for patients with stage IIIB or IV adenocarcinoma of the lung harbouring an EGFR activating mutation	Boehringer Ingelheim Pharmaceutical Company (RM200,000.00)	2009 – 2011	Co-Investigator	<p>Purpose The LUX-Lung 3 study investigated the efficacy of chemotherapy compared with afatinib, a selective, orally bioavailable ErbB family blocker that irreversibly blocks signaling from epidermal growth factor receptor (EGFR/ErbB1), human epidermal growth factor receptor 2 (HER2/ErbB2), and ErbB4 and has wide-spectrum preclinical activity against EGFR mutations. A phase II study of afatinib in EGFR mutation positive lung adenocarcinoma demonstrated high response rates and progression-free survival (PFS). Patients and Methods In this phase III study, eligible patients with stage IIIB/IV lung adenocarcinoma were</p>

RESEARCH PROJECT – COMPLETED					
No	Title	Source and Amount of Financial Assistance	Duration	Role	Research Result
					<p>screened for EGFR mutations. Mutation-positive patients were stratified by mutation type (exon 19 deletion, L858R, or other) and race (Asian or non-Asian) before two-to-one random assignment to 40 mg afatinib per day or up to six cycles of cisplatin plus pemetrexed chemotherapy at standard doses every 21 days. The primary end point was PFS by independent review. Secondary end points included tumor response, overall survival, adverse events, and patient-reported outcomes (PROs). Results A total of 1,269 patients were screened, and 345 were randomly assigned to treatment. Median PFS was 11.1 months for afatinib and 6.9 months for chemotherapy (hazard ratio [HR], 0.58; 95% CI, 0.43 to 0.78; P .001). Median PFS among those with exon 19 deletions and L858R EGFR mutations (n 308) was 13.6 months for afatinib and 6.9 months for chemotherapy (HR, 0.47; 95% CI, 0.34 to 0.65; P .001). The most common treatment-related adverse events were diarrhea, rash/acne, and stomatitis for afatinib and nausea, fatigue, and decreased appetite for chemotherapy. PROs favored afatinib, with better control of cough, dyspnea, and pain. Conclusion Afatinib is associated with prolongation of PFS when compared with standard doublet chemotherapy in patients with advanced lung adenocarcinoma and EGFR mutations.</p>
75.	Helminth infection and asthma in the Orang Asli communities	ScienceFund (RM187,500.00)	2007 – 2009	Co-Investigator	<p>1 ISI paper: Association between Anaemia, Iron Deficiency Anaemia, Neglected Parasitic Infections and Socioeconomic Factors in Rural Children of West Malaysia. Background: Given that micronutrient deficiency, neglected intestinal parasitic infections (IPIs) and poor socioeconomic status are closely linked, we conducted a cross-sectional study to assess the relationship between IPIs and nutritional status of children living in</p>

RESEARCH PROJECT – COMPLETED					
No	Title	Source and Amount of Financial Assistance	Duration	Role	Research Result
					<p>remote and rural areas in West Malaysia.</p> <p>Methods/Findings: A total of 550 children participated, comprising 520 (94.5%) school children aged 7 to 12 years old, 30 (5.5%) young children aged 1 to 6 years old, 254 (46.2%) boys and 296 (53.8%) girls. Of the 550 children, 26.2% were anaemic, 54.9% iron deficient and 16.9% had iron deficiency anaemia (IDA). The overall prevalence of helminths was 76.5% comprising <i>Trichuris trichiura</i> (71.5%), <i>Ascaris lumbricoides</i> (41.6%) and hookworm infection (13.5%). It was observed that iron deficiency was significantly higher in girls ($p = 0.032$) compared to boys. Univariate analysis demonstrated that low level of mother s education (OR = 2.52; 95% CI = 1.38 4.60; $p = 0.002$), non working parents (OR = 2.18; 95% CI = 2.06 2.31; $p = 0.013$), low household income (OR = 2.02; 95% CI = 1.14 3.59; $p = 0.015$), <i>T. trichiura</i> (OR = 2.15; 95% CI = 1.21 3.81; $p = 0.008$) and <i>A. lumbricoides</i> infections (OR = 1.63; 95% CI = 1.04 2.55; $p = 0.032$) were significantly associated with the high prevalence of IDA. Multivariate analysis confirmed that low level of mother s education (OR = 1.48; 95 CI% = 1.33 2.58; $p,0.001$) was a significant predictor for IDA in these children. Conclusion: It is crucial that a comprehensive primary health care programme for these communities that includes periodic de-worming, nutrition supplement, improved household economy, education, sanitation status and personal hygiene are taken into consideration to improve the nutritional status of these children.</p>
76.	Epidermal growth factor receptor (EGFR) mutation in squamous cell carcinoma of the lung	Postgraduate Research Grant(PPP) (RM4,920.00)	2013 – 2014	Principal Investigator(PI)	SCC in 12.4% of our patients was positive for EGFR mutations. The SCC of 25.9% never smokers was EGFR mutation– positive

RESEARCH PROJECT – COMPLETED					
No	Title	Source and Amount of Financial Assistance	Duration	Role	Research Result
77.	STUDY ON THE PREVALENCE OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE (COPD): BURDEN OF DISEASE STUDY	MINISTRY OF HEALTH MALAYSIA – NIH GRANT (RM390,000.00)	2009 – 2011	Co- Investigator	The prevalence of COPD in Malaysia is higher than predicted. The health burden of COPD is high in terms of its impact on quality of life, limitation of activities of daily living, and use of healthcare services.
78.	Identifying the need and designing an intervention for training undergraduate medical students to develop good prescribing skills	Short Term Research Fund (Vote F)(PJP) (RM70,710.00)	2008 – 2009	Co- Investigator	a) The research has helped to raise the awareness of the need to improve this training in our MBBS programme, and steps are being taken to incorporate this intervention into the medical curriculum. b) Parts of the research have been presented in a few international medical education conferences. c) A short report has been published in an ISI-cited journal and other publications are being prepared.

PAPER PRESENTED						
No	Event	Title of Paper Presented	Role	Duration	Organiser	Level
1.	Congress	Systemic lupus erythematosus associated with thrombocytopenia	Presenter	01/08/1985 to 04/08/1985	Academy of Medicine, Malaysia	International
2.	Conference	Primary Hypercoagulable States	Co-author	01/01/1989 to 01/01/1989	Academy of Medicine, Malaysia	National
3.	Conference	Pneumocystis carinii pneumonia in patients with systemic lupus erythematosus	Presenter	01/09/1989 to		
4.	Congress	ICU Management of Tetanus at the University Hospital, Kuala Lumpur: a 12-year review	Co-author	05/10/1989 to 08/10/1989	Academy of Medicine, Malaysia	International
5.	Congress	Culture-positive thoracic empyema in adults	Presenter	05/10/1989 to 08/10/1989	Academy of Medicine, Malaysia	International
6.	Congress	Successful corrective surgery following cardiac arrest secondary to rupture of mitral valve	Co-author	05/10/1989 to 08/10/1989	Academy of Medicine, Malaysia	International
7.	Conference	Pneumocystis carinii pneumonia in patients with systemic lupus erythematosus	Presenter	26/11/1989 to 30/11/1989		International
8.	Conference	Sarcoidosis: a review of cases seen in University Hospital, K.L	Presenter	03/05/1991 to 05/05/1991	Singapore Thoracic Society and Malaysian Thoracic Society	International
9.	Symposium	Management of acute asthma	Invited Speaker	27/10/1991 to 27/10/1991	Malaysian Medical Association, Kuala Terengganu	Terengganu state

PAPER PRESENTED						
No	Event	Title of Paper Presented	Role	Duration	Organiser	Level
10.	Symposium	Bricanyl turbuhaler – the Malaysian experience	Invited Speaker	20/02/1992 to 20/02/1992	Malaysian Thoracic Society	National
11.	Conference	The Efficacy and Acceptability of a Terbutaline Powder Inhaler in Patients with Chronic Asthma	Presenter	01/09/1992 to		
12.	Symposium	Problems in the diagnosis and management of COPD	Invited Speaker	01/11/1992 to 01/11/1992	Perak Malaysian Medical Association and Private Medical Practitioners and Specialists	Taipung district
13.	Congress	The Efficacy and Acceptability of a Terbutaline Powder Inhaler in Patients with Chronic Asthma	Co-author	22/11/1992 to 26/11/1992		International
14.	Workshop	Pathogenesis of asthma	Invited Speaker	06/02/1993 to 06/02/1993	College of General Practitioners of Malaysia	National
15.	Workshop	Pharmacology of asthma medications	Invited Speaker	06/02/1993 to 06/02/1993	College of General Practitioners of Malaysia	National
16.	Congress	Asthma related mortality and near-mortality in University Hospital, Kuala Lumpur	Co-author	16/04/1993 to 18/04/1993	Asthma Association of Malaysia	National
17.	Congress	Do patients use pressurised metered dose inhalers correctly?	Presenter	16/04/1993 to 18/04/1993	Malaysian Asthma Association	National
18.	Workshop	The National Tuberculosis Programme of Malaysia	Invited Speaker	10/05/1993 to 27/06/1993	Research Institute of Tuberculosis, Tokyo, Japan	International
19.	Congress	The Management of Acute Asthma	Invited Speaker	18/08/1993 to 21/08/1993		International
20.	Conference	Nasal continuous positive airway pressure treatment of severe obstructive sleep apnoea syndrome with cor pulmonale	Presenter	01/09/1993 to		
21.	Conference	Squamous cell carcinoma related antigen in primary carcinoma of the lung	Presenter	01/09/1993 to		
22.	Conference	Knowledge of inhaler technique among junior doctors in the Department of Medicine, University Hospital, Kuala Lumpur	Presenter	01/09/1993 to		
23.	Congress	Squamous cell carcinoma related antigen in primary carcinoma of the lung	Co-author	05/10/1993 to 09/10/1993	World Association of Societies of Pathology	International
24.	Congress	Knowledge of inhaler technique among junior doctors in the Department of Medicine, University Hospital, Kuala Lumpur	Presenter	07/10/1993 to 10/10/1993	Asian Pacific Society of Respiriology	International
25.	Congress	Nasal continuous positive airway pressure treatment of severe obstructive sleep apnoea syndrome with cor pulmonale	Presenter	07/10/1993 to 10/10/1993	Asian Pacific Society of Respiriology	International
26.	Seminar	Current management of asthma	Invited Speaker	01/05/1994 to 01/05/1994	Malaysian Society of Otorhinolaryngologists and Head & Neck Surgeons	National

PAPER PRESENTED						
No	Event	Title of Paper Presented	Role	Duration	Organiser	Level
27.	Seminar	Pathophysiology of asthma	Invited Speaker	01/05/1994 to 01/05/1994	Malaysian Society of Otorhinolaryngologists and Head & Neck Surgeons	National
28.	Symposium	An update on the diagnosis and management of COAD	Invited Speaker	03/07/1994 to 03/07/1994	Malaysian Thoracic Society and Malaysian Association for the Prevention of Tuberculosis	National
29.	Congress	An amplification assay for the detection of Mycobacterium tuberculosis DNA in clinical specimens	Co-author	09/10/1994 to 14/10/1994	International Academy of Pathology	International
30.	Conference	Lung cancer cases seen at the University Hospital, Kuala Lumpur	Presenter	13/01/1995 to 14/01/1995	Malaysian Thoracic Society and Singapore Thoracic Society	International
31.	Congress	2nd Combined Scientific Meeting of the Malaysian Thoracic Society and the Singapore Thoracic Society	Event Organiser	13/01/1995 to 13/01/1995	Malaysian Thoracic Society	International
32.	Conference	Sleep apnoea syndrome in a group of Malaysian patients	Presenter	13/01/1995 to 14/01/1995	Malaysian Thoracic Society and Singapore Thoracic Society	International
33.	Conference	Early experience of video-assisted thoracoscopic surgery at the University Hospital, Kuala Lumpur	Co-author	13/01/1995 to 14/01/1995	Malaysian Thoracic Society and Singapore Thoracic Society	International
34.	Congress	Treatment of decompensated hypercapnic respiratory failure due to obstructive sleep apnoea with nasal continuous positive airway pressure	Presenter	21/04/1995 to 24/04/1995		International
35.	Congress	Sleep apnoea syndrome in a Malaysian population	Co-author	10/08/1995 to 13/08/1995	Academy of Medicine, Malaysia and Academy of Medicine, Singapore	International
36.	Congress	Closed pleural biopsy with a disposable cutting needle	Presenter	10/08/1995 to 13/08/1995	Academy of Medicine, Malaysia and Academy of Medicine, Singapore	International
37.	Congress	Evaluation of sleep apnoea with a portable recording device	Presenter	10/08/1995 to 13/08/1995	Academy of Medicine, Malaysia and Academy of Medicine, Singapore	International
38.	Workshop	Asthma and Chronic Obstructive Pulmonary Disease	Event Organiser	10/08/1995 to 10/08/1995	Academy of Medicine, Malaysia	International
39.	Workshop	Airway inflammation and its influence on the clinical presentation of asthma	Invited Speaker	10/08/1995 to 10/08/1995	Academy of Medicine, Malaysia	International
40.	Conference	Lung cancer among Malaysian patients	Presenter	17/10/1995 to 20/10/1995		International
41.	Conference	Sleep apnoea syndrome – the Malaysian experience	Co-author	22/11/1995 to 25/11/1995	Asean Neurological Association	International
42.	Symposium	The Malaysian Thoracic Society Guidelines on the Management of Acute Asthma in Adults	Invited Speaker	24/03/1996 to 24/03/1996	Malaysian Thoracic Society	National
43.	Seminar	Clinical approach to unresolving pneumonia	Invited Speaker	16/06/1996 to 16/06/1996	Malaysian Thoracic Society	National

PAPER PRESENTED						
No	Event	Title of Paper Presented	Role	Duration	Organiser	Level
44.	Congress	Anthropometric correlates of sleep apnoea severity in men	Presenter	23/06/1996 to 27/06/1996	American College of Chest Physicians	International
45.	Congress	Detection of Mycobacterium tuberculosis in bronchial washings from patients with sputum smear-negative pulmonary tuberculosis using a polymerase chain reaction	Presenter	23/06/1996 to 27/06/1996	American College of Chest Physicians	International
46.	Conference	Anthropometric correlates of sleep apnoea severity in men	Presenter	01/09/1996 to		
47.	Conference	Detection of Mycobacterium tuberculosis in bronchial washings from patients with sputum smear-negative pulmonary tuberculosis using a polymerase chain reaction	Presenter	01/09/1996 to		
48.	Conference	Awake pulmonary function and the severity of sleep- disordered breathing	Presenter	01/09/1996 to		
49.	Conference	Pre-bronchoscopy anxieties – can doctors help?	Presenter	01/09/1996 to		
50.	Conference	Detection of Mycobacterium tuberculosis in clinical specimens of patients with extrapulmonary tuberculosis by DNA amplification	Presenter	01/09/1996 to		
51.	Congress	Awake pulmonary function and the severity of sleep- disordered breathing	Presenter	04/10/1996 to 07/10/1996	Asian Pacific Society of Respiriology	International
52.	Congress	Pre-bronchoscopy anxieties – can doctors help?	Co-author	04/10/1996 to 07/10/1996	Asian Pacific Society of Respiriology	International
53.	Congress	Detection of Mycobacterium tuberculosis in clinical specimens of patients with extrapulmonary tuberculosis by DNA amplification	Presenter	04/10/1996 to 07/10/1996	Asian Pacific Society of Respiriology	International
54.	Conference	Current concepts in the pathophysiology of asthma	Invited Speaker	30/10/1996 to 03/11/1996	Ministry of Health, Malaysia and Academy of Medicine, Malaysia	National
55.	Conference	Principles of fibreoptic bronchoscopy and care of the fibreoptic scope	Invited Speaker	30/10/1996 to 03/11/1996	Ministry of Health Malaysia and Academy of Medicine Malaysia	National
56.	Conference	Primary lung cancer in young adults	Presenter	17/11/1996 to 20/11/1996		International
57.	Congress	Non-surgical treatment of sleep apnoea	Invited Speaker	01/12/1996 to 05/12/1996		National
58.	Conference	Awareness of the ozone layer and acceptance of a CFC-free pressurised metered dose inhaler among asthmatic patients	Presenter	06/04/1997 to 10/04/1997	Thoracic Society of Australia and New Zealand	International
59.	Workshop	Detection of Mycobacterium tuberculosis in bronchoalveolar lavage from patients with sputum smear-negative pulmonary tuberculosis using a polymerase chain reaction assay	Presenter	10/04/1997 to 12/04/1997	Japan Society of Chest Diseases	International
60.	Seminar	Management of acute asthma in adults	Invited Speaker	15/06/1997 to 15/06/1997	Penang Branch of the Malaysian Medical Association	Penang state

PAPER PRESENTED						
No	Event	Title of Paper Presented	Role	Duration	Organiser	Level
61.	Workshop	Chronic Respiratory Failure & Sleep Disordered Breathing in Children and Adults	Event Organiser	19/07/1997 to 20/07/1997	Malaysian Thoracic Society	National
62.	Congress	Community acquired pneumonia	Invited Speaker	20/08/1997 to 24/08/1997	Academy of Medicine Malaysia	International
63.	Conference	Detection of Mycobacterium tuberculosis in bronchoalveolar lavage from patients with sputum smear-negative pulmonary tuberculosis using a polymerase chain reaction assay	Presenter	01/09/1997 to		
64.	Conference	Detection of mite-specific salivary IgA in allergic rhinitis and asthmatic patients	Presenter	01/09/1997 to		
65.	Conference	Occurrence of pollens and allergy to aeroallergens: a correlation study in asthmatic patients	Presenter	01/09/1997 to		
66.	Conference	Delay in the diagnosis and treatment of pulmonary tuberculosis	Presenter	05/09/1997 to 08/09/1997	International Union Against tuberculosis & Lung Disease	International
67.	Conference	Hypercalcaemia in Malaysian patients with active tuberculosis	Presenter	05/09/1997 to 08/09/1997	International Union Against Tuberculosis & Lung Disease	International
68.	Seminar	Pulmonary embolism: the physician's view	Invited Speaker	01/11/1997 to 02/11/1997		International
69.	Seminar	Detection of mite-specific salivary IgA in allergic rhinitis and asthmatic patients	Co-author	23/11/1997 to 26/11/1997	Centre for Gene Analysis and Technology, Universiti Kebangsaan Malaysia in collaboration with The National Biotechnology Directorate, Ministry of Science, Technology and the Environment, Malaysia	National
70.	Seminar	Occurrence of pollens and allergy to aeroallergens: a correlation study in asthmatic patients	Co-author	23/11/1997 to 26/11/1997	Centre for Gene Analysis and Technology, Universiti Kebangsaan Malaysia in collaboration with The National Biotechnology Directorate, Ministry of Science, Technology and the Environment, Malaysia	National
71.	Congress	Ketorolac combined with midazolam for sedation in fiberoptic bronchoscopy	Co-author	03/12/1997 to 07/12/1977		International
72.	Conference	Prevalence of sensitisation to common aeroallergens among Malaysian asthmatic patients	Presenter	01/09/1998 to		
73.	Conference	Haze and acute asthma attendance at the emergency department	Presenter	01/09/1998 to		
74.	Conference	Tuberculous pleuritis as a manifestation of primary and reactivation tuberculosis	Presenter	01/09/1998 to		

PAPER PRESENTED						
No	Event	Title of Paper Presented	Role	Duration	Organiser	Level
75.	Congress	Haze and acute asthma attendance at the emergency department	Co-author	09/10/1998 to 12/10/1998	Asian Pacific Society of Respiriology	International
76.	Congress	Prevalence of sensitisation to common aeroallergens among Malaysian asthmatic patients	Presenter	09/10/1998 to 12/10/1998	Asian Pacific Society of Respiriology	International
77.	Congress	Tuberculous pleuritis as a manifestation of primary and reactivation tuberculosis	Presenter	09/10/1998 to 12/10/1998	Asian Pacific Society of Respiriology	International
78.	Congress	Efficacy and tolerability of intravenous followed by oral ofloxacin in the treatment of community acquired lower respiratory tract infections in adults requiring hospitalization	Presenter	29/11/1998 to 03/12/1998		International
79.	Workshop	Current Perspectives in Managing Chest Infections	Invited Speaker	06/02/1999 to 06/02/1999		National
80.	Conference	A case of massive acute pulmonary embolism due to underlying antiphospholipid syndrome	Presenter	07/03/1999 to 07/03/1999	Academy of Medicine of Malaysia	National
81.	Workshop	Evidence-based recommendations on antimicrobial management of respiratory infections in South Asia	Invited Speaker	05/06/1999 to 05/06/1999		National
82.	Congress	Detection of mite-specific IgA in the saliva of asthma patients	Co-author	23/07/1999 to 25/07/2009	Malaysian Thoracic Society	International
83.	Congress	Current trends in the management of COPD & the role of antibiotics in the treatment of COPD exacerbations	Invited Speaker	23/07/1999 to 24/07/1999	Malaysian Thoracic Society	National
84.	Congress	Trans-boundary air pollution and asthma presentations to the emergency department.	Co-author	23/07/1999 to 24/07/1999	Malaysian Thoracic Society	National
85.	Congress	2nd Annual Congress of the Malaysian Thoracic Society	Event Organiser	23/07/1999 to 24/07/1999	Malaysian Thoracic Society	National
86.	Congress	Acceptance of the Accuhaler, a new multi-dose powder inhaler among asthmatic patients	Presenter	23/07/1999 to 24/07/2001	Malaysian Thoracic Society	
87.	Workshop	Patient education, Drug therapy, Antibiotics and Acute Exacerbations	Invited Speaker	02/10/1999 to 03/10/1999		National
88.	Symposium	The development and implementation of the Malaysian Thoracic Society Guidelines for the Management of COPD	Invited Speaker	29/10/1999 to 31/10/1999		International
89.	Conference	Towards quality management of the new integrated curriculum (NIC) of the Faculty of Medicine, University of Malaya	Co-author	09/12/1999 to 11/12/1999		International
90.	Workshop	COPD management, oxygen therapy and non-pharmacological treatment	Invited Speaker	28/01/2000 to 28/01/2000	Malaysian Medical Association (Terengganu Branch)	Terengganu state
91.	Seminar	Risk of tuberculosis to healthcare workers	Invited Speaker	03/07/2000 to 03/07/2000	Institute for Medical Research	National

PAPER PRESENTED						
No	Event	Title of Paper Presented	Role	Duration	Organiser	Level
92.	Congress	Community acquired pneumonia in hospitalised patients	Presenter	14/07/2000 to 16/07/2000	Malaysian Thoracic Society	National
93.	Congress	3rd Annual Congress of the Malaysian Thoracic Society	Event Organiser	14/07/2000 to 16/07/2000	Malaysian Thoracic Society	National
94.	Congress	Awake respiratory function in patients with obstructive sleep apnoea	Presenter	14/07/2000 to 16/07/2000	Malaysian Thoracic Society	National
95.	Congress	Causes and evaluation of haemoptysis in patients aged 60 years and above	Co-author	14/07/2000 to 16/07/2000	Malaysian Thoracic Society	National
96.	Congress	Recent trends in lung cancer patient demography and cell type distribution in Malaysia	Co-author	14/07/2000 to 16/07/2000	Malaysian Thoracic Society	National
97.	Congress	Community acquired pneumonia	Invited Speaker	14/07/2000 to 16/07/2000	Malaysian Thoracic Society	National
98.	Congress	Changes in the distribution of lung cancer cell types and patient demography in a multiracial Asian country: the experience of a teaching hospital	Presenter	30/08/2000 to 03/09/2000	European Respiratory Society	International
99.	Congress	Delay in the presentation of lung cancer in Malaysia	Co-author	30/08/2000 to 03/09/2000	European Respiratory Society	International
100.	Congress	Acceptance of a multi-dose powder inhaler among asthmatic patients: a comparison with the pressurised metered-dose inhaler	Presenter	30/08/2000 to 03/09/2000	European Respiratory Society	International
101.	Congress	Lung cancer in patients aged below 40 years	Presenter	30/08/2000 to 03/09/2000	European Respiratory Society	International
102.	Congress	Evaluation and aetiology of haemoptysis in a South East Asian population	Co-author	30/08/2000 to 03/09/2000	Respiratory Society Annual Congress	International
103.	Conference	Delay in the presentation of lung cancer in Malaysia	Presenter	01/09/2000 to		
104.	Conference	Acceptance of a multi-dose powder inhaler among asthmatic patients: a comparison with the pressurised metered-dose inhaler	Presenter	01/09/2000 to		
105.	Conference	Changes in the distribution of lung cancer cell types and patient demography in a multiracial Asian country: the experience of a teaching hospital	Presenter	01/09/2000 to		
106.	Conference	Evaluation and aetiology of haemoptysis in a South East Asian population	Presenter	01/09/2000 to		
107.	Conference	Lung cancer in patients aged below 40 years	Presenter	01/09/2000 to		
108.	Congress	Community acquired pneumonia in immunocompetent patients requiring hospitalization	Presenter	11/12/2000 to 14/12/2000		International
109.	Congress	Lower airway allergy and asthma	Invited Speaker	18/01/2001 to 21/01/2001		National

PAPER PRESENTED						
No	Event	Title of Paper Presented	Role	Duration	Organiser	Level
110.	Congress	Chronic cough – what are the causes?	Invited Speaker	19/01/2001 to 22/01/2001		National
111.	Congress	Chronic cough – what are the causes?	Invited Speaker	19/01/2001 to 21/01/2001		National
112.	Workshop	COPD Definitions, epidemiology, risk factors, diagnosis, assessment and pharmacological treatment	Invited Speaker	16/02/2001 to 16/02/2001	Malaysian Thoracic Society, Malaysian Medical Association (Sabah Branch) and Sabah Medical Association	
113.	Conference	Lung cancer where do we now stand?	Invited Speaker	23/02/2001 to 25/02/2001	Ministry of Health, Malaysian Thoracic Society, Malaysian Association of Respiratory Care and Malaysian Medical Association (Negeri Sembilan Branch)	National
114.	Workshop	Sleep Medicine Course	Event Organiser	27/04/2001 to 29/04/2001	Malaysian Thoracic Society	National
115.	Conference	Acute asthma – pitfalls in diagnosis	Invited Speaker	05/05/2001 to 06/05/2001	Private Medical Practitioners Association of Selangor and Kuala Lumpur	National
116.	Symposium	Malaysian AIRIAP (Asthma Insights and Reality In Asia Pacific) Data	Invited Speaker	22/06/2001 to 22/06/2001	Malaysian Medical Association (Johor Branch)	Johor state
117.	Congress	Tuberculin skin testing among health care workers in University Malaya Medical Centre	Co-author	29/06/2001 to 01/07/2001	Malaysian Thoracic Society	National
118.	Congress	Non-small cell lung cancer in young and elderly patients	Presenter	29/06/2001 to 01/07/2001	Malaysian Thoracic Society	National
119.	Congress	The late presentation of lung cancer	Co-author	29/06/2001 to 01/07/2001	Malaysian Thoracic Society	National
120.	Congress	Vinorelbine and cisplatin in the treatment of locally advanced and metastatic non-small cell lung cancer	Co-author	29/06/2001 to 01/07/2001	Malaysian Thoracic Society	National
121.	Congress	Management of acute asthma	Invited Speaker	29/06/2001 to 01/07/2001	Malaysian Thoracic Society	National
122.	Congress	Lack of correlation between asthma symptoms and objective measures of airflow obstruction in adult asthmatics	Presenter	29/06/2001 to 01/07/2001	Malaysian Thoracic Society	National
123.	Congress	Skin prick test reactivity to common aeroallergens in asthmatic patients with and without rhinitis	Co-author	29/06/2001 to 01/07/2001	Malaysian Thoracic Society	National
124.	Congress	Lung cancer cell type and diagnostic yield of bronchial washing, bronchoalveolar lavage, endobronchial biopsy, transbronchial biopsy and bronchial brushing specimens obtained during fiberoptic bronchoscopy	Presenter	29/06/2001 to 01/07/2001	Malaysian Thoracic Society	National

PAPER PRESENTED						
No	Event	Title of Paper Presented	Role	Duration	Organiser	Level
125.	Congress	4th Annual Congress of the Malaysian Thoracic Society	Event Organiser	30/06/2001 to 01/07/2001	Malaysian Thoracic Society	National
126.	Conference	Lung cancer – where do we now stand?	Invited Speaker	01/07/2001 to 02/07/2001		National
127.	Seminar	Community acquired pneumonia establishing the pattern of aetiological agents in a Malaysian population	Presenter	24/07/2001 to 25/07/2001		National
128.	Seminar	Mite-specific IgA in the saliva of asthma patients	Co-author	24/07/2001 to 25/07/2001		
129.	Conference	Community acquired pneumonia establishing the pattern of aetiological agents in a Malaysian population	Presenter	01/09/2001 to		
130.	Conference	Lung cancer where do we now stand?	Presenter	01/09/2001 to		
131.	Conference	Mite-specific IgA in the saliva of asthma patients	Presenter	01/09/2001 to		
132.	Conference	Diagnostic yield of bronchoscopic procedures in lung cancer according to histological cell type	Presenter	01/09/2001 to		
133.	Conference	Relationship between objective measures of airflow obstruction and asthma symptoms in adults	Presenter	01/09/2001 to		
134.	Conference	Flow-volume curve abnormalities in patients with obstructive sleep apnoea	Presenter	01/09/2001 to		
135.	Congress	Flow-volume curve abnormalities in patients with obstructive sleep apnoea	Presenter	22/09/2001 to 26/09/2001	European Respiratory Society	International
136.	Congress	Diagnostic yield of bronchoscopic procedures in lung cancer according to histological cell type	Presenter	22/09/2001 to 26/09/2001	European Respiratory Society	International
137.	Congress	Relationship between objective measures of airflow obstruction and asthma symptoms in adults	Presenter	22/09/2001 to 26/09/2001	European Respiratory Society	International
138.	Congress	House dust mite sensitization profile of asthmatic and rhinitis patients	Co-author	25/01/2002 to 27/01/2002		National
139.	Conference	Recent advances in the diagnosis and treatment of lung cancer	Invited Speaker	27/03/2002 to 29/03/2002	Thoracic Society of Thailand, Malaysian Thoracic Society and Singapore Thoracic Society	International
140.	Conference	Update on Respiratory Medicine	Invited Speaker	30/03/2002 to 31/03/2002	College of Physicians, Academy of Medicine of Malaysia	National
141.	Symposium	Asthma in Malaysia	Invited Speaker	05/05/2002 to 05/05/2002		International
142.	Congress	5th Annual Congress of the Malaysian Thoracic Society	Event Organiser	07/06/2002 to 09/06/2002	Malaysian Thoracic Society	National

PAPER PRESENTED						
No	Event	Title of Paper Presented	Role	Duration	Organiser	Level
143.	Conference	Management of Acute Pulmonary Embolism	Invited Speaker	13/07/2002 to 14/07/2002	College of Physicians of Malaysia,	National
144.	Congress	Clinical and laboratory patterns of patients with sarcoidosis seen at University Malaya Medical Centre, Kuala Lumpur	Co-author	09/08/2002 to 11/08/2002	Malaysian Thoracic Society	National
145.	Congress	The utility of tumour markers in the diagnosis of neoplastic pleural effusions	Co-author	09/08/2002 to 11/08/2002	Malaysian Thoracic Society	National
146.	Congress	The spectrum of sleep-disordered breathing	Invited Speaker	09/08/2002 to 11/08/2002	Malaysian Thoracic Society	National
147.	Symposium	COPD and Sleep Apnoea	Invited Speaker	16/08/2002 to 17/08/2002	Postgraduate Medical Education Society, Hospital Alor Setar, Kedah	National
148.	Symposium	Current treatment trend in asthma	Invited Speaker	30/08/2002 to 01/09/2002	Malaysian Thoracic Society	National
149.	Conference	Sensitization to aeroallergens is more common in asthmatic patients with rhinitis and those with an early age of asthma onset	Presenter	01/09/2002 to		
150.	Conference	The utility of tumour markers in the diagnosis of neoplastic pleural effusions	Presenter	01/09/2002 to		
151.	Congress	Dermatophagoides pteronyssinus and Blomia tropicalis sensitization profiles among Malaysian and Singaporean subjects	Co-author	12/10/2002 to 15/10/2002		International
152.	Congress	The utility of tumour markers in the diagnosis of neoplastic pleural effusions	Co-author	25/10/2002 to 28/10/2002	Asian Pacific Society of Respiriology	International
153.	Congress	Sensitization to aeroallergens is more common in asthmatic patients with rhinitis and those with an early age of asthma onset	Presenter	25/10/2002 to 28/10/2002	Asian Pacific Society of Respiriology	International
154.	Conference	Overview of COPD in Malaysia	Invited Speaker	10/01/2003 to 12/01/2003	American Thoracic Society	International
155.	Conference	Diagnostic Difficulties in Lung Cancer	Invited Speaker	01/03/2003 to 02/03/2003	Malaysian Oncological Society	National
156.	Conference	Community Acquired Pneumonia – a Southeast Asian Perspective	Invited Speaker	15/03/2003 to 16/03/2003	Hong Kong Thoracic Society and American College of Chest Physicians (Hong Kong & Macau Chapter)	International
157.	Symposium	Clinical and radiological features of Severe Acute Respiratory Syndrome (SARS)	Invited Speaker	04/06/2003 to 04/06/2003		University
158.	Congress	Community acquired pneumonia – the Malaysian perspective	Invited Speaker	19/07/2003 to 20/07/2003	Malaysian Thoracic Society	National

PAPER PRESENTED						
No	Event	Title of Paper Presented	Role	Duration	Organiser	Level
159.	Seminar	The Ministry of Health and Academy of Medicine of Malaysia Practice Guidelines for the Management of Tuberculosis	Invited Speaker	03/08/2003 to 03/08/2003	Malaysian Society of Infectious Diseases and Chemotherapy and Department of Medical Microbiology, Faculty of Medicine, University of Malaya	National
160.	Conference	An Update on Lung Cancer	Invited Speaker	05/08/2003 to 07/08/2003	Johor Health Department	National
161.	Conference	Smoking status, cell type and tumour location of primary lung cancer	Presenter	01/09/2003 to		
162.	Conference	Suspect cases of SARS admitted to a respiratory isolation ward of a SARS-designated hospital	Presenter	01/09/2003 to		
163.	Conference	Clinical and laboratory pattern of patients with sarcoidosis seen at University Malaya Medical Centre, Kuala Lumpur	Presenter	01/09/2003 to		
164.	Conference	Community acquired pneumonia requiring hospitalisation in a Malaysian population	Presenter	01/09/2003 to		
165.	Conference	Gefitinib (IRESSAR) monotherapy in advanced non-small cell lung cancer	Presenter	01/09/2003 to		
166.	Conference	Primary adenocarcinoma of the lung in Malaysian patients	Presenter	01/09/2003 to		
167.	Conference	Carboplatin and gemcitabine in the treatment of locally advanced and metastatic non-small cell lung cancer	Presenter	01/09/2003 to		
168.	Conference	Admissions in a respiratory isolation ward of a SARS-designated hospital	Presenter	01/09/2003 to		
169.	Conference	Community acquired pneumonia in the Asian Pacific region	Presenter	01/09/2003 to		
170.	Congress	Primary adenocarcinoma of the lung in Malaysian patients	Presenter	01/12/2003 to 04/12/2003	Asian Pacific Society of Respirology	International
171.	Congress	Carboplatin and gemcitabine in the treatment of locally advanced and metastatic non-small cell lung cancer	Co-author	01/12/2003 to 04/12/2003	Asian Pacific Society of Respirology	International
172.	Congress	Admissions in a respiratory isolation ward of a SARS-designated hospital	Presenter	01/12/2003 to 04/12/2003	Asian Pacific Society of Respirology	International
173.	Congress	Smoking status, cell type and tumour location of primary lung cancer	Presenter	01/12/2003 to 04/12/2003	Asian Pacific Society of Respirology	International
174.	Congress	Clinical and laboratory pattern of patients with sarcoidosis seen at University Malaya Medical Centre, Kuala Lumpur	Co-author	01/12/2003 to 04/12/2003	Asian Pacific Society of Respirology	International
175.	Congress	Community acquired pneumonia in the Asian Pacific region	Invited Speaker	01/12/2003 to 04/12/2003	Asian Pacific Society of Respirology	International
176.	Congress	Community acquired pneumonia requiring hospitalisation in a Malaysian population	Presenter	01/12/2003 to 04/12/2003	Asian Pacific Society of Respirology	International

PAPER PRESENTED						
No	Event	Title of Paper Presented	Role	Duration	Organiser	Level
177.	Congress	8th Congress of the Asian Pacific Society of Respiriology	Event Organiser	01/12/2003 to 04/12/2003	Malaysian Thoracic Society	International
178.	Congress	Gefitinib (IRESSA) monotherapy in advanced non-small cell lung cancer	Presenter	01/12/2003 to 04/12/2003	Asian Pacific Society of Respiriology	International
179.	Congress	Suspect cases of SARS admitted to a respiratory isolation ward of a SARS-designated hospital	Invited Speaker	01/12/2003 to 04/12/2003	Asian Pacific Society of Respiriology	International
180.	Conference	Present Status of Prevalence and Management of Chronic Respiratory Diseases in Malaysia	Invited Speaker	02/02/2004 to 03/02/2004		International
181.	Conference	Southeast Asian Haze	Invited Speaker	16/02/2004 to 19/02/2004		International
182.	Seminar	Smoking, COPD & Lung Cancer	Invited Speaker	14/03/2004 to 14/03/2004	Department of Primary Care Medicine & Health Research Development Unit, Faculty of Medicine, University of Malaya	National
183.	Workshop	2nd Asthma Counseling Workshop	Event Organiser	24/05/2004 to 25/05/2004	University of Malaya Medical Centre	University
184.	Conference	The role of gastroesophageal reflux disease in asthma: Response to treatment with potent acid suppression in difficult-to-control asthma patients	Co-author	24/06/2004 to 27/06/2004		National
185.	Conference	The prevalence of gastroesophageal reflux disease (GERD) in asthmatic patients	Co-author	24/06/2004 to 27/06/2004		National
186.	Seminar	Addressing the gap – How prepared are young doctors to prescribe	Invited Speaker	06/07/2004 to 07/07/2004	University Malaya Medical Centre	University
187.	Congress	Primary lung adenocarcinoma in smokers and never smokers	Presenter	16/07/2004 to 17/07/2004	Malaysian Thoracic Society	National
188.	Congress	The prevalence of gastroesophageal reflux disease in moderate to severe asthma	Co-author	16/07/2004 to 17/07/2004	Malaysian Thoracic Society	National
189.	Congress	Epidemiology of community acquired pneumonia in Malaysia	Invited Speaker	16/07/2004 to 17/07/2004	Malaysian Thoracic Society	National
190.	Congress	Pulmonary tuberculosis presenting as community acquired pneumonia requiring hospitalisation	Presenter	16/07/2004 to 17/07/2004		National
191.	Congress	Gastroesophageal reflux disease in asthma: efficacy of proton pump inhibitor treatment in patients with moderate to severe asthma	Co-author	16/07/2004 to 17/07/2004	Malaysian Thoracic Society	National
192.	Congress	Predictors of mortality in patients hospitalised for community acquired pneumonia	Presenter	16/07/2004 to 17/07/2004		National
193.	Congress	Public awareness of COPD: results of a ground level survey in the Klang Valley	Presenter	16/07/2004 to 17/07/2004	Malaysian Thoracic Society	National

PAPER PRESENTED						
No	Event	Title of Paper Presented	Role	Duration	Organiser	Level
194.	Congress	Public awareness of COPD: results of an online survey	Presenter	16/07/2004 to 17/07/2004	Malaysian Thoracic Society	National
195.	Congress	Prevalence of smoking and respiratory symptoms among adults in the rural areas	Presenter	16/07/2004 to 17/07/2004	Malaysian Thoracic Society	National
196.	Congress	A retrospective review of tracheobronchial stenting in University Malaya Medical Centre	Co-author	16/07/2004 to 17/07/2004	Malaysian Thoracic Society	National
197.	Workshop	Non-Invasive Ventilation	Event Organiser	16/07/2004 to 16/07/2004	Malaysian Thoracic Society	National
198.	Congress	The role of pleural fluid analysis, pleural biopsy and bronchoscopy in neoplastic and tuberculous pleural effusions	Co-author	16/07/2004 to 17/07/2004	Malaysian Thoracic Society	National
199.	Conference	Adenocarcinoma of the lung in smokers and never smokers	Presenter	01/09/2004 to		
200.	Conference	Community acquired pneumonia requiring hospitalization due to Mycobacterium tuberculosis	Presenter	01/09/2004 to	Asian Pacific Society of Respiriology	International
201.	Conference	Clinical features associated with mortality in patients hospitalized for community acquired pneumonia	Presenter	01/09/2004 to		
202.	Conference	The role of pleural fluid analysis, pleural biopsy and bronchoscopy in neoplastic and tuberculous pleural effusions	Presenter	01/09/2004 to	Asian Pacific Society of Respiriology	International
203.	Conference	Diagnostic and staging issues in lung cancer	Invited Speaker	01/10/2004 to 03/10/2004	Malaysian Oncological Society	National
204.	Congress	Adenocarcinoma of the lung in smokers and never smokers	Presenter	10/12/2004 to 13/12/2004	Asian Pacific Society of Respiriology	International
205.	Congress	Respiratory Tract Infections Overview and Guidelines	Invited Speaker	10/12/2004 to 13/12/2004	Asian Pacific Society of Respiriology	International
206.	Congress	Clinical features associated with mortality in patients hospitalized for community acquired pneumonia	Presenter	10/12/2004 to 13/12/2004	Asian Pacific Society of Respiriology	International
207.	Congress	Community acquired pneumonia requiring hospitalization due to Mycobacterium tuberculosis	Presenter	10/12/2004 to 13/12/2004	Asian Pacific Society of Respiriology	International
208.	Congress	The role of pleural fluid analysis, pleural biopsy and bronchoscopy in neoplastic and tuberculous pleural effusions	Co-author	10/12/2004 to 13/12/2004	Asian Pacific Society of Respiriology	International
209.	Symposium	Superior Asthma Control with a Single Inhaler	Invited Speaker	17/03/2005 to 17/03/2005	Malaysia Society of Gastroenterology & Hepatology, Malaysian Medical Association (Perak) & Perak Medical Practitioners Society	National
210.	Symposium	Treatment of Lung Cancer – Local Experience in UMMC	Invited Speaker	29/04/2005 to 30/04/2005	Malaysia Oncological Society	National

PAPER PRESENTED						
No	Event	Title of Paper Presented	Role	Duration	Organiser	Level
211.	Conference	CARBOPLATIN AND GEMCITABINE COMBINATION CHEMOTHERAPY IN THE TREATMENT OF LOCALLY ADVANCED AND METASTATIC NON-SMALL CELL LUNG CANCER	Co-author	06/05/2005 to 08/05/2005	Faculty of Medicine, University of Malaya	University
212.	Conference	CLINICAL FEATURES ASSOCIATED WITH MORTALITY IN PATIENTS HOSPITALISED FOR COMMUNITY ACQUIRED PNEUMONIA	Presenter	06/05/2005 to 08/05/2005	Faculty of Medicine, University of Malaya	University
213.	Conference	International Conference on Health Sciences	Event Organiser	06/05/2005 to 08/05/2005	Faculty of Medicine, University of Malaya	National
214.	Conference	CLINICAL FEATURES ASSOCIATED WITH BACTERAEMIA IN PATIENTS HOSPITALISED FOR COMMUNITY ACQUIRED PNEUMONIA	Presenter	06/05/2005 to 08/05/2005	Faculty of Medicine, University of Malaya	University
215.	Conference	NON-SMALL CELL LUNG CANCER IN SMOKERS AND NEVER SMOKERS	Presenter	06/05/2005 to 08/05/2005	Faculty of Medicine, University of Malaya	University
216.	Conference	TRACHEOBRONCHIAL STENTING FOR MAJOR AIRWAY OBSTRUCTION DUE TO ADVANCED MALIGNANCIES	Co-author	06/05/2005 to 08/05/2005	Faculty of Medicine, University of Malaya	University
217.	Conference	EPIDERMAL GROWTH FACTOR RECEPTOR TARGETED THERAPY WITH GEFITINIB IN ADVANCED NON-SMALL CELL LUNG CANCER	Presenter	06/05/2005 to 08/05/2005	Faculty of Medicine, University of Malaya	University
218.	Conference	Community acquired pneumonia in Asia	Invited Speaker	04/06/2005 to 06/06/2005		International
219.	Conference	Chronic obstructive pulmonary disease: what is the best approach?	Invited Speaker	25/06/2005 to 26/06/2005		National
220.	Conference	Chronic obstructive pulmonary disease: what is the best approach?	Invited Speaker	25/06/2005 to 26/06/2005		National
221.	Workshop	Pleuroscopy Hands-On Workshop	Event Organiser	14/07/2005 to 14/07/2005	Division of Respiratory Medicine, Department of Medicine, Faculty of Medicine, University of Malaya and Malaysian Thoracic Society	National
222.	Congress	Hospital acquired pneumonia: prevention and management	Invited Speaker	15/07/2005 to 17/07/2005	Malaysian Thoracic Society	National
223.	Congress	Epidermal growth factor receptor targeted therapy with gefitinib in locally advanced and metastatic non-small cell lung cancer	Presenter	15/07/2005 to 17/07/2005	Malaysian Thoracic Society	National
224.	Congress	Differences in clinicopathological features of non-small cell lung cancer in smokers and never smokers	Presenter	15/07/2005 to 17/07/2005	Malaysian Thoracic Society	National
225.	Congress	Bronchoscopic laser therapy for adenoid cystic carcinoma of trachea: a case report	Co-author	15/07/2005 to 17/07/2005	Malaysian Thoracic Society	National
226.	Congress	Staging of lung cancer: an update	Invited Speaker	15/07/2005 to 17/07/2005	Malaysian Thoracic Society	National
227.	Congress	Predictors of positive blood cultures in patients with community acquired pneumonia	Co-author	15/07/2005 to 17/07/2005	Malaysian Thoracic Society	National

PAPER PRESENTED						
No	Event	Title of Paper Presented	Role	Duration	Organiser	Level
228.	Congress	Serum and pleural fluid cancer antigen 125 (CA125) levels in patients with pleural effusions	Co-author	15/07/2005 to 17/07/2005	Malaysian Thoracic Society	National
229.	Congress	Second line treatment of malignant pleural mesothelioma with pemetrexed (Alimta), a multitargeted antifolate agent: a report of two cases	Co-author	15/07/2005 to 17/07/2005	Malaysian Thoracic Society	National
230.	Symposium	Gravity of asthma in Asia Pacific	Invited Speaker	27/08/2005 to 27/08/2005	Malaysian Thoracic Society, Vietnam Association of Asthma, Allergy and Clinical Immunology and the Singapore Paediatric Society	International
231.	Conference	Cross-cultural adaptation of the Berlin Questionnaire into Malay language	Co-author	01/09/2005 to 03/09/2005	Ministry of Health Malaysia and Academy of Medicine Malaysia	National
232.	Conference	Cardiovascular and cerebrovascular complications of obstructive sleep apnoea	Invited Speaker	01/09/2005 to 03/09/2005	Ministry of Health Malaysia and Academy of Medicine Malaysia	National
233.	Conference	What's new in asthma therapy, what can the GP do?	Invited Speaker	22/04/2006 to 23/04/2006	Private Medical Practitioners Association of Selangor and Kuala Lumpur	National
234.	Symposium	Paradigm shift in asthma management – towards a control centric disease management	Invited Speaker	14/06/2006 to 14/06/2006	Malaysian Thoracic Society	National
235.	Congress	Recent increase in the incidence of lung adenocarcinoma is not related to a decline in the rate of cigarette smoking	Presenter	14/07/2006 to 16/07/2006	Malaysian Thoracic Society	National
236.	Congress	Community acquired pneumonia due to atypical respiratory pathogens	Co-author	14/07/2006 to 16/07/2006	Malaysian Thoracic Society	National
237.	Congress	9th Annual Congress of the Malaysian Thoracic Society	Event Organiser	14/07/2006 to 16/07/2006	Malaysian Thoracic Society	National
238.	Congress	Respiratory medicine in Malaysia: past, present and future	Invited Speaker	14/07/2006 to 16/07/2006	Malaysian Thoracic Society	National
239.	Congress	The lungs and arthritis	Invited Speaker	01/08/2006 to 05/08/2006	Asia Pacific League of Associations for Rheumatology	International
240.	Congress	The patient with rapidly deteriorating asthma	Invited Speaker	24/08/2006 to 27/08/2006	Academy of Medicine, Malaysia	National
241.	Conference	The lungs and arthritis	Presenter	01/09/2006 to	League of Associations for Rheumatology (APLAR)	International
242.	Conference	Difficult-to-control asthma	Presenter	01/09/2006 to	Asian Pacific Society of Respiriology	International
243.	Workshop	Paradigm shift in asthma management – aiming for total control	Invited Speaker	16/09/2006 to 16/09/2006	Malaysian Thoracic Society and Asthma Council Malaysia	National

PAPER PRESENTED						
No	Event	Title of Paper Presented	Role	Duration	Organiser	Level
244.	Seminar	Community acquired pneumonia – Asian experience	Invited Speaker	24/09/2006 to 24/09/2006	Hong Kong Thoracic Society and Hong Kong Lung Foundation	International
245.	Congress	Difficult-to-control asthma	Invited Speaker	19/11/2006 to 22/11/2006	Asian Pacific Society of Respiriology	International
246.	Conference	Second Asia Pacific Lung Cancer Conference	Event Organiser	01/12/2006 to 03/12/2006	Asia Pacific Lung Cancer Group	International
247.	Conference	Sleep-disordered breathing	Invited Speaker	09/12/2006 to 10/12/2006	Department of Medicine, Hospital Tengku Ampuan Afzan, Kuantan, Pahang; Department of Internal Medicine, International Islamic University Malaysia; and Persatuan Diabetes Malaysia (Pahang)	Pahang state
248.	Symposium	Obstructive sleep apnoea	Invited Speaker	10/12/2006 to 10/12/2006		Pahang state
249.	Conference	Arg16Gly and Gln27Glu polymorphisms of beta2-adrenoceptor and plasma IgE levels in Malaysian asthmatics: a pilot study	Co-author	28/01/2007 to 31/01/2007	Indian Immunology Society Conference	International
250.	Symposium	More life, less asthma for adults	Invited Speaker	05/05/2007 to 05/05/2007	Malaysian Pharmaceutical Society	National
251.	Workshop	Smart application of latest GINA guidelines update	Invited Speaker	16/06/2007 to 16/06/2007	Malaysian Thoracic Society	National
252.	Workshop	Smart application of latest GINA guidelines update	Invited Speaker	16/06/2007 to 16/06/2007	Malaysian Thoracic Society	National
253.	Workshop	Case Discussion on Optimizing asthma control smartly	Invited Speaker	23/06/2007 to 23/06/2007	Malaysian Thoracic Society	National
254.	Congress	New GINA Guidelines 2006 – Aiming for Control in Asthma Management	Invited Speaker	20/07/2007 to 22/07/2007	Postgraduate Medical Education Society (PGMES) – Hospital Pulau Pinang	National
255.	Congress	New GINA Guidelines 2006 – Aiming for Control in Asthma Management	Invited Speaker	20/07/2007 to 22/07/2007	Postgraduate Medical Education Society (PGMES) – Hospital Pulau Pinang	National
256.	Symposium	Can we make COPD patients feel better and live longer?	Invited Speaker	25/07/2007 to 25/07/2007	Kuching General Hospital, Kuching General Hospital, Sarawak	Sarawak state
257.	Symposium	Can we make COPD patients feel better and live longer?	Invited Speaker	25/07/2007 to 25/07/2007	Kuching General Hospital, Sarawak	Kuching General Hospital, Sarawak
258.	Conference	Patient s perception of asthma control	Presenter	02/08/2007 to 05/08/2007	International Union Against Tuberculosis and Lung Disease	International

PAPER PRESENTED						
No	Event	Title of Paper Presented	Role	Duration	Organiser	Level
259.	Conference	Patient s perception of asthma control	Presenter	02/08/2007 to 05/08/2007	International Union Against Tuberculosis and Lung Disease	International
260.	Conference	Patient s perception of asthma control	Presenter	02/08/2007 to 05/08/2007	International Union Against Tuberculosis and Lung Disease	International
261.	Conference	Assessing asthma control in patients attending a specialist clinic with the Asthma Control Test	Presenter	02/08/2007 to 05/08/2007	International Union Against Tuberculosis and Lung Disease	International
262.	Conference	Management of community acquired pneumonia in the Asia Pacific Region	Invited Speaker	02/08/2007 to 05/08/2007	International Union Against Tuberculosis and Lung Disease	International
263.	Conference	Antibiotic use and concordance to guidelines for patients hospitalized with community acquired pneumonia	Co-author	02/08/2007 to 05/08/2007	International Union Against Tuberculosis and Lung Disease	International
264.	Conference	International Union Against Tuberculosis and Lung Disease Asia Pacific Region Conference	Event Organiser	02/08/2007 to 05/08/2007	Malaysian Association for the Prevention of Tuberculosis and Malaysian Thoracic Society	International
265.	Conference	Association of beta2-adrenoceptor polymorphisms and severity of asthma in Malaysian asthmatics: a pilot study	CO-author	02/08/2007 to 05/08/2007	International Union Against Tuberculosis and Lung Disease	International
266.	Conference	Hospitalised patients with community acquired pneumonia due to atypical pathogens	Poster	02/08/2007 to 05/08/2007	International Union Against Tuberculosis and Lung Disease	International
267.	Conference	Effect of prior antibiotic therapy on yield of blood culture and outcome in patients hospitalized for community-acquired pneumonia	Presenter	01/09/2007 to	Asian Pacific Society of Respiriology	International
268.	Conference	Serum cancer antigen 125 in patients with pleural effusion	Presenter	01/09/2007 to	Asian Pacific Society of Respiriology	International
269.	Conference	12th World Conference on Lung Cancer	Event Organiser	02/09/2007 to 06/09/2007	International Association for the Study of Lung Cancer (IASLC)	International
270.	Congress	5th World Sleep Congress	Event Organiser	02/09/2007 to 06/09/2007	World Federation of Sleep Research and Sleep Medicine Societies	International
271.	Congress	First report from UMMC: successful multi-modality treatment of metastatic leiomyosarcoma of the uterus to the lungs evidenced by a negative FDG-PET CT scan	Co-author	21/09/2007 to 25/09/2007		International
272.	Conference	Lung Cancer Diagnosis and Staging	Invited Speaker	26/10/2007 to 27/10/2007	Malaysian Association for Thoracic and Cardiovascular Surgery	National
273.	Workshop	Role of IRESSA in the treatment of non-small cell lung cancer at Lung Cancer Workshop: Now and Beyond	Invited Speaker	17/11/2007 to 17/11/2007	Pusat Rawatan Onkologi, Hospital Sultan Ismail, Johor Bharu	Johor state
274.	Workshop	Role of IRESSA in the treatment of non-small cell lung cancer	Invited Speaker	17/11/2007 to 17/11/2007	Hospital Sultan Ismail	Hospital Sultan Ismail

PAPER PRESENTED						
No	Event	Title of Paper Presented	Role	Duration	Organiser	Level
275.	Congress	Effect of prior antibiotic therapy on yield of blood culture and outcome in patients hospitalized for community-acquired pneumonia	Poster	30/11/2007 to 04/12/2007	Asian Pacific Society of Respiriology	International
276.	Conference	Association of beta2-adrenoceptor polymorphisms and lung function in Malaysian asthmatics.	Co-author	02/12/2007 to 06/12/2007	Australasian Society of Clinical and Experimental Pharmacologists and Toxicologists	International
277.	Symposium	The continuum treatment in non-small cell lung cancer	Invited Speaker	07/03/2008 to 07/03/2008	Malaysian Oncological Society and Malaysian Thoracic Society	National
278.	Symposium	The continuum treatment in non-small cell lung cancer	Invited Speaker	07/03/2008 to 07/03/2008	Malaysian Oncological Society and Malaysian Thoracic Society	
279.	Seminar	The current challenges in management of non-small cell lung cancer: moving forward	Invited Speaker	22/03/2008 to 23/03/2008	Malaysian Oncological Society	National
280.	Conference	Relationship between IL-5 levels and eosinophil count in Malaysian asthmatics	Co-author	05/04/2008 to 06/04/2008	Malaysian Society of Pharmacology and Physiology	University
281.	Conference	Beta2-Adrenoceptor Polymorphisms and Plasma IgE Levels in Malaysian Asthmatics: A Pilot Study.	Co-author	09/04/2008 to 12/04/2008		International
282.	Symposium	Long-term disease, short-term aims - paradox of treating asthma	Invited Speaker	23/05/2008 to 24/05/2008	Asthma Council of Malaysia and Lung Foundation of Malaysia	National
283.	Conference	Update on Clinical Management of Pneumonia	Invited Speaker	14/06/2008 to 15/06/2008	Department of Medicine & Therapeutics, Faculty of Medicine, Chinese University of Hong Kong	International
284.	Conference	What's New In Lung Cancer Staging?	Invited Speaker	12/07/2008 to 13/07/2008	Malaysian Oncological Society and Malaysian Thoracic Society	National
285.	Conference	Beta2-adrenoceptor Polymorphisms on Receptor Function in Malaysian Asthmatics: A Preliminary Report	Co-author	13/07/2008 to 17/07/2008		International
286.	Conference	Bone mineral density in patients with bronchial asthma on inhaled corticosteroids	Presenter	18/07/2008 to 20/07/2008	Malaysian Thoracic Society	National
287.	Conference	Experience with pemetrexed single agent as 2nd/3rd line treatment of non-small cell lung cancer	Co-author	18/07/2008 to 20/07/2008	Malaysian Thoracic Society	National
288.	Conference	Antibiotic susceptibility of organisms isolated in community-acquired pneumonia in hospitalized patients	Presenter	18/07/2008 to 20/07/2008	Malaysian Thoracic Society	National
289.	Conference	The specificity of Quantiferon-TB Gold Test in comparison to the tuberculin skin test in BCG-vaccinated healthy volunteers living in a TB endemic country how do we exploit this advantage?	Co-author	18/07/2008 to 20/07/2008	Malaysian Thoracic Society	National

PAPER PRESENTED						
No	Event	Title of Paper Presented	Role	Duration	Organiser	Level
290.	Conference	Update on the treatment of community-acquired pneumonia	Presenter	18/07/2008 to 20/07/2008	Malaysian Thoracic Society	National
291.	Conference	Health outcomes of using tiotropium bromide in the management of chronic obstructive pulmonary disease	Co-author	18/07/2008 to 20/07/2008	Malaysian Thoracic Society	National
292.	Conference	Lung Cancer: Diagnosis and Staging	Presenter	18/07/2008 to 20/07/2008	Malaysian Thoracic Society	National
293.	Congress	10th Annual Congress of the Malaysian Thoracic Society	Event Organiser	18/07/2008 to 20/07/2008	Malaysian Thoracic Society	National
294.	Conference	Customising asthma treatment according to disease control	Invited Speaker	31/07/2008 to 03/08/2008	Academy of Medicine of Malaysia	National
295.	Seminar	Emerging data in COPD: uncovering reality, understanding the evidence	Invited Speaker	02/08/2008 to 02/08/2008	Boehringer Ingelheim	National
296.	Conference	Bone mineral density in patients with bronchial asthma on inhaled corticosteroids	Presenter	01/09/2008 to	Asian Pacific Society of Respiriology	International
297.	Workshop	COPD: Pathophysiology and Diagnosis	Invited Speaker	25/10/2008 to 25/10/2008	Malaysian Medical Association (Sarawak Branch)	Sarawak state
298.	Conference	Gefitinib vs carboplatin/paclitaxel in clinically selected chemo-naïve patients (pts) with advanced non-small-cell lung cancer (NSCLC) in Asia (IPASS): randomized, open-label, Phase III study	Co-author	13/11/2008 to 15/11/2008	International Association for the Study of Lung Cancer	International
299.	Workshop	Lung Cancer – Diagnostic Pathways	Invited Speaker	19/11/2008 to 19/11/2008	Asian Pacific Society of Respiriology	International
300.	Congress	Sleep-disordered breathing in Malaysia	Invited Speaker	19/11/2008 to 22/11/2008	Asian Pacific Society of Respiriology	International
301.	Workshop	Laser for endobronchial lesions	Invited Speaker	19/12/2008 to 19/12/2008	Department of Otorhinolaryngology, University Malaya Medical Centre	University
302.	Conference	UPLIFT – new insights into COPD management	Invited Speaker	20/12/2008 to 21/12/2008	Family Medicine Specialists Association of Malaysia	National
303.	Symposium	How will UPLIFT results affect COPD management? the pulmonologist's perspective	Invited Speaker	11/01/2009 to 11/01/2009	Malaysian Thoracic Society	National
304.	Seminar	4 years and still active: Patient-reported outcome	Invited Speaker	11/01/2009 to 11/01/2009	Malaysian Thoracic Society	National
305.	Seminar	Role of EGFR-TKI in Non-small Cell Lung Cancer	Invited Speaker	27/02/2009 to 27/02/2009	Malaysian Thoracic Society	National
306.	Conference	Stage IV Lung Adenocarcinoma	Presenter	27/03/2009 to 28/03/2009	Eli Lilly	International

PAPER PRESENTED						
No	Event	Title of Paper Presented	Role	Duration	Organiser	Level
307.	Conference	Sleep apnoea syndrome and the heart	Invited Speaker	17/04/2009 to 19/04/2009	National Heart Association of Malaysia	National
308.	Conference	UPLIFT Study Results – Impact on COPD Management	Invited Speaker	13/06/2009 to 13/06/2009	Department of Medicine, Kulliyah of Medicine, International Islamic University and Malaysian Thoracic Society	National
309.	Seminar	UPLIFT Study Results Impact on COPD Management the Pulmonologist perspective	Invited Speaker	26/06/2009 to 28/06/2015	Penang Postgraduate Medical Education Society	University
310.	Conference	Response and progression-free survival in patients with advanced lung adenocarcinoma treated with gefitinib	Co-author of paper	24/07/2009 to 26/07/2009	Malaysian Thoracic Society	National
311.	Conference	The New Lung Cancer Staging System	Invited Speaker	24/07/2009 to 26/07/2009	Malaysian Thoracic Society	National
312.	Congress	11th Annual Congress of the Malaysian Thoracic Society	Event Organiser	24/07/2009 to 26/07/2009	Malaysian Thoracic Society	National
313.	Conference	Bacterial pathogens isolated in patients with acute exacerbation of chronic obstructive pulmonary disease requiring hospitalization.	Co-author of paper	24/07/2009 to 26/07/2009	Malaysian Thoracic Society	National
314.	Conference	The 2009 Malaysian Clinical Practice Guidelines on Management of Chronic Obstructive Pulmonary Disease.	Invited Speaker	24/07/2009 to 26/07/2009	Malaysian Thoracic Society	National
315.	Conference	Response and progression-free survival with gefitinib treatment in Malaysian patients with advanced lung adenocarcinoma	Presenter	01/09/2009 to	Asian Pacific Society of Respiriology	International
316.	Workshop	Multidisciplinary Workshop on Lung Cancer	Event Organiser	25/10/2009 to 25/10/2009	Division of Respiratory Medicine, Department of Medicine, Faculty of Medicine, University of Malaya	National
317.	Workshop	The 2009 New Lung Cancer Staging System	Invited Speaker	25/10/2009 to 25/10/2009	Division of Respiratory Medicine, Faculty of Medicine, University of Malaya	National
318.	Seminar	COPD Guidelines: How Have They Changed?	Invited Speaker	27/02/2010 to 27/02/2010	Malaysian Thoracic Society and the Malaysian Pharmaceutical Society	National
319.	Conference	Asthma treatment: current control and future risk	Invited Speaker	02/04/2010 to 04/04/2010	College of Physicians & College of Paediatrics, Academy of Medicine of Malaysia	National
320.	Conference	The new lung cancer staging system	Invited Speaker	01/05/2010 to 02/05/2010	1st Joint Malaysian Egyptian Oncological Society Conference Hand in Hand Against Cancer , 1-2 May 2010	National

PAPER PRESENTED						
No	Event	Title of Paper Presented	Role	Duration	Organiser	Level
321.	Symposium	What's new in 2010? – Malaysian COPD CPG updates: Impact, Management and Prevention of Exacerbations	Invited Speaker	22/05/2010 to 22/05/2010	Malaysian Thoracic Society, Malaysian Medical Association (Wilayah Persekutuan) and Malaysian Medical Association (Selangor)	National
322.	Conference	An Update on the 2009 Malaysian COPD Clinical Practice Guidelines	Invited Speaker	25/06/2010 to 27/06/2010	GlaxoSmithKline Pharmaceutical Company	National
323.	Symposium	Making mucus relevant	Invited Speaker	10/07/2010 to 10/07/2010	Malaysian Thoracic Society	National
324.	Congress	Association between polymorphisms of IL-4 receptor alpha chain gene and plasma IgE levels in Malaysian asthmatics	Co-author of paper	17/07/2010 to 23/07/2010		International
325.	Seminar	The new Lung Cancer Staging System	Invited Speaker	18/07/2010 to 18/07/2010	Malaysian Oncological Society	National
326.	Congress	2010 Annual Congress of the Malaysian Thoracic Society	Event Organiser	23/07/2010 to 25/07/2010	Malaysian Thoracic Society	National
327.	Congress	Chronic severe asthma: assessment and management	Invited Speaker	23/07/2010 to 25/07/2010	Malaysian Thoracic Society	National
328.	Congress	Satisfaction level and asthma control among Malaysian patients on Symbicort maintenance and reliever therapy (SMART) in the primary care setting (SMARTTEST Study)	Presenter	23/07/2010 to 25/07/2010	Malaysian Thoracic Society	National
329.	Symposium	The Evolution of First Line Treatment in Advanced Non-small Cell Lung Cancer	Invited Speaker	14/08/2010 to 14/08/2010	Eli Lilly Pharmaceutical Company	National
330.	Workshop	Adult asthma management: Planning ahead to prevent exacerbation	Invited Speaker	16/10/2010 to 17/07/2010	Merck Sharp & Dohme	National
331.	Conference	4th Asia Pacific Lung Cancer Conference	Event Organiser	02/12/2010 to 04/07/2010	Asia Pacific Lung Cancer Group	International
332.	Congress	Targeted therapy in lung cancer: the Malaysian experience	Invited Speaker	21/01/2011 to 23/01/2011	International Society of Geriatric Oncology (SIOG)	International
333.	Conference	Practical aspects of the 2010 Malaysian COPD CPG	Invited Speaker	04/03/2011 to 06/03/2011	Malaysian Thoracic Society	National
334.	Conference	Practical aspects of the 2010 Malaysian COPD CPG	Invited Speaker	04/03/2011 to 06/03/2011	Malaysian Thoracic Society	National
335.	Seminar	UPLIFT – Learning and Yearnings: Overall, GOLD Stage II, Maintenance Naive, Mortality & Cardiovascular Morbidity Reduction	Invited Speaker	01/05/2011 to 01/05/2011	Malaysian Thoracic Society	National
336.	Seminar	UPLIFT – Learning and Yearnings: Overall, GOLD Stage II, Maintenance Naive, Mortality & Cardiovascular Morbidity Reduction	Invited Speaker	01/05/2011 to 01/05/2011	Boehringer Ingelheim	National

PAPER PRESENTED						
No	Event	Title of Paper Presented	Role	Duration	Organiser	Level
337.	Conference	Tobacco and chronic obstructive pulmonary disease	Invited Speaker	08/07/2011 to 11/07/2011	International Union Against Tuberculosis and Lung Disease – Asia Pacific Chapter	International
338.	Conference	Community acquired pneumonia versus healthcare associated pneumonia	Invited Speaker	08/07/2011 to 11/07/2011	International Union Against Tuberculosis and Lung Disease – Asia Pacific Chapter	International
339.	Congress	The impact of new imaging and endoscopic techniques in lung cancer staging	Invited Speaker	22/07/2011 to 24/07/2011	Malaysian Thoracic Society	National
340.	Conference	Epidermal growth factor receptor mutations in adenocarcinoma in Malaysian patients	Presenter	03/11/2011 to 06/11/2011	Asian Pacific Society of Respiriology	International
341.	Conference	Association between polymorphisms of IL-4 production levels and β 2-adrenoceptor polymorphisms in asthmatics: a Malaysian perspective	Co-author	03/11/2011 to 06/11/2011	Asian Pacific Society of Respiriology	International
342.	Conference	21st Asia Pacific Cancer Conference	Event Organiser	10/11/2011 to 12/11/2011	UICC and Malaysian Oncological Society	International
343.	Workshop	Malaysian Guidelines for Management of COPD	Invited Speaker	13/11/2011 to 13/11/2011	Medical Progress	National
344.	Public Forum	Lung cancer epidemiology and presenting symptoms	Invited Speaker	19/11/2011 to 19/11/2011	Cancer Society of Malaysia, Sarawak Branch	Kuching
345.	Seminar	Lung cancer treatment and targeted therapy for NSCLC	Invited Speaker	20/11/2011 to 20/11/2011	Cancer Society of Malaysia, Sarawak Branch	
346.	Seminar	Lung cancer epidemiology, presenting symptoms and staging	Invited Speaker	20/11/2011 to 20/11/2011	Cancer Society of Malaysia, Sarawak Branch	Kuching, Sarawak
347.	Seminar	Lung cancer epidemiology, presenting symptoms and staging	Invited Speaker	20/11/2011 to 20/11/2011	Cancer Society of Malaysia, Sarawak Branch	Sarawak state
348.	Symposium	Breathlessness in COPD: Impact on daily life	Invited Speaker	11/02/2012 to 11/02/2012	Malaysian Thoracic Society	National
349.	Conference	Malaysian COPD CPG 2009 vs GOLD 2011 Update	Invited Speaker	13/04/2012 to 15/04/2012	Malaysian Thoracic Society	National
350.	Conference	Malaysian COPD CPG 2009 vs GOLD 2011 Update	Invited Speaker	13/04/2012 to 15/04/2012	Malaysian Thoracic Society	National
351.	Symposium	The Era of Personalised Treatment: Findings from the 1st EGFR Mutation Report in Malaysia (EMLAN) & Local Perspectives of Personalised Treatment in Advanced NSCLC	Invited Speaker	26/04/2012 to 27/04/2012	Asian Pacific Organisation for Cancer Prevention	International
352.	Symposium	The Era of Personalised Treatment: Findings from the 1st EGFR Mutation Report in Malaysia (EMLAN) & Local Perspectives of Personalised Treatment in Advanced NSCLC	Invited Speaker	26/04/2012 to 27/04/2012		International

PAPER PRESENTED						
No	Event	Title of Paper Presented	Role	Duration	Organiser	Level
353.	Congress	Bronchial colonization versus infection in airways diseases	Invited Speaker	06/07/2012 to 08/07/2012	Malaysian Thoracic Society	National
354.	Congress	2012 Annual Congress of the Malaysian Thoracic Society	Event Organiser	06/07/2012 to 08/07/2012	Malaysian Thoracic Society	National
355.	Symposium	EGFR mutation-positive non-small cell lung cancer in Malaysia	Invited Speaker	14/07/2012 to 14/07/2012	Roche	National
356.	Symposium	Findings from the first EGFR mutation report in Malaysia (EMLAN) and Local perspectives of personalised treatment in advanced NSCLC	Invited Speaker	17/11/2012 to 17/11/2012	AstraZeneca	National
357.	Conference	Epidemiology, Clinical and Molecular Characteristics of Lung Cancer in Asia	Invited Seminar	26/11/2012 to 28/11/2012	Asia Pacific Lung Cancer Group and International Association for the Study of Lung Cancer	International
358.	Conference	5th Asia Pacific Lung Cancer Conference	Event Organiser	26/11/2012 to 28/11/2012	Asia Pacific Lung Cancer Group	International
359.	Conference	A Prospective Study on Epidermal Growth Factor Receptor Mutations in Non-Small Cell Lung Cancer in Malaysian Patients	Presenter	14/12/2012 to 16/12/2012	Asian Pacific Society of Respiriology	International
360.	Conference	Epidermal Growth Factor Receptor Mutations in Lung Adenocarcinoma in a Multiethnic Population	Presenter	14/12/2012 to 16/12/2012	Asian Pacific Society of Respiriology	International
361.	Congress	A Prospective Study on Epidermal Growth Factor Receptor Mutations in Non-Small Cell Lung Cancer in Malaysian Patients.	Presenter	14/12/2012 to 16/12/2012	Asian Pacific Society of Respiriology	International
362.	Congress	Epidermal Growth Factor Receptor Mutations in Lung Adenocarcinoma in a Multiethnic Population.	Presenter	14/12/2012 to 16/12/2012	Asian Pacific Society of Respiriology	International
363.	Symposium	Considerations from the Chest Physician s View	Invited Speaker	03/03/2013 to 03/03/2013	Malaysian Oncological Society, Malaysian Thoracic Society and College of Pathologists	National
364.	Conference	ALK+ NSCLC case sharing	Presenter	21/04/2013 to 21/04/2013	Pfizer	National
365.	Conference	The Role of ErbB Family Blockade in NSCLC	Invited Speaker	24/05/2013 to 26/05/2013	Boehringer Ingelheim	National
366.	Conference	COPD Guidelines	Invited Speaker	24/05/2013 to 26/05/2013	Boehringer Ingelheim	National
367.	Congress	2013 Annual Congress of the Malaysian Thoracic Society	Event Organiser	14/06/2013 to 16/06/2013	Malaysian Thoracic Society	National
368.	Conference	Patients with EGFR Mutations should not receive adjuvant EGFR TKIs	Invited Speaker	27/10/2013 to 30/10/2013	International Association for the Study of Lung Cancer	International
369.	Symposium	Considerations from the Chest Physician s View	Invited Speaker	16/11/2013 to 16/11/2013	Malaysian Oncological Society, Malaysian Thoracic Society and College of Pathologists	National

PAPER PRESENTED						
No	Event	Title of Paper Presented	Role	Duration	Organiser	Level
370.	Seminar	Current Treatment of COPD – scenario in Malaysia	Invited Speaker	01/12/2013 to 01/12/2013	Novartis	National
371.	Seminar	GLOBAL INITIATIVE FOR CHRONIC OBSTRUCTIVE LUNG DISEASE (GOLD) guidelines: focus on combination therapy	Invited Speaker	14/12/2013 to 14/12/2013	Asia Area Respiratory Academy	International
372.	Symposium	Safety of SPIRIVA (Tiotropium) in COPD: current knowledge and understanding	Invited Speaker	28/02/2014 to 28/02/2014	Boehringer Ingelheim	National
373.	Conference	Quality of life (QoL) analysis from ENSURE, a phase 3, open-label study of first-line erlotinib versus gemcitabine/cisplatin (GP) in Asian patients with epidermal growth factor receptor (EGFR) mutation-positive (mut+) non-small-cell lung cancer (NSCLC).	Co-author	26/03/2014 to 29/03/2014	International Association for the Study of Lung Cancer	International
374.	Workshop	Understanding Lung Cancer Care in Malaysia: Where are we up to?	Invited Speaker	24/05/2014 to 24/05/2014	AstraZeneca	National
375.	Congress	A cross-sectional study on endobronchial TB patients in UMMC	Co-author	13/06/2014 to 15/06/2014	Malaysian Thoracic Society	National
376.	Symposium	Start Early: Bronchodilation in the Management of COPD patients for Improved Symptoms and Outcomes	Invited Speaker	13/06/2014 to 15/06/2014	Malaysian Thoracic Society	National
377.	Congress	Squamous cell carcinoma of the lung in smokers and never smokers: clinical characteristics and epidermal growth factor receptor mutations	Co-author	13/06/2014 to 15/06/2014	Malaysian Thoracic Society	National
378.	Congress	2014 Annual Congress of the Malaysian Thoracic Society	Event Organiser	13/06/2014 to 15/06/2014	Malaysian Thoracic Society	National
379.	Conference	Identification of Attitudinal Clusters in Patients with Asthma: Analysis from REALISE Asia	Co-author	28/06/2014 to 29/12/2014	College of General Practitioners, United Kingdom	International
380.	Workshop	MET inhibitors and biomarkers: Recent concepts in non-small cell lung cancer	Invited Speaker	05/09/2014 to 05/09/2014	International Association for the Study of Lung Cancer and Chinese Society of Clinical Oncology	International
381.	Workshop	COPD or Asthma: How to Manage COPD?	Invited Speaker	20/09/2014 to 20/09/2014	Malaysian Thoracic Society	Penang state
382.	Workshop	Acute exacerbation of COPD and Co-morbidities	Invited Speaker	20/09/2014 to 20/09/2014	Malaysian Thoracic Society	Penang state
383.	Conference	COPD: LAMA, LABA, LABA/ICS and LAMA: the perplexing conundrum	Invited Speaker	11/10/2014 to 12/10/2014	Asia Respiratory Academy	International
384.	Conference	2014 International Association for the Study of Lung Cancer (IASLC) Asia Pacific Lung Cancer Conference	Event Organiser	04/11/2014 to 06/11/2014	International Association for the Study of Lung Cancer (IASLC) and Asia Pacific Lung Cancer Group	International

PAPER PRESENTED						
No	Event	Title of Paper Presented	Role	Duration	Organiser	Level
385.	Conference	Lung Cancer in the Asia Pacific Region	Event Organiser	06/11/2014 to 08/11/2014	Malaysian Thoracic Society, Malaysian Oncological Society and International Association for the Study of Lung Cancer	International
386.	Conference	Squamous cell carcinoma of the lung in smokers and never smokers.	Co-author	06/11/2014 to 08/11/2014	Malaysian Thoracic Society, Malaysian Oncological Society and International Association for the Study of Lung Cancer	International
387.	Conference	Performance of Lung Cancer Care services in a middle income developing country Malaysia	Presenter	06/11/2014 to 08/11/2014	Malaysian Thoracic Society, Malaysian Oncological Society and International Association for the Study of Lung Cancer	International
388.	Conference	Budget Impact Analysis (BIA) to assess the affordability of epidermal growth factor receptor (EGFR) tyrosine kinase inhibitor (TKI) treatment for EGFR mutation positive (EGFR+) non-small cell lung cancers (NSCLC).	Presenter	06/11/2014 to 08/11/2014	Malaysian Thoracic Society, Malaysian Oncological Society and International Association for the Study of Lung Cancer	International
389.	Conference	Epidermal growth factor receptor mutations in squamous cell carcinoma of the lung	Co-author	06/11/2014 to 08/11/2014	Malaysian Thoracic Society, Malaysian Oncological Society and International Association for the Study of Lung Cancer	International
390.	Conference	A survey on COPD diagnosis among Primary Care Physicians in Malaysia	Presenter	13/11/2014 to 16/11/2014		
391.	Conference	Identification of attitudinal clusters in patients with asthma: analysis of REALISE Asia	Presenter	13/11/2014 to 16/11/2014	Asian Pacific Society of Respiriology	International
392.	Conference	Epidermal growth factor receptor mutations in lung squamous cell carcinoma in smokers and never smokers	Presenter	13/11/2014 to 16/11/2014	Asian Pacific Society of Respiriology	International
393.	Conference	Differences in patient-perceptions and levels of asthma control across 8 Asian countries: data from the REALISE Asia survey	Presenter	13/11/2014 to 16/11/2014	Asian Pacific Society of Respiriology	International
394.	Conference	Awareness and usage of inhalers among patients with asthma: findings from REALISE Asia	Co-author	13/11/2014 to 16/11/2014	Asian Pacific Society of Respiriology	International
395.	Conference	Discrepancy between patient-perception and guideline-defined asthma control in Asia: A survey of over 2400 patients	Co-author	13/11/2014 to 16/11/2014	Asian Pacific Society of Respiriology	International
396.	Workshop	Neuroendocrine Tumour of the Lung	Invited Speaker	13/11/2014 to 13/11/2014	Asian Pacific Society of Respiriology	International
397.	Congress	Preferred sources of information on asthma: Data from multinational survey of patients in Asia.	Co-author	13/11/2014 to 16/11/2014	Asian Pacific Society of Respiriology	International
398.	Congress	Patterns of hospitalization and healthcare utilization across attitudinal clusters: Analysis from patient survey in Asia.	Co-author	13/11/2014 to 16/11/2014	Asian Pacific Society of Respiriology	International

PAPER PRESENTED						
No	Event	Title of Paper Presented	Role	Duration	Organiser	Level
399.	Congress	Neuroendocrine tumours of the lung	Invited Speaker	13/11/2014 to 16/11/2014	Asian Pacific Society of Respiriology	International
400.	Congress	Discrepancy between patient-perception and guideline-defined asthma control in Asia: A survey of over 2400 patients.	Co-author	13/11/2014 to 16/11/2014	Asian Pacific Society of Respiriology	International
401.	Conference	Squamous cell carcinoma of the lung in smokers and never smokers.	Co-author	13/11/2014 to 16/11/2014	Asian Pacific Society of Respiriology	International
402.	Congress	Differences in patient-perceptions and levels of asthma control across 8 Asian countries: data from the REALISE Asia survey	Co-author	13/11/2014 to 16/11/2014	Asian Pacific Society of Respiriology	International
403.	Conference	Preferred sources of information on asthma: Data from multinational survey of patients in Asia	Presenter	13/11/2014 to 16/11/2014	Asian Pacific Society of Respiriology	International
404.	Conference	Patterns of hospitalization and healthcare utilization across attitudinal clusters: Analysis from patient survey in Asia	Presenter	13/11/2014 to 16/11/2014	Asian Pacific Society of Respiriology	International
405.	Congress	Identification of attitudinal clusters in patients with asthma: analysis of REALISE Asia.	Co-author	13/11/2014 to 16/11/2014	Asian Pacific Society of Respiriology	International
406.	Congress	Targeted Therapies in Non-small Cell Lung Cancer: the Asian Experience	Invited Speaker	23/01/2015 to 25/01/2015	Malaysian Oncological Society	International
407.	Conference	European Society for Medical Oncology (ESMO) & National Comprehensive Cancer Network (NCCN) Guidelines for Metastatic NSCLC: Common Ground and Differences	Invited Speaker	07/03/2015 to 08/03/2015	Roche Pharmaceutical Company	National
408.	Conference	The treatment roadmap for squamous cell carcinoma	Participant	15/04/2015 to 18/04/2015	European Society of Medical Oncology and International Association for the Study of Lung Cancer	International
409.	Seminar	Overview of Management of COPD in Malaysia	Invited Speaker	09/05/2015 to 09/05/2015	Novartis Pharmaceutical Company	National
410.	Conference	Meeting the challenges of EGFR TKI resistance	Invited Speaker	23/05/2015 to 24/05/2015	AstraZeneca Pharmaceutical Company	National
411.	Conference	Detection of EML4-ALK in lung adenocarcinoma with immunohistochemistry and Fluorescent-in-situ hybridization technique	Presenter	13/06/2015 to 14/06/2015	College of Pathologists and Academy of Medicine Malaysia	National
412.	Workshop	2nd Line Squamous Non-small Cell Lung Cancer Landscape & LUX-Lung 8 Data	Invited Speaker	19/06/2015 to 19/06/2015	Boehringer Ingelheim Pharmaceutical Company	International
413.	Conference	Lung cancer	Participant	14/07/2015 to 14/07/2015	Pfizer Pharmaceutical Company	International
414.	Conference	Clinical case sharing: A case study (Maintenance Therapy in NSCLC)	Invited Speaker	15/08/2015 to 16/08/2015	Eli Lilly Oncology	International
415.	Workshop	Role of pulmonologist in diagnosis and staging of lung cancer	Invited Speaker	03/10/2015 to 03/10/2015	AstraZeneca	National

PAPER PRESENTED						
No	Event	Title of Paper Presented	Role	Duration	Organiser	Level
416.	Conference	Lung cancer what s new	Invited Speaker	04/10/2015 to 04/10/2015	MAHSA University	National
417.	Conference	COPD with asthma symptoms From clinical trials to clinical practice	Invited Speaker	17/10/2015 to 18/10/2015	Asia Area Respiratory Academy	
418.	Conference	Pulmonary neuroendocrine tumours presentation and investigation	Invited Speaker	30/10/2015 to 31/10/2015	Asia Pacific Neuroendocrine Tumour Society (APNETS)	International
419.	Congress	20th Congress of the Asian Pacific Society of Respirology	Event Organiser	03/12/2015 to 06/12/2015	Asian Pacific Society of Respirology and Malaysian Thoracic Society	International
420.	Conference	Treatment outcome of Malaysian patients with advanced lung adenocarcinoma	Poster	18/12/2015 to 21/12/2015	European Society of Medical Oncology	International
421.	Conference	Advances in Lung Cancer Management	Invited Speaker	01/04/2016 to 03/04/2016	Institut Perubatan Respiratori, Ministry of Health Malaysia and Malaysian Association for the Prevention of Tuberculosis	National
422.	Workshop	COPD or Athma: How to manage COPD?	Invited Speaker	06/04/2016 to 04/04/2016	Malaysian Thoracic Society	National
423.	Conference	Role of the pulmonologist in the supportive care of lung cancer	Member of the Scientific Committee	13/05/2016 to 16/05/2016	International Association for the Study of Lung Cancer (IASLC), APLCC Committee, Thai Society of Clinical Oncology (TSCO), Chiang Mai Lung Cancer Group, Chiang Mai University (CMU)	International
424.	Conference	MEK1 /2 inhibitors: focus on lung cancer	Invited Speaker	15/06/2016 to 18/06/2016	International Association for the Study of lung cancer	National
425.	Symposium	Lung cancer in Malaysia: the current situation	Invited Speaker	17/07/2016 to 17/07/2016	ROCHE Pharmaceutical Company	National
426.	Congress	Gefitinib versus erlotinib as first-line treatment in EGFR mutant advanced lung adenocarcinoma	Oral	03/09/2016 to 07/09/2016	European Respiratory Society	International
427.	Congress	Impact of second-line treatment on overall survival of advanced lung adenocarcinoma patients	Poster	03/09/2016 to 07/09/2016	European Respiratory Society	International
428.	Conference	Caicun Zhou, Yun Fan, Huijuan Wang, Chong Kin Liam, Chengjie Hu, Agnieszka Cseh. Phase II study of afatinib in patients with advanced HER2 mutation-positive (m+) non-small cell lung cancer (NSCLC) previously treated with chemotherapy (CT). 19th Annual Meeting of the Chinese Society of Clinical Oncology 21-25 September 2016, Xiamen, China	Poster	21/09/2016 to 25/09/2016	Chinese Society of Clinical Oncology	International

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No	Event	Title of Paper Presented	Role	Duration	Organiser	Level
429.	Seminar	Individualised treatment for EGFR mutation-positive NSCLC	Invited Speaker	01/10/2016 to 01/10/2016	Malaysian Thoracic Society	National
430.	Congress	ANAPLASTIC LYMPHOMA KINASE GENE REARRANGEMENT IN MALAYSIAN PATIENTS WITH EGFR WILD TYPE LUNG ADENOCARCINOMA	Co-author	12/11/2016 to 15/11/2016	Asian Pacific Society of Respiriology	International
431.	Congress	Targeted Therapy	Invited Speaker	12/11/2016 to 15/11/2016	Asian Pacific Society of Respiriology	International
432.	Congress	EPIDERMAL GROWTH FACTOR RECEPTOR MUTATION STATUS ON RESPONSE TO FIRST-LINE CYTOTOXIC CHEMOTHERAPY IN ADVANCED LUNG ADENOCARCINOMA	Co-author	12/11/2016 to 15/11/2016	Asian Pacific Society of Respiriology	International
433.	Conference	Rathimalar Ayakannu, Kanthimathi Subramaniam, Vijaya Lechimi Raj, Ammu Kutty Radhakrishnan and Chong-Kin Liam. Estimation of cytokine production levels in response to panel of mitogens in healthy individuals. ASCEPT-MPGPCR 2016 Joint Scientific Meeting 27-30 November, Melbourne, Australia.	Co-author	27/11/2016 to 30/11/2016	Australasian Society of Clinical and Experimental Pharmacologists and Toxicologists	International
434.	Conference	Caicun Zhou, Yun Fan, Huijuan Wang, Chong Kin Liam, Chengjie Hu, Agnieszka Cseh. Afatinib in patients with advanced HER2 mutation-positive (m+) NSCLC previously treated with chemotherapy. World Conference on Lung Cancer 4-7 December 2016, Vienna, Austria	Co-author	04/12/2016 to 07/12/2016	International Association for the Study of Lung Cancer	International
435.	Conference	Afatinib in patients with advanced HER2 mutation-positive (m+) NSCLC previously treated with chemotherapy	Presenter	04/12/2016 to		
436.	Congress	Kow KS, Liam CK, Leong LK. Liquid biopsy versus tissue biopsy biomarkers detection for diagnosis in non-small cell lung cancer. Abstract PP24 in Abstract Book of Malaysian Thoracic Society Annual Congress 2017, 20-23 July 2017, page 89.	Poster	20/07/2017 to 23/07/2017	Malaysian Thoracic Society	National
437.	Conference	THE ROLE OF CHEMOTHERAPY IN THE MANAGEMENT OF CNS METASTASIS	Invited Speaker	15/10/2017 to 18/10/2017	International Association for the Study of Lung Cancer	International
438.	Conference	Liam CK, Chai CS, Cheah PL, Ong DBL, Pang YK, Poh ME. Resistance Mechanisms Causing First-line Epidermal Growth Factor Receptor-Tyrosine Kinase Inhibitor Treatment Failure. IASLC 18th World Conference on Lung Cancer 15-18 October 2017, Yokohama, Japan Abstract P3.01-088h	Poster	15/10/2017 to 18/10/2017	International Association for the Study of Lung Cancer	International
439.	Conference	Liam CK, Chai CS, Pang YK, Kow KS, Wong CK, Poh ME. Case Series of Small Cell Lung Cancer Transformation as a Resistance Mechanism to Epidermal Growth Factor Receptor-Tyrosine Kinase Inhibitor Therapy. IASLC 18th World Conference on Lung Cancer 15-18 October 2017, Yokohama, Japan Abstract P3.15-014	Poster	15/10/2017 to 18/10/2017	International Association for the Study of Lung Cancer	International
440.	Conference	Liam CK. Liquid Biopsy in Lung Cancer: Present and Future.	Invited Speaker	23/10/2017 to 25/10/2017	Medical Genetics Society of Malaysia	National

PAPER PRESENTED						
No	Event	Title of Paper Presented	Role	Duration	Organiser	Level
441.	Conference	Chai CS, Liam CK, Cheah PL, Ong DBL, Pang YK, Poh ME. Resistance mechanisms causing first-line epidermal growth factor receptor-tyrosine kinase inhibitor treatment failure. ESMO Asia 2017, 17-19 November 2017, Singapore. Annals of Oncology, Volume 28, Issue suppl.10, 1 November 2017. mdx671.019, https://doi.org/10.1093/annonc/mdx671.019	Poster	17/11/2017 to 19/11/2017	European Society of Medical Oncology	International
442.	Conference	Chai CS, Liam CK, Pang YK. Case series of small cell lung cancer transformation post tyrosine kinase inhibitor failure. ESMO Asia 2017, 17-19 November 2017, Singapore. Annals of Oncology, Volume 28, Issue suppl. 10, 1 November 2017, mdx674.002, https://doi.org/10.1093/annonc/mdx674.002	Poster	17/11/2017 to 19/11/2017	European Society of Medical Oncology	International
443.	Congress	Liam CK. Diagnosis and management of resistance and persistence in molecularly defined non-small cell lung cancer. In Abstract Book of the 22nd Congress of the Asian Pacific Society of Respiriology (APSR 2017), 23-26 November 2017, Sydney, Australia	Invited Speaker	23/11/2017 to 26/11/2017	Asian Pacific Society of Respiriology	International
444.	Conference	Update on Immunotherapy in Lung Cancer. Abstract IS2-3 in Annals of the Japanese Respiratory Society 2018, 7: Suppl: 77 (the 58th Annual Meeting of the Japanese Respiratory Society, 27-29 April 2018, Osaka, Japan).	Invited Speaker	27/04/2018 to 29/04/2018	Japanese Respiratory Society	International
445.	Seminar	Overview of Non-Small Cell Lung Cancer: Unmet Needs in Malaysia	Invited Speaker	12/05/2018 to 12/05/2018	Malaysian Oncological Society	National
446.	Conference	Lung Cancer: From staging to therapy: What is new?	Invited Speaker	28/06/2018 to 30/06/2018	Sri Lanka College of Pulmonologists	International
447.	Conference	Lung cancer: Year in review	Invited Speaker	28/06/2018 to 30/06/2018	Sri Lanka College of Pulmonologists	International
448.	Conference	Real-world Experience with Afatinib after Failure of First-Generation Epidermal Growth Factor Receptor-Tyrosine Kinase Inhibitor. Abstract No. 13652, P1.15-15	Poster	23/09/2018 to 26/09/2018	International Association for the Study of Lung Cancer (IASLC)	International
449.	Conference	What Are the Clinical Features of IO Progression/Pseudoprogression and Radiation Fibrosis vs Recurrence ?	Invited Speaker	23/09/2018 to 26/09/2018	International Association for the Study of Lung Cancer	International
450.	Conference	Real-World Experience of First-Line Afatinib Treatment in Patients with EGFR Mutant Advanced Non-Small Cell Lung Cancer	Poster	23/09/2018 to 26/09/2018	International Association for the Study of Lung Cancer (IASLC)	International
451.	Conference	First-Line Afatinib Dose Initiation and Adjustment in Patients with EGFR Mutant Advanced Non-Small Cell Lung Cancer	Poster	23/09/2018 to 26/09/2018	International Association for the Study of Lung Cancer (IASLC)	International

PROFESSIONAL AFFILIATION/MEMBERSHIP				
No	Organisation	Role	Duration	Level

PROFESSIONAL AFFILIATION/MEMBERSHIP				
No	Organisation	Role	Duration	Level
1	Research Institute of Tuberculosis, Japan Anti-tuberculosis Association	Honorary Member	15/07/1993 – (Lifetime Membership)	International
2	Working Party for the Consensus Statement of the Malaysian Thoracic Society on the Guidelines on Management of Adult Asthma	Member	01/01/1995 – 31/12/1996	National
3	Medical Consensus Development Panel for Guidelines on Management of Tuberculosis	Member	01/01/1996 – 31/12/1996	National
4	Working Party for the Consensus Statement of the Malaysian Thoracic Society on the Guidelines on Management of Chronic Obstructive Pulmonary Disease (1997/98)	Member	01/01/1997 – 31/12/1998	National
5	American College of Chest Physicians	Fellowship	27/10/1997 –	International
6	National Working Committee for Anti-asthma Medications (Jawatankuasa Kerja Ubat-ubatan Antiasthmatic) from 1 April 1998 – 31 March 2000	Member	01/04/1998 – 31/03/2000	National
7	Experts Consensus Statement on Evidence-based Recommendations on the Antimicrobial Management of Respiratory Tract Infections in South East Asia (1998)	Member	31/12/1998 – (Lifetime Membership)	International
8	Royal College of Physician	Fellowship	01/05/1999 – 31/12/2018	International
9	Royal College of Physicians	Fellowship	01/05/1999 –	International
10	Malaysian Thoracic Society	Active Member	01/01/2000 – (Lifetime Membership)	National
11	Working Party for the Revision of the Malaysian Thoracic Society Guidelines on Management of Adult Asthma (2000/2001)	Member	01/01/2000 – 31/12/2001	National
12	MALAYSIAN THORACIC SOCIETY	President	30/06/2001 – 24/07/2009	National
13	National Credentialing Committee for Respiratory Medicine	Member	01/01/2002 – (Lifetime Membership)	National
14	Asian Pacific Society of Respirology	Council Member	01/11/2002 – (Lifetime Membership)	International
15	Asian Pacific Society of Respirology	Active Member	02/01/2003 – (Lifetime Membership)	International
16	Academy of Medicine, Malaysia	Fellow Member	01/04/2004 – (Lifetime Membership)	National
17	Asia Pacific Lung Cancer Group	Member	24/08/2004 – (Lifetime Membership)	International
18	NATIONAL SPECIALIST REGISTER – RESPIRATORY MEDICINE SUBSPECIALTY SUBCOMMITTEE	Committee Member By Invitation	01/01/2005 – 31/12/2011	National
19	ASIAN PACIFIC SOCIETY OF RESPIROLOGY	Executive Council Member	01/01/2005 –	International
20	IRESSA (Gefitinib) Asia Advisory Board Meeting, 12–13 March 2005, Shanghai, China	Advisory Board	12/03/2005 – 13/03/2005	International
21	Specialist Group in Respiratory Illnesses for identifying National Health Research in priority areas for 9th Malaysia Plan	Advisory Committee	01/01/2006 – 31/12/2010	National

PROFESSIONAL AFFILIATION/MEMBERSHIP				
No	Organisation	Role	Duration	Level
22	Respirology, official journal of the Asian Pacific Society of Respirology (1 April 2006 to 31 December 2007)	Editorial Board Member	01/04/2006 – 30/12/2007	International
23	International Journal of Tuberculosis and Lung Disease (1 November 2006 to October 2009)	Editorial Board Member	01/11/2006 – 31/10/2009	International
24	American College of Chest Physician	International Regent Fro Malaysia	01/11/2006 – 31/10/2012	University
25	European Respiratory Society	Member	20/05/2007 –	International
26	Respirology, official journal of the Asian Pacific Society of Respirology (1 January 2008 to 31 March 2010)	Editorial Board Member	01/01/2008 – 31/03/2010	International
27	Working Group for Clinical Practice Guidelines for Chronic Obstructive Pulmonary Disease (2009 – 2010)	Chairman	01/01/2009 – 31/12/2010	National
28	Malaysian Thoracic Society	Council Member	01/08/2009 – 31/07/2015	National
29	International Association for the Study of Lung Cancer	Member	28/08/2009 –	National
30	International Association for the Study of Lung Cancer	Active Member	28/08/2009 – 27/08/2019	International
31	Lung Cancer section in Systemic Therapy for Cancer 2011 by the Ministry of Health, Malaysia	Committee Members	01/01/2011 – 31/12/2011	National
32	NATIONAL SPECIALIST REGISTER – RESPIRATORY MEDICINE SUBSPECIALTY SUBCOMMITTEE	Chairperson	04/01/2012 – 03/01/2014	National
33	Asia MRSA Pneumonia Advisory Board from 10 March 2012 to 25 April 2014	Advisory Board	10/03/2012 – 25/04/2014	International
34	ERLOTINIB IN FIRST LINE EGFR MUTATION POSITIVE (1L EGFR MUT +VE) NSCLC ADVISORY BOARD, 26 APRIL 2012,KUALA LUMPUR	Advisory Board	26/04/2012 – 26/04/2012	National
35	NSCLC (CRIZOTINIB) ADVISORY BOARD MEETING, 4 AUGUST 2012, SINGAPORE	Advisory Board	04/08/2012 – 04/08/2012	International
36	Respiratory Medicine Subspecialty Training Committee	Committee Member	28/09/2012 –	National
37	National Specialist Register – Committee for Respiratory Medicine Subspecialty Training	Active Member	28/09/2012 – 27/09/2014	National
38	Asian Pacific Society of Respirology	Fellow	12/12/2012 – (Lifetime Membership)	International
39	EGFR Mutated Non-Small Cell Lung Cancer Asia Pacific Regional Advisory Board 27 January 2013	Advisory Board	27/01/2013 – 27/01/2013	International
40	Ceftaroline Asia Pacific Advisory Board Meeting, Singapore, 26 July 2013	Advisory Board	26/07/2013 – 26/07/2013	International
41	Asia Pacific Area Respiratory Academy	Board Member	14/12/2013 – (Lifetime Membership)	International
42	NATIONAL SPECIALIST REGISTER – RESPIRATORY MEDICINE SUBSPECIALTY SUBCOMMITTEE	Council Member	04/01/2014 – 03/01/2016	National
43	Advisory Board Meeting on Afatinib, Kuala Lumpur on 23 February 2014	Advisory Board	23/02/2014 – 23/02/2014	National
44	Revision of National Chemotherapy Protocol 2014 for Lung Cancer by the Ministry of Health, Malaysia	Committee Member	02/04/2014 – 31/12/2015	National
45	Asia Pacific South Africa region Ceritinib (LDK378) Advisory Board, meeting held at Taipei, Taiwan on 12 April 2014	Advisory Board	12/04/2014 – 12/04/2014	International

PROFESSIONAL AFFILIATION/MEMBERSHIP				
No	Organisation	Role	Duration	Level
46	Malaysian Pneumococcal Disease Advisory Board: Focus on the Adult Patient, meeting held Kuala Lumpur, 14 September 2014	Advisory Board	14/09/2014 – 14/09/2014	National
47	Asia Pacific COPD Exacerbation Advisory Board Meeting, Seoul, Korea, 27 September 2014	Advisory Board	27/09/2014 – 27/09/2014	International
48	Asia Pacific (Regional) Lung Cancer Advisory Board Meeting 5 November 2014, Shangri-La Hotel	Advisory Board	05/11/2014 – 05/11/2014	International
49	ASTHMA & COPD RESPIRATORY ASIAN SCIENTIFIC EXPERTS MEETING, BALI, INDONESIA, 12-13 NOV 2014	Advisory Board	12/11/2014 – 13/11/2014	International
50	Idiopathic Pulmonary Fibrosis Regional Expert Meeting, Dubai, United Arab Emirates, 4-5 December 2014	Advisory Board	04/12/2014 – 05/12/2014	International
51	Asia Pacific Area Respiratory Academy	Chairman	01/01/2015 – 31/12/2015	International
52	HONG KONG INTERNATIONAL REGIONAL ADVISORY BOARD MEETING ON AZD9291, HONG KONG, 4 FEBRUARY 2015	Advisory Board	04/02/2015 – 04/02/2015	International
53	IGNITE Advisory Board Meeting on COPD, Le Meridien, Kuala Lumpur, 9 May 2015	Advisory Board	09/05/2015 – 09/05/2015	National
54	Malaysian Thoracic Society	Auditor	06/06/2015 – 05/06/2017	National
55	Southeast Asia and South Korea Second Line NSCLC Advisory Board Meeting on 19 June 2015, Bangkok, Thailand	Advisory Board	19/06/2015 – 19/06/2015	International
56	Malaysian THoracic Society	Auditor	01/08/2015 – 31/07/2019	National
57	Asian Pacific Society of Respirology	Head Of Lung Cancer Assembly	01/01/2016 – 31/12/2018	International

AWARDS AND RECOGNITIONS				
No	Name of Award	Awarding Institution	Year Awarded	Level
1.	CERTIFICATE OF EXCELLENT SERVICE	University Malaya	2016	University
2.	EXCELLENCE SERVICE AWARD	University Malaya	2015	University
3.	KHIDMAT SETIA 30 AWARD		2015	
4.	30 years Loyal Service Award	University Of Malaya	2015	University
5.	EXCELLENCE SERVICE AWARD	University Malaya	2012	University
6.	CERTIFICATE OF EXCELLENT SERVICE	University Malaya	2009	University
7.	EXCELLENCE SERVICE AWARD	University Malaya	2008	University
8.	EXCELLENCE SERVICE AWARD	University Malaya	2005	University
9.	KHIDMAT SETIA 20 AWARD		2005	
10.	KHIDMAT SETIA 20 AWARD		2005	
11.	Silver Medal Award	Ministry Of Science, Technology & Innovation And Malaysian Invention And Design Society (minds)	2005	National
12.	Silver Medal Award	Ministry Of Science, Technology & Innovation And Malaysian Invention And Design Society (minds)	2005	National
13.	20 years Loyal Service Award	University Of Malaya	2005	University
14.	20 years Loyal Service Award	University Of Malaya	2005	University

AWARDS AND RECOGNITIONS				
No	Name of Award	Awarding Institution	Year Awarded	Level
15.	CERTIFICATE OF EXCELLENT SERVICE	University Malaya	2003	University
16.	Award for Service to the Community During the SARS Outbreak	Rotary Club Of Bukit Kiara Sunrise	2003	National
17.	Award for Service to the Community During the SARS Outbreak	Rotary Club Of Bukit Kiara Sunrise	2003	National
18.	CERTIFICATE OF EXCELLENT SERVICE	University Malaya	2002	University
19.	EXCELLENCE SERVICE AWARD	University Malaya	1996	University
20.	EXCELLENCE SERVICE AWARD	University Malaya	1995	University

ADMINISTRATIVE DUTIES			
No	Role	Level(Department, Faculty)	Duration
1	Programme Coordinator	Faculty	01/09/2016 to 31/12/2018
2	Programme Coordinator	Faculty	01/01/2015 to 31/12/2016
3	Division Chairman	Faculty	01/08/2014 to 31/07/2015
4	University of Malaya Medical Programme (UMMP) (Program Sarjana Muda Perubatan dan Sarjana Muda Pembedahan) Respiratory System Coordinator	Faculty	01/07/2013 to 30/06/2015
5	University of Malaya Medicine Programme (UMMP) Respiratory System Block Chairman	Faculty	01/04/2013 to 31/03/2015
6	Acting Head of Department	Faculty	27/12/2010 to 31/12/2010
7	Department Coordinator for Phase 3B MBBS programme, Department of Medicine New Integrated Curriculum (Faculty of Medicine, University of Malaya)	Faculty	03/05/2010
8	Department coordinator for Phase 3B undergraduate teaching	Faculty	01/05/2010
9	Member of Committee for Undergraduate MBBS Programme, Faculty of Medicine, University of Malaya from 5 February 2009 to 3 February 2011	Faculty	05/02/2009 to 03/02/2011
10	Member of Curriculum Committee for Medical Undergraduate Programme, Faculty of Medicine, University of Malaya 2008 (Ahli Jawatankuasa Kurikulum Program Perubatan, Fakulti Perubatan)	Faculty	01/01/2008 to 31/12/2008
11	Member of Committee for the Accreditation of Medical Undergraduate Programme, Faculty of Medicine, University of Malaya 2008 (Ahli Jawatankuasa Pengakreditasi Program Perubatan, Fakulti Perubatan)	Faculty	01/01/2008 to 31/12/2008

ADMINISTRATIVE DUTIES			
No	Role	Level(Department, Faculty)	Duration
12	Member of Senate, University of Malaya	University Malaya	20/10/2006 to 19/10/2009
13	Coordinator for Phase 3B New Integrated MBBS Curriculum	Faculty	01/02/2006 to 31/05/2009
14	Deputy Dean of Higher Degree	Faculty	21/07/2003 to 11/04/2005
15	Coordinator for Phase 3A and Phase 3B MBBS New Integrated Curriculum (Faculty of Medicine, University of Malaya)	Faculty	01/01/1998 to 01/01/2002
16	Head of Division of Respiratory Medicine, Department of Medicine	Faculty	01/01/1992

EVALUATIONS ACTIVITIES		
No	Title of Book/Thesis/Project/(Year)	Activity
1.	Internal examiner for Part 2 (Final) Master of Anaesthesiology Conjoint Examination, University of Malaya and University Kebangsaan Malaysia, 12–16 May 1995 (1995 – 1995)	Master Of Anaesthesiology Conjoint Examination
2.	Examiner for Part 2 (Final) Master of Anaesthesiology Conjoint Examination, University of Malaya and University Kebangsaan Malaysia, 12–19 May 1997 (1997 – 1997)	Master Of Anaesthesiology Conjoint Examination
3.	PREVALENCE OF SKIN PRICK TEST REACTIVITY AND ITS ASSOCIATION WITH ASTHMA SEVERITY IN ADULT ASTHMATICS by Master of Internal Medicine (UKM) candidate, Dr. Teo Peng-Hwi (1998) (1998 – 1998)	Thesis
4.	Examiner for Part 2 (Final) Master of Anaesthesiology Conjoint Examination, University of Malaya and University Kebangsaan Malaysia, May 1998 (1998 – 1998)	Master Of Anaesthesiology Conjoint Examination
5.	Examiner for Master of Ophthalmology Examination (Part 2) – Viva Voce, University of Malaya, June 1999 (1999 – 1999)	Master Of Ophthalmology Examination
6.	Examiner for Master of Ophthalmology Examination (Part 2) –Viva Voce, University of Malaya, November 1999 (1999 – 1999)	Master Of Ophthalmology Examination
7.	External examiner for University Kebangsaan Malaysia Bachelor of Dentistry Professional Examination, Part I Year III, March 2000 (2000 – 2000)	Bachelor Of Dentistry Examination (ukm)
8.	Examiner for Part 2 (Final) Master of Anaesthesiology Conjoint Examination, University of Malaya and University Kebangsaan Malaysia, May 2000 (2000 – 2000)	Master Of Anaesthesiology Conjoint Examination
9.	Examiner for Master of Ophthalmology Examination (Part 2) ♦ Viva Voce, University of Malaya, December 2000 (2000 – 2000)	Master Of Ophthalmology Examination
10.	'Neutrophil function, interleukin-8 and interleukin-10 in bronchiectasis' by Master of Internal Medicine (UKM) candidate, Dr. Ahmad Faizal Mohd. Perdaus (2000). (2000 – 2000)	Thesis

EVALUATIONS ACTIVITIES		
No	Title of Book/Thesis/Project/(Year)	Activity
11.	Examiner for Master of Ophthalmology Examination (Part 2) ♦ Viva Voce, University of Malaya, 13 December 2001 (2001 – 2001)	Master Of Ophthalmology Examination
12.	Examiner for Part 2 (Final) Master of Anaesthesiology Conjoint Examination, University of Malaya and University Kebangsaan Malaysia, November 2001 (2001 – 2001)	Master Of Anaesthesiology Conjoint Examination
13.	Examiner for MRCP Part II Practical Assessment of Clinical Examination Skills (PACES) Examination in University Malaya Medical Centre, Kuala Lumpur, 11–12 October 2004 (2004 – 2004)	Mrcp Part Ii (paces) Examination
14.	'\Snoring and Breathing Pauses During Sleep in the Malaysian Population\' by Master candidate, Dr Kamil Mohamed Ariff (Universiti Sarawak Malaysia) (2005) (2005 – 2005)	Thesis
15.	The Family Physician (1999 – 2005)	Article In Journal
16.	Examiner for MRCP Part II Practical Assessment of Clinical Examination Skills (PACES) Examination in University Malaya Medical Centre, Kuala Lumpur, November 2005. (2005 – 2005)	Mrcp Part Ii (paces) Examination
17.	Examiner for Part 2 (Final) Master of Anaesthesiology Conjoint Examination, University of Malaya and University Kebangsaan Malaysia, November 2006 (2006 – 2006)	Master Of Anaesthesiology Conjoint Examination
18.	Examiner for MRCP Part II Practical Assessment of Clinical Examination Skills (PACES) Examination in University Malaya Medical Centre, Kuala Lumpur, 31 October ♦ 1 November 2006. (2006 – 2006)	Mrcp Part Ii (paces) Examination
19.	'\Relationship between spirometric values, quality of life questionnaires score (SGRQ) and walking distance (6MWD) in the stratification of severity in chronic obstructive pulmonary disease (COPD)\' by Master of Internal Medicine candidate, Dr. Azarisman Shah Mohd. Shah (Universiti Kebangsaan Malaysia) (2006) (2006 – 2006)	Thesis
20.	Examiner for Master of Internal Medicine Part I and Part II Examinations at Universiti Sains Malaysia, 10–11 May 2006 (2006 – 2006)	Master Of Internal Medicine Examinations
21.	Examiner for MRCP Part II Practical Assessment of Clinical Examination Skills (PACES) Examination in University Malaya Medical Centre, Kuala Lumpur, 29 October ♦ 1 November 2007 (2007 – 2007)	Mrcp Part Ii (paces) Examination
22.	Associate Editor of Respirology, official journal of the Asian Pacific Society of Respirology (1 April 2006 to 31 December 2007) (2006 – 2007)	Respirology
23.	Examiner for MRCP Part II Practical Assessment of Clinical Examination Skills (PACES) Examination in University Malaya Medical Centre, Kuala Lumpur, 13–15 October 2008. (2008 – 2008)	Mrcp Part Ii (paces) Examination
24.	'\DIFFERENTIATION OF MYCOBACTERIAL SPECIES BY PCR–RESTRICTION ANALYSIS OF THE 65KDa HEAT SHOCK PROTEIN AND BETA SUBUNIT OF THE RNA POLYMERASE GENES\' by Master of Medical Science candidate, ONG CHIA SUI (MGN050009), 2009 (2009 – 2009)	Thesis
25.	Examiner for MRCP Part II Practical Assessment of Clinical Examination Skills (PACES) Examination in University Malaya Medical Centre, Kuala Lumpur, October 2009 (2009 – 2009)	Mrcp Part Ii (paces) Examination
26.	Associate Editor of International Journal of Tuberculosis and Lung Disease (1 November 2006 to October 2009) (2006 – 2009)	International Journal Of Tuberculosis And Lung Dis
27.	Examiner for MRCP Part II Practical Assessment of Clinical Examination Skills (PACES) Examination in University Malaya Medical Centre, Kuala Lumpur, October 2010 (2010 – 2010)	Mrcp Part Ii (paces) Examination

EVALUATIONS ACTIVITIES		
No	Title of Book/Thesis/Project/(Year)	Activity
28.	Journal of the University of Malaya Medical Centre (2005 – 2010)	Article In Journal
29.	Member of Editorial Board for Respiriology, official journal of the Asian Pacific Society of Respiriology (1 January 2008 to 31 March 2010) (2008 – 2010)	Respirology
30.	External examiner for Multimedia University Master candidate Ms Zirwatul Adilah Binti Aziz for her Master Thesis entitled ♦Molecular characterisation of multi-drug resistant isolates of Mycobacterium tuberculosis in Malaysia♦ 2011 (2011 – 2011)	Thesis
31.	Examiner for MRCP Part II Practical Assessment of Clinical Examination Skills (PACES) Examination in University Malaya Medical Centre, Kuala Lumpur, 10–12 October 2011 (2011 – 2011)	Mrcp Part Ii (paces) Examination
32.	External Examiner for UCSI Year 4, 2nd Professional Clinical Examination in Kuala Terengganu, 8–11 June 2012 (2012 – 2012)	Ucsi Year 4, 2nd Professional Clinical Examination
33.	Asia–Pacific Journal of Public Health (2009 – 2012)	Article In Journal
34.	Examiner for MRCP Part II Practical Assessment of Clinical Examination Skills (PACES) Examination in University Malaya Medical Centre, Kuala Lumpur, 17–18 October 2013 (2013 – 2013)	Mrcp Part Ii (paces) Examination
35.	External Examiner for International Medical University (IMU) Final Professional Examination (Part 1) Semester 9, Doctor of Medicine Programme, Seremban, 18–20 February 2013 (2013 – 2013)	International Medical University Final Profession
36.	Examiner for MRCP Part II Practical Assessment of Clinical Examination Skills (PACES) Examination in University Malaya Medical Centre, Kuala Lumpur, 18–19 October 2014 (2014 – 2014)	Mrcp Part Ii (paces) Examination
37.	Medical Journal of Malaysia (1995 – 2015)	Article In Journal
38.	Respirology (2002 – 2015)	Article In Journal
39.	International Journal of Tuberculosis and Lung Disease (2001 – 2015)	Article In Journal

EXPERT LINKAGES					
No	Linkages Description	Organisation	Year of Involvement	Duration	Level
1	Co–Chairman of Asia Pacific Area Respiratory Academy	Asia Pacific Area Respiratory Academy	2015	12	International
2	Revision of National Chemotherapy Protocol 2014 for Lung Cancer by the Ministry of Health, Malaysia	Ministry of Health, Malaysia	2014	24	National
3	Member of Asia Pacific Area Respiratory Academy	Asia Pacific Area Respiratory Academy	2013	36	International
4	Member of Asia Methicillin–Resistant Staphylococcus aureus Pneumonia Guideline Group	Methicillin–Resistant Staphylococcus aureus Pneumonia Guideline Group	2012	24	International
5	Member of Committee for Respiratory Medicine Subspecialty Training (Ministry of Health, Malaysia)	Ministry of Health, Malaysia	2012	24	National

EXPERT LINKAGES					
No	Linkages Description	Organisation	Year of Involvement	Duration	Level
6	Member of Asia Pacific Non-small Cell Lung Cancer Treatment Advisory Board	Asia Pacific Non-small Cell Lung Cancer Group	2012	1	International
7	Subgroup leader for Lung Cancer section in Systemic Therapy for Cancer 2011 by the Ministry of Health, Malaysia	Ministry of Health, Malaysia	2010	24	National
8	Chairman of Working Group for Clinical Practice Guidelines for Chronic Obstructive Pulmonary Disease	Working Group for Clinical Practice Guidelines for Chronic Obstructive Pulmonary Disease	2009	24	National
9	Member of Asia Pacific Lung Cancer Group	Asia Pacific Lung Cancer Group	2004	132	International
10	Member of Respiratory Medicine Subspecialty Board	National Specialty Register	2002	180	National
11	Honorary member of Research Institute of Tuberculosis, Japan Anti-tuberculosis Association	Research Institute of Tuberculosis, Japan Anti-tuberculosis Association	1993	264	International

TECHNICAL CONTRIBUTIONS						
No	Activity	Organisation	Role	From	Until	Level
1.	Expert Panel for Clinical Practice Guidelines for the Management of Community Acquired Pneumonia	Malaysian Thoracic Society and Academy of Medicine, Malaysia	Expert Advisor	2005		International
2.	National Credentialing Committee for Respiratory Medicine	Academy of Medicine, Malaysia and Malaysian Thoracic Society	Committee Member	2002	present	National
3.	Working Party for the Revision of the Malaysian Thoracic Society Guidelines on Management of Adult Asthma	Malaysian Thoracic Society	Committee Member	2000	2001	National
4.	Advisory Panel for the Drug Control Authority	Ministry of Health, Malaysia	Expert Advisor	1999	present	National
5.	National Working Committee for Anti-asthma Medications	Ministry of Health, Malaysia	Expert Advisor	1998	2000	National
6.	Working Party for the Consensus Statement of the Malaysian Thoracic Society on the Guidelines on Management of Chronic Obstructive Pulmonary Disease	Malaysian Thoracic Society	Committee Member	1997	1998	National
7.	Working Party for the Consensus Statement of the Malaysian Thoracic Society on the Guidelines on Management of Adult Asthma	Malaysian Thoracic Society	Committee Member	1995	1996	National

CONTRIBUTION TO SOCIETY				
No	Contribution To Society	Level	Start Date	End Date
1.	Invited panel member of Multidisciplinary Tumour Board discussion on complex thoracic cases at the 19th Malaysian Association for Thoracic and Cardiovascular Surgery Annual Scientific Meeting (CATCVS ASM), 9-12 August 2018, Sheraton Petaling Jaya Hotel	National	09/08/2018	12/08/2018

CONTRIBUTION TO SOCIETY				
No	Contribution To Society	Level	Start Date	End Date
2.	Chaired Sunrise Session on "Review on tuberculosis management in public and private healthcare facilities in Malaysia: the good and the gaps" by Dr. Nurhuda Ismail at Malaysian Thoracic Society Annual Congress 2018, 12-15 July 2018 at Zenith Hotel, Kuantan, Pahang	National	15/07/2018	15/07/2018
3.	Co-evaluator of paper poster free paper presentation (with Professor Dr. Hugh Davies) at RESPIRE 2018, 10th Annual Scientific Session of Sri Lanka College of Pulmonologists, 28-30 June 2018, Grand Kandyan Hotel, Kandy, Sri Lanka	International	28/06/2018	30/07/2018
4.	Member of Scientific Committee of the International Association for the Study of Lung Cancer (IASLC) Asia Conference on Lung Cancer (AFLC) 2018, 7-10 November 2018 in Guangzhou, China	International	08/05/2018	10/11/2018
5.	Co-chaired with Professor Takahshi 'International Symposium 2 on Update on immunotherapy, molecular targeted therapy and new targeted therapy in lung cancer' on 27 April 2018 at the 58th Annual Meeting of the Japanese Respiratory Society, 27-29 April 2018, Osaka International Convention Centre, Osaka, Japan	International	27/04/2018	27/04/2018
6.	Moderator for "Post EGFR-TKI progression biopsy: Who? When? What?" By Professor Pathmanathan Rajadurai at AstraZeneca National Oncology Summit 2018 7-8 April 2018, Pullman Hotel and Residences, Kuala Lumpur City Centre	National	07/04/2018	08/04/2018
7.	Moderator for the lecture "A roadmap to consensus: Disease entities within the asthma syndrome" by Roland Buhl and moderator for the Maga debate "Exacerbation in COPD - is LAMA alone enough?" by See Kay Choong and Seung Won Ra at the 2nd AstraZeneca Respiratory Summit & 5th Asia Respiratory Leadership Forum, 31 March - 1 April 2018, Intercontinental Hotel, Kuala Lumpur	National	31/03/2018	01/04/2018
8.	Invited speaker on "Continuum of care and sequential possibility: Management of EGFR M+ NSCLC" and "Real world experience from a single centre" at Regional Lung Forums in Jakarta on 24 March 2018 and in Surabaya on 25 March 2018	International	24/03/2018	25/03/2018
9.	Head of Lung Cancer Assembly for the Scientific Programme of 23rd Congress of the Asian Pacific Society of Respirirolgy (APSR 2017), 29 November - 2 December 2018, Taipei, Taiwan	International	01/01/2018	03/12/2018
10.	Chairman of Boehringer Ingelheim Thoracic Oncology Expert Meeting, 4th November 2017, Le Meridien Hotel, Kuala Lumpur	National	04/11/2017	04/11/2017
11.	Spoke on "Pros and Cons of Inhaled Corticosteroid (ICS) usage in COPD: Phenotypes requiring continued therapy with ICS" at Novartis Advisory Board meeting on Personalized therapy for COPD, 23 September 2017, Majestic Hotel, Kuala Lumpur	National	23/09/2017	23/09/2017
12.	Spoke on "Importance of prevention of exacerbations in COPD" at Novartis Advisory Board meeting on Personalized therapy for COPD, 23 September 2017, Majestic Hotel, Kuala Lumpur	National	23/09/2017	23/09/2017
13.	Invited speaker on "Immunotherapy: Bringing the Management of Advanced NSCLC to Greater Heights" at the MSD-Malaysian Oncological Society Continuous Medical Education on Immunotherapy, 2 September 2017 at G Hotel Kelawai, Penang	National	02/09/2017	02/09/2017
14.	Invited speaker on "Immunotherapies in Lung Cancer" at the Lung Cancer Master Class 2017 organised by Hospital Pulau Pinang, Malaysian Thoracic Society and Malaysian Association for Bronchoscopy and Interventional Pulmonology, 5 August 2017 at St Giles Penang, The Wembley Premier Hotel, Georgetown, Penang	National	05/08/2017	05/08/2017
15.	Invited speaker on "Epidemiology and aetiology of lung cancer plus the 8th edition of Lung Cancer Staging" at the Lung Cancer Master Class 2017 organised by Hospital Pulau Pinang, Malaysian Thoracic Society and Malaysian Association for Bronchoscopy and Interventional Pulmonology, 5 August 2017 at St Giles Penang, The Wembley Premier Hotel, Georgetown, Penang	National	05/08/2017	05/08/2017

CONTRIBUTION TO SOCIETY				
No	Contribution To Society	Level	Start Date	End Date
16.	Invited speaker on "Immunotherapy in lung cancer" at Malaysian Thoracic Society Annual Congress 2017, 20-23 July 2017 at Sunway Putra Hotel, Kuala Lumpur	National	20/07/2017	23/07/2017
17.	Speaker on "Smoker's lung, help me breathe" at Managing Asthma and COPD Effectively (MACE) 2017 organised by Malaysian Thoracic Society, 8 July 2017 at Kuala Lumpur Hilton, Kuala Lumpur	National	08/07/2017	08/07/2017
18.	Invited speaker on "Management Stratification and Treatment Optimisation in Stage III Lung Cancer" at Multidisciplinary Oncology Symposium Malaysia organised by Subang Jaya Medical Centre, 12-14 May 2017, Dorsett Grand Hotel, Subang Jaya	National	12/05/2017	14/05/2017
19.	Invited speaker on "Lung cancers: The Scale of Burden and the Changing Trends" at Multidisciplinary Oncology Symposium Malaysia organised by Subang Jaya Medical Centre, 12-14 May 2017, Dorsett Grand Hotel, Subang Jaya	National	12/05/2017	14/05/2017
20.	Invited speaker on "Treatment Approach on Triple Therapy in COPD" at Respiratory Summit under auspices of the Malaysian Thoracic Society, 29-30 April 2017, Lexis Suites, Penang	National	29/04/2017	30/04/2017
21.	Invited speaker on "Understanding the AURA Clinical Programme" at Lung Cancer Management in T790M Post-progression Setting Workshop (GENESIS) - Northern Chapter, 28 April 2017, G Hotel, Penang	National	28/04/2017	28/04/2017
22.	Invited speaker on "Lung Cancer: Personalised Medicine - Options in Lung Cancer Therapy" at Philippines College of Chest Physicians 36th Annual Convention, 7-10 March 2017, Philippine International Convention Center, Manila, Philippines	International	08/03/2017	08/03/2017
23.	Invited speaker on "Biopsy - Key to the Diagnostics at Progression" at National Oncology Summit 2017, 25-26 February 2017, Sheraton Imperial Hotel, Kuala Lumpur	National	25/02/2017	26/02/2017
24.	Head of Lung Cancer Assembly for the Scientific Programme of 22nd Congress of the Asian Pacific Society of Respiratory (APSR 2017), 23-26 November 2017, Sydney, Australia	International	01/01/2017	30/11/2017
25.	Invited speaker on "Lung cancer in Malaysia: the current situation" at Roche Oncology Educational Workshop: Biomarkers in Clinical Practice for Lung Cancer Patient Management, 16 July 2016, Double Tree by Hilton, Kuala Lumpur	National	16/07/2016	16/07/2016
26.	Invited speaker on "MEK1/2 inhibitors: focus on lung cancer" in 2nd International Association for the Study of Lung Cancer (IASLC) Workshop on Lung Cancer, Shanghai, China, 17-18 June 2016 (Shanghai Marriot Hotel Parkview, No. 333 Guangzhong West Road, Jingan District, Shanghai, P.R.China)	International	17/06/2016	18/06/2016
27.	Invited speaker on "Advances in Lung Cancer Management" at National TB & Lung Diseases Conference 2016, 1-3 April 2016, Grand Seasons Hotel, Kuala Lumpur (Organised by Institut Perubatan Respiratori, Ministry of Health Malaysia and Malaysian Association for the Prevention of Tuberculosis)	National	01/04/2016	03/04/2016
28.	Invited speaker on "The current shift in COPD Management: Dual bronchodilation in symptom control and exacerbation prevention" in Novartis Lunch Symposium at National TB & Lung Diseases Conference 2016, 1-3 April 2016, Grand Seasons Hotel, Kuala Lumpur (Organised by Institut Perubatan Respiratori, Ministry of Health Malaysia and Malaysian Association for the Prevention of Tuberculosis)	National	01/04/2016	03/04/2016
29.	Invited speaker on "Detecting a progressive disease: patience is not a virtue" at Zykadia (ceritinib) launch symposium: ASCEND to the NEXT GENERATION, 19 March 2016, PJ Live Art Centre, Jaya One, Petaling Jaya	National	19/03/2016	19/03/2016
30.	Chairman and invited speaker on "Asthma-COPD overlap syndrome" at AstraZeneca Peer-to-Peer Scientific Exchange Case Sharing, 18 March 2016, Le Meridien, Kuala Lumpur Sentral	National	18/03/2016	18/03/2016

CONTRIBUTION TO SOCIETY				
No	Contribution To Society	Level	Start Date	End Date
31.	Member of the Scientific Committee for the 2016 International Association for the Study of Lung Cancer (IASLC) Asia Pacific Lung Cancer Conference (APLCC 2016) be held on 13-16 May 2016 in Chiang Mai, Thailand	International	01/01/2016	16/05/2016
32.	Head of Lung Cancer Assembly for the Scientific Programme of 21st Congress of the Asian Pacific Society of Respiriology (APSR 2016), 12-15 November 2016, Bangkok, Thailand	International	01/01/2016	30/11/2016
33.	Spoke on The health effects of the haze in a panel discussion recorded for Astro Awani on 21 September 2015 under program Dialog Pemikir Negara representing the National Council of Professors (Majlis Profesor Negara)	National	21/09/2015	21/09/2015
34.	Advisor to Local Organising Committee for 20th Congress of the Asian Pacific Society of Respiriology (APSR), 3-6 December 2015, Kuala Lumpur	International	01/01/2015	31/12/2015
35.	Panelist for Multidiscipline diagnosis and treatment of non-small cell lung cancer and invited speaker on ALK-NSCLC Case Sharing at Pfizer Oncology Workshop: Winning Oncology Ways (POW-WOW) Lung Cancer Xalkori Launch Meeting, Hotel Lexis Port Dickson, 21 April 2013	National	21/04/2014	21/04/2013
36.	Invited speaker on Considerations from the Chest Physician s View in a symposium entitled Considerations in Advanced Non-small Cell Lung Cancer Treatment in Malaysia, organized by the Malaysian Oncological Society, Malaysian Thoracic Society and College of Pathologists, 3 March 2013, Kuala Lumpur	National	03/03/2014	03/03/2013
37.	Invited speaker on GLOBAL INITIATIVE FOR CHRONIC OBSTRUCTIVE LUNG DISEASE (GOLD) guidelines: focus on combination therapy AstraZeneca Asia Area Respiratory Academy Adboard Meeting, Le Meridien Kuala Lumpur, 14 Dec 2013	National	14/12/2013	14/12/2013
38.	Invited speaker on Current Treatment of COPD scenario in Malaysia in Optimal Bronchodilation in COPD Management seminar at Petaling Jaya Hilton, 1 December 2013	National	01/12/2013	01/12/2013
39.	Invited speaker on Considerations from the Chest Physician s View in a symposium entitled Considerations in Advanced Non-Small Cell Lung Cancer Treatment in Malaysia, jointly organised by the Oncological Society, Malaysian Thoracic Society and College of Pathologists, Penang, 16 November 2013	National	16/11/2013	16/11/2013
40.	Invited speaker on Patients with EGFR mutations should not receive adjuvant EGFR TKIs in a Pro/Con Session on EGFR as a target in early stage disease at 15th World Conference on Lung Cancer, Sydney, Australia, 27-30 October 2013.	International	27/10/2013	30/10/2013
41.	Co-Chairman with Dr. Edgardo Santos (USA) in Mini Oral Abstract Session on Small Cell Lung Cancer 1 at 15th World Conference on Lung Cancer, Sydney, Australia, 27-30 October 2013.	International	27/10/2013	30/10/2013
42.	Invited speaker on Patients with EGFR mutations should not receive adjuvant EGFR TKIs in a Pro/Con Session on EGFR as a target in early stage disease at 15th World Conference on Lung Cancer, Sydney, Australia, 27-30 October 2013.	International	27/10/2013	30/10/2013
43.	Invited speaker on Lung cancer in a Clinical Grand Round session at the 2013 Annual Congress of the Malaysian Thoracic Society, Kuala Lumpur, 14-16 June 2013	National	14/06/2013	16/06/2013
44.	Invited speaker on Advanced lung cancer: are we doing enough? in a Symposium on Lung Cancer at the Annual Congress of the Malaysian Thoracic Society, Kuala Lumpur, 14-16 June 2013	National	14/06/2013	16/06/2013
45.	Invited speaker on The Role of ErbB Family Blockade in NSCLC at 10 Years of SPIRIVA: Leading Respiratory Forward Meeting organized by Boehringer Ingelheim 24-26 May 2013, Rasa Sayang Resort & Spa, Batu Ferringhe, Penang	National	24/05/2013	26/05/2013

CONTRIBUTION TO SOCIETY				
No	Contribution To Society	Level	Start Date	End Date
46.	Invited speaker on COPD Guidelines in Symposium 10 Years in COPD How Far Have We Come? symposium at 10 Years of SPIRIVA: Leading Respiratory Forward Meeting organized by Boehringer Ingelheim 24–26 May 2013, Rasa Sayang Resort & Spa, Batu Ferringhe, Penang	National	24/05/2013	26/05/2013
47.	Talked on EGFR mutations in non-small cell lung cancer in the Bigger Picture programme on Business FM (BFM) on 31 July 2012	National	31/07/2012	31/07/2012
48.	Talked on EGFR mutations in non-small cell lung cancer in the Bigger Picture programme on Business FM (BFM) on 31 July 2012	National	31/07/2012	31/07/2012
49.	Invited speaker on "Lung cancer epidemiology and presenting symptoms" at public forum on Lung Cancer organized by Cancer Society of Malaysia, Sarawak Branch at Continental Hotel, Kuching on 19 November 2011	State	19/11/2011	19/11/2011
50.	Talked on World COPD Day 16 November 2011: Theme: Are you short of breath? You may have COPD! Ask your doctor about a simple breathing test called spirometry in conjunction with World COPD Day (16 November 2011) in the Bigger Picture programme on Business FM (BFM) on 14 November 2011	National	14/11/2011	14/11/2011
51.	Talked on COPD in conjunction with World COPD Day on RTM2 on 25 November 2010	National	25/11/2010	25/11/2010
52.	Talked on COPD in conjunction with World COPD Day on RTM2 on 25 November 2010	National	25/11/2010	25/11/2010
53.	Talked on Lung Cancer at EMPOWERED TO FIGHT CANCER CAMPAIGN at Dewan Serbaguna Sri Pantai Pantai Dalam, Kuala Lumpur on 21 November 2010	Community	21/11/2010	21/11/2010
54.	Public Forum on Lung Cancer at EMPOWERED TO FIGHT CANCER CAMPAIGN at Dewan Serbaguna Sri Pantai Pantai Dalam, Kuala Lumpur on 21 November 2010.	Local	21/11/2010	21/11/2010
55.	Talked on Lung Cancer in conjunction with the World No Tobacco Day (31 May 2010) in the Bigger Picture programme on Business FM (BFM) on 1 June 2010	National	01/06/2010	01/06/2010
56.	Talked on Lung Cancer on the Breakfast Show, LiteFM on 15 April 2010	National	15/04/2010	15/04/2010
57.	Talked on Lung Cancer on the Breakfast Show, LiteFM on 15 April 2010.	National	15/04/2010	15/04/2010
58.	The breath of life. In: Urban Health January 2005 page 8–9.	National	01/01/2005	31/01/2005
59.	Where danger lurks. In: Oh! General health December 2004 page 50–51	National	01/12/2004	31/12/2004
60.	Talked on Chronic obstructive pulmonary disease in conjunction with World COPD Day Radio 4, RTM 24 November 2004.	National	24/11/2004	24/11/2004
61.	Chronic disorder that impairs lung function (On Health). In: Sunday Star June 2, 2002 page 19.	National	02/06/2002	02/06/2002
62.	Smoke in your lungs. In: Sunday Mail 2 June 2002	National	02/06/2002	02/06/2002
63.	Talked on Chronic obstructive pulmonary disease in conjunction with World No Tobacco Day (30 May 2001) on Carry On. TV2, RTM 27 May 2001.	National	27/05/2001	27/05/2001
64.	Permaidani Punca Penyakit Asma. MASSA (Majallah berita mingguan) 21 Februari 1998 m.s. 52–53	National	01/02/1998	21/02/1998
65.	Patients should be educated on early symptoms of TB. Malaysian Medical Tribune, 15 January 1998; page 7	National	15/01/1998	15/01/1998
66.	START studies asthma treatment. The STAR newspaper December 10 1997; page Section 2/16.	National	10/12/1997	10/12/1997
67.	APPEARANCE ON TV / RADIO: Talked on Lung Cancer on Rhythm of the Nation. Radio 4, RTM. Hosted by Alan Zachariah. September 1997.	National	10/09/1997	10/09/1997
68.	Malaysia in global asthma study – inhaled glucocorticosteroids in newly diagnosed asthma to be investigated. MALAYSIAN MEDICAL TRIBUNE 35; 11/97: 1 July 1997; page 1.	National	01/07/1997	01/07/1997

CONTRIBUTION TO SOCIETY				
No	Contribution To Society	Level	Start Date	End Date
69.	Preventing asthma. NEW STRAITS TIMES June 12, 1997; page 8.	National	12/06/1997	12/06/1997
70.	Hopeful START for asthma patients. The STAR newspaper June 4 1997; page Section 2/13.	National	04/06/1997	04/06/1997
71.	Kesihatan keluarga: penghidap barah paru-paru. UMMI Julai 1994; m.s. 44-45.	National	01/07/1994	15/07/1994
72.	Herhati-hati bila mengidap penyakit asma. KELUARGA Jun 1992; m.s. 82-83.	Country	01/06/1992	15/06/1992

PUBLICATIONS : BOOK			
No	Detail of Publication	Author	Year
1	Liam CK (Chairman of COPD Clinical Practice Guideline Working Group). Clinical Practice Guidelines on the Management of Chronic Obstructive Pulmonary Disease (2nd edition). Ministry of Health, Academy of Medicine of Malaysia, and Malaysian Thoracic Society, 2009	<ul style="list-style-type: none"> Liam Chong Kin 	2009

PUBLICATIONS : CHAPTER IN BOOK			
No	Detail of Publication	Author	Year
1	Liam CK. Lung Cancer in Malaysia ♦ epidemiology and management practices. In: P M Parikh, Kumar Prabhash, Sachin Hingmire (eds). The Oncology Knowledge Bank: Lung Cancer Vol 2, 2008	<ul style="list-style-type: none"> Liam Chong Kin 	2008
2	Liam CK. The present status and problems of bronchial asthma, COPD, and other chronic respiratory diseases in Malaysia. In: Sohei Makino & Hironori Sagara (eds). Present status of prevalence and management of chronic respiratory disease in Asia-Pacific (Co-sponsored by World Health Organization and Japanese Federation of Allergy). Elsevier Japan; 2006. p 34-8	<ul style="list-style-type: none"> Liam Chong Kin 	2006
3	Liam CK. The patient with deteriorating asthma. In: Drs. Chan Yoo Kuen & Ng Kwee Peng (eds). Management Aspects of Acute Care. University of Malaya Press, Kuala Lumpur 2006. p 67-83	<ul style="list-style-type: none"> Liam Chong Kin 	2006

PUBLICATIONS : ARTICLE IN ACADEMIC JOURNALS			
No	Detail of Publication	Author	Year
1	Liam CK. Role of routine laryngeal endoscopic assessment after lung cancer surgery. <i>Respirology</i> 2018 Jan;23(1):10-11. doi: 10.1111/resp.13172	<ul style="list-style-type: none"> Liam Chong Kin 	2018
2	Poh ME, Liam CK, Rajadurai P, Chai CS. Epithelial-to-Mesenchymal Transition (EMT) Causing Acquired Resistance to Afatinib in a Patient with Epidermal Growth Factor Receptor (EGFR)-Mutant Lung Adenocarcinoma (Manuscript ID: JTD-18-141) (Accepted for publication by <i>Journal of Thoracic Disease</i> on 19 June 2018)	<ul style="list-style-type: none"> Poh Mau Ern Liam Chong Kin 	2018
3	136. Yi-Long Wu, Victor Lee, Chong-Kin Liam, Shun Lu, Keunchil Park, Vichien Srimuninnimit, Jie Wang, Caicun Zhou, Anita Appius, Peter Button, Gregory Hooper, John F. Palma, Katja Schulze, Sidney Scudder, David S. Shames, Anny-Yue Yin, Guili Zhang, and Tony Mok, on behalf of the ENSURE, FASTACT-2, and ASPIRATION Investigators. Clinical utility of a blood-based EGFR mutation test in patients receiving first-line erlotinib therapy in the ENSURE, FASTACT-2, and ASPIRATION studies. Submitted to <i>Lung Cancer</i> (8 June 2018)	<ul style="list-style-type: none"> Liam Chong Kin 	2018

PUBLICATIONS : ARTICLE IN ACADEMIC JOURNALS			
No	Detail of Publication	Author	Year
4	David-Wang A, Price D, Cho SH, Ho JC, Liam CK, Neira G, Teh PL; REcognise Asthma and Link to Symptoms and Experience (REALISE) Asia Working Group. Development and validation of an attitudinal-profiling tool for patients with asthma. <i>Allergy, Asthma & Immunology Research</i> 2017; 9(1):43-51.	<ul style="list-style-type: none"> Liam Chong Kin 	2017
5	N Mohamad, P Jayalakshmi, A Rhodes, C-K Liam, J-L Tan, S Yousoof, P Rajadurai (2017). Anaplastic lymphoma kinase (ALK) mutations in patients with adenocarcinoma of the lung. <i>British Journal of Biomedical Science</i> , https://doi.org.10.1080/09674845.2017 .	<ul style="list-style-type: none"> Liam Chong Kin Pailoor Jayalakshmi Tan Ji Mohamad N P Rajadurai S Yousoof Charles Anthony Rhodes 	2017
6	Chai CS, Liam CK, Pang YK, Kow KS, Wong CK, Poh ME, Tan JL. Epidermal growth factor receptor mutation in newly diagnosed lung adenocarcinoma. <i>Journal of Respiratory Medicine & Lung Disease</i> 2017; 2(2): 1016. ISSN: 2475-5761	<ul style="list-style-type: none"> Liam Chong Kin 	2017
7	Eich A, Urban V, Jutel M, Vlcek J, Shim JJ, Trofimov VI, Liam CK, Kuo PH, Hou Y, Xiao J, Branigan P, O'Brien CD (Andreas Eich, Veronika Urban, Marek Jutel, Jiri Vlcek, Jae Jeong Shim, Vasiliy I. Trofimov, Chong-Kin Liam, Ping-Hung Kuo, Yanyan Hou, Jun Xiao, Christopher D. O'Brien). A randomized, placebo-controlled phase 2 trial of CNTO 6785 in chronic obstructive pulmonary disease. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> 2017 Oct;14(5):476-483	<ul style="list-style-type: none"> Liam Chong Kin 	2017
8	Chai CS, Liam CK, Mun KS. Small cell transformation and T790M mutation as co-resistance mechanisms for first-line epidermal growth factor receptor (EGFR) tyrosine kinase inhibitor (TKI) therapy failure. <i>Journal of Thoracic Oncology</i> 2017 Oct;12(10):e171-e173. doi: 10.1016/j.jtho.2017.06.068.	<ul style="list-style-type: none"> Liam Chong Kin 	2017
9	Liam CK. Editorial on Osimertinib as first-line treatment of EGFR mutant advanced non-small-cell lung cancer. <i>Translational Lung Cancer Research</i> (in press)	<ul style="list-style-type: none"> Liam Chong Kin 	2017
10	Mei-Ling Sharon Tai, Eugene Choon Li Tan; Choon Chin ANG; Chong-Kin Liam. Recurrent strokes secondary to marantic endocarditis in a patient with adenocarcinoma of the lung. <i>Singapore Med J</i> 2016; 57(9): 524-525.	<ul style="list-style-type: none"> Liam Chong Kin 	2016
11	Aileen David-Wang, David Price, Sang-Heon Cho, James Chung-Man Ho, Chong-Kin Liam, Glenn Neira, Pei-Li Teh for the REcognise Asthma and Link to Symptoms and Experience (REALISE) Asia Working Group. Development and validation of an attitudinal-profiling tool for patients with asthma. <i>Allergy, Asthma & Immunology Research</i> 2016 (published online)	<ul style="list-style-type: none"> Liam Chong Kin 	2016
12	David Price, Aileen David-Wang, Sang-Heon Cho, James Chung-Man Ho, Jae-Won Jeong, Chong-Kin Liam, Jiangtao Lin, Abdul Razak Muttalif, Diahn-Warng Perng, Tze-Lee Tan, Faisal Yunus, Glenn Neira. Asthma in Asia: physician perspectives on control, inhaler use and patient communications. <i>Journal of Asthma</i> 2016; 53(7):761-769	<ul style="list-style-type: none"> Liam Chong Kin 	2016
13	Jiunn-Liang Tan, Zheng-Xin Yong, Chong-Kin Liam. Using a chemiresistor-based alkane sensor to distinguish exhaled breaths of lung cancer patients from subjects with no lung cancer. (Accepted by <i>Journal of Thoracic Disease</i> 8 August 2016) Manuscript ID: JTD-16-1606B	<ul style="list-style-type: none"> Liam Chong Kin 	2016
14	125. David Price, Aileen David-Wang, Sang-Heon Cho, James Chung-Man Ho, Jae-Won Jeong, Chong-Kin Liam, Jiangtao Lin, Abdul Razak Muttalif, Diahn-Warng Perng, Tze-Lee Tan, Faisal Yunus, Glenn Neira. Asthma in Asia: physician perspectives on control, inhaler use and patient communications. Submitted to <i>Journal of Asthma</i> on 1 September 2015 (Manuscript ID: LJAS 2015 0289)	<ul style="list-style-type: none"> Liam Chong Kin 	2015

PUBLICATIONS : ARTICLE IN ACADEMIC JOURNALS			
No	Detail of Publication	Author	Year
15	Price D, David-Wang A, Cho SH, Ho J, Jeong JW, Liam CK, Lin JT, Muttalif A, Perng DW, Tan TL, Yunus F, Neira G. Time for a new language for asthma control: results from REALISE Asia. <i>Journal of Asthma and Allergy</i> (in press)	<ul style="list-style-type: none"> Liam Chong Kin 	2015
16	Hasmukharay K, Saedon N, Pang YK, Liam CK, Tan KM. Hypersensitivity Pneumonitis in an Older Person, the Importance of Revisiting a Diagnosis. <i>European Geriatric Medicine</i> 2015; 6:462-464	<ul style="list-style-type: none"> Liam Chong Kin 	2015
17	Liam CK, Sita Andarini, Pyng Lee, James CM Ho, Ngo Quy Chau, Jamsak Tscheikuna. Invited review: Lung cancer staging now and in the future. <i>Respirology</i> 2015 May; 20 (4):526-534	<ul style="list-style-type: none"> Liam Chong Kin 	2015
18	Yi-long Wu, Caicun Zhou, Chong-Kin Liam, Gang Wu, Xiaoqing Liu, Zhaoyang Zhong, Shun Lu, Ying Cheng, Baohui Han, Lei Chen, Cheng Huang, Shukui Qin, Yunzhong Zhu, Hongming Pan, Houjie Liang, Enxiao Li, Guoliang Jiang, Soon Hin How, Marie Cherry Lynn Fernando, Yifei Zhang, Fan Xia, Yunxia Zuo. First-line erlotinib versus gemcitabine/cisplatin in patients with advanced EGFR mutation-positive non-small-cell lung cancer: analyses from the phase III, randomized, open-label, ENSURE study. <i>Annals of Oncology</i> (ANNO- 2015-0307) accepted for publication on 11 June 2015	<ul style="list-style-type: none"> Liam Chong Kin 	2015
19	Cao B, Tan TT, Poon E, Wang JT, Kumar S, Liam CH, Ahmed K, Moral P, Qiu H, Barez MY, Buntaran L, Tampubolon OE, Thamlikitkul V. Consensus statement on the management of methicillin-resistant <i>Staphylococcus aureus</i> nosocomial pneumonia in Asia. <i>The Clinical Respiratory Journal</i> 2015; Apr; 9 (2):129- 142. doi: 10.1111/crj.12134. Epub 2014 May 21	<ul style="list-style-type: none"> Liam Chong Kin 	2015
20	Liam CK, Pang YK, Poh ME. Letter to the editor: EGFR mutations in Asian patients with advanced lung adenocarcinoma. <i>Journal of Thoracic Oncology</i> 2014 Sep; 9(9):e70-71.	<ul style="list-style-type: none"> Pang Yong Kek Liam Chong Kin 	2014
21	Liam CK, Wong CK, Tan JL. Letter to the editor: EGFR mutation detection by PCR-direct sequencing and allele-specific real-time PCR. <i>Journal of Thoracic Oncology</i> 2014 Sep; 9(9):e71-72.	<ul style="list-style-type: none"> Liam Chong Kin 	2014
22	Liam CK, Pang YK, Kow KS. Lung adenocarcinoma with ipsilateral pleural and breast metastases. <i>Journal of Thoracic Oncology</i> 2014; 9(1):e8-9	<ul style="list-style-type: none"> Liam Chong Kin 	2014
23	Chiu KC, Boonsawat W, Cho SH, Cho YJ, Hsu JY, Liam CK, Muttalif AR, Nguyen HD, Nguyen VN, Wang C, Kwon N. Patients beliefs and behaviors related to treatment adherence in patients with asthma requiring maintenance treatment in Asia. <i>Journal of Asthma</i> 2014 Aug; 51(6):652-659.	<ul style="list-style-type: none"> Liam Chong Kin 	2014
24	Liam CK, Leow HR, How SH, Pang YK, Chua KT, Lim BK, Lai NL, Kuan YC, Pailoor J, Rajadurai P. Epidermal growth factor receptor mutations in non-small cell lung cancers in a multiethnic Malaysian patient population. <i>Asian Pacific Journal of Cancer Prevention</i> , Vol 15, 2014	<ul style="list-style-type: none"> Pang Yong Kek Liam Chong Kin 	2014
25	Mau-Ern Poh, Chong-Kin Liam, Jiunn-Liang Tan, Yong-Kek Pang, Chee-Kuan Wong, Ken-Siong Kow. Acrometastasis from an epidermal-growth-factor-receptor (EGFR) mutation-positive lung adenocarcinoma. <i>Cancer Treatment Communications</i> 2014; 2 (Issues 2-3):21-23 DOI: 10.1016/j.ctcr.2014.08.004	<ul style="list-style-type: none"> Liam Chong Kin 	2014
26	Mau-Ern Poh, Chong-Kin Liam, Kee-Peng Ng, Ruixin Tan. <i>Mycobacterium brisbanense</i> sp. nov. causing chronic pneumonia. <i>Chest</i> 2014; 145(4):858-860	<ul style="list-style-type: none"> Liam Chong Kin 	2014
27	Liam CK, Pang YK, Chua CT. Satisfaction level and asthma control among Malaysian asthma patients on Symbicort maintenance and reliever therapy (SMART) in the primary care setting (SMARTTEST Study). Accepted by <i>Asia Pacific Journal of Allergy and Immunology</i>	<ul style="list-style-type: none"> Liam Chong Kin 	2014

PUBLICATIONS : ARTICLE IN ACADEMIC JOURNALS			
No	Detail of Publication	Author	Year
28	Li Shyan CH'NG,1, Shaik Ismail Bux,1, Chong Kin Liam,2, Nazarina Abdul Rahman,3, Choon Yan Ho,3 Sandstorm Appearance of Pulmonary Alveolar Microlithiasis Incidentally Detected in a Young, Asymptomatic Male Korean Journal of Radiology Volume 14(5); Sep-Oct 2013	<ul style="list-style-type: none"> • Liam Chong Kin • Nazarina Binti Abdul Rahman • Ho Choon Yan • Chng Li Shyan • Shaik Ismail Bux 	2013
29	Liam CK, Pang YK, Poh ME, Kow KS, Wong CK, Varughese R. Advanced right lung adenocarcinoma with ipsilateral breast metastasis. <i>Respirology Case Reports</i> 2013; 1 (1):20-22	<ul style="list-style-type: none"> • Liam Chong Kin 	2013
30	Mau-Ern POH, Chong-Kin LIAM, Yong-Kek PANG, Keong- Tiong CHUA. Endobronchial metastasis causing total lung collapse from renal cell carcinoma resected 5 years ago. <i>Respirology Case Reports</i> 2013; 1(2):26-27	<ul style="list-style-type: none"> • Liam Chong Kin 	2013
31	Yong-Kek Pang, Yun-Fong Ngeow, Yan-Ling Wong, Chong- Kin Liam. Mycobacterium abscessus ♦ to treat or not to treat? <i>Respirology Case Reports</i> 2013 Dec;1(2):31-3. doi: 10.1002/rcr2.17. Epub 2013 Sep 11	<ul style="list-style-type: none"> • Liam Chong Kin 	2013
32	Radhakrishnan A, Raj VL, Tan LK, Liam CK (Ammu Kutty Radhakrishnan, Vijaya Lechimi Raj, Lee-Keng Tan, Chong- Kin Liam). Single nucleotide polymorphism in the promoter of the human interleukin-13 gene is associated with asthma in Malaysian adults. <i>BioMed Research International (Biomed Res Int.)</i> 2013; 2013:981012. doi: 10.1155/2013/981012	<ul style="list-style-type: none"> • Liam Chong Kin 	2013
33	Chong-Kin Liam, Mohamed Ibrahim A Wahid, Pathmanathan Rajadurai, Yoke-Kqueen Cheah, Tiffany Shi-Yeen Ng. Epidermal growth factor receptor mutations in lung adenocarcinoma in Malaysian patients. <i>Journal of Thoracic Oncology</i> 2013; 8:766-772.	<ul style="list-style-type: none"> • Liam Chong Kin 	2013
34	Liam CK, Leow HR, Pang YK. Letter to the editor: EGFR mutation testing for squamous cell lung carcinoma. <i>Journal of Thoracic Oncology</i> 2013; Volume 8, Number 12:e114	<ul style="list-style-type: none"> • Liam Chong Kin 	2013
35	Kuan YC, How SH, Ng TH, Liam CK, Mohd Ashri A, Mohammed Fauzi AR. Airway Y-stent insertion in tracheobronchomalacia: a new experience. <i>The International Medical Journal Malaysia</i> 2012; 11(1):51- 53.	<ul style="list-style-type: none"> • Liam Chong Kin 	2012
36	Liam CK, Rithranesan M, Lee CH, Pang YK, Chua KT, Lim BK. Outcomes of Malaysian patients with advanced lung adenocarcinoma and unknown epidermal growth factor receptor mutation status treated with gefitinib. <i>Asia- Pacific Journal of Clinical Oncology</i> 2012; 8(3):267 ♦274.	<ul style="list-style-type: none"> • Liam Chong Kin 	2012
37	Kuan YC, How SH, Ng TH, Liam CK, Mohd Ashri A, Mohammed Fauzi AR. Airway Y-stent insertion in tracheobronchomalacia: a new experience. <i>The International Medical Journal Malaysia</i> 2012; 11(1):51- 53.	<ul style="list-style-type: none"> • Liam Chong Kin 	2012
38	Ngui R, Lim YAL, Liam CK, Chow SC, Shukri J. Association between anaemia, iron deficiency anaemia and neglected parasitic infections and socioeconomic factors in rural children of West Malaysia. (PNTD-D-11- 00624R3) <i>Negl Trop Dis</i> 6(3): e1550	<ul style="list-style-type: none"> • Liam Chong Kin 	2012
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No	Detail of Publication	Author	Year
2	Caicun Zhou, Yun Fan, Huijuan Wang, Chong Kin Liam, Chengjie Hu, Agnieszka Cseh. Afatinib in patients with advanced HER2 mutation-positive (m+) NSCLC previously treated with chemotherapy. World Conference on Lung Cancer 4-7 December 2016, Vienna, Austria	<ul style="list-style-type: none"> Liam Chong Kin 	2016
3	Noraini Mohamad, Pailoor Jayalakshmi, Chong-Kin Liam, Jiunn-Liang Tan, Saira Bahnu Mohamed Yousoof, Pathmanathan Rajadurai. Detection of EML4-ALK in lung adenocarcinoma with immunohistochemistry and Fluorescent-in-situ hybridization technique. The 2015 Annual Scientific Meeting of the College of Pathologists, Academy of Medicine Malaysia & 40th Anniversary Celebration of the Pathology Advocates was held at Berjaya Time Square Hotel, Kuala Lumpur from 13-14 June 2015, poster P-AP15. Malaysian J Pathol 2015; 37(2) : 175 211; page 188	<ul style="list-style-type: none"> Liam Chong Kin 	2015
4	Perng DW, Liam CK, Yunus F, Cho SH, David-Wang A, Ho JC, Jeong JW, Lin JT, Muttalif AR, Tan TL, Neira G for the Recognize Asthma and Link to Symptoms and Experience (REALISE) Asia Working Group. Patterns of hospitalization and healthcare utilization across attitudinal clusters: Analysis from patient survey in Asia. (Abstract O-A-014) Respirology 2014; 19 (Supplement 3):6	<ul style="list-style-type: none"> Liam Chong Kin 	2014
5	David-Wang A, Tan TL, Yunus F, Cho SH, Ho JC, Jeong JW, Liam CK, Lin JT, Muttalif AR, Perng DW, Neira G for the Recognize Asthma and Link to Symptoms and Experience (REALISE) Asia Working Group. Preferred sources of information on asthma: Data from multinational survey of patients in Asia. (Abstract P-A-023) Respirology 2014; 19 (Supplement 3):71.	<ul style="list-style-type: none"> Liam Chong Kin 	2014
6	How SH, Pang YK, Liam CK, Manap RA, Muttalif AR, Kassim A, Ng CK, Idris I, Low GKS. A survey on COPD diagnosis among Primary Care Physicians in Malaysia. (Abstract P-F-067) Respirology 2014; 19 (Supplement 3):120	<ul style="list-style-type: none"> Liam Chong Kin 	2014
7	Muttalif AR, Lin JT, Cho SH, David-Wang A, Ho JC, Jeong JW, Liam CK, Perng DW, Tan TL, Yunus F, Neira G for the Recognize Asthma and Link to Symptoms and Experience (REALISE) Asia Working Group. Differences in patient-perceptions and levels of asthma control across 8 Asian countries: data from the REALISE Asia survey. (Abstract P-A-031) Respirology 2014; 19 (Supplement 3):74.	<ul style="list-style-type: none"> Liam Chong Kin 	2014
8	Ho JC, Yunus F, Liam CK, David-Wang A, Cho SH, Jeong JW, Lin JT, Muttalif AR, Perng DW, Tan TL, Neira G for the Recognize Asthma and Link to Symptoms and Experience (REALISE) Asia Working Group. Awareness and usage of inhalers among patients with asthma: findings from REALISE Asia. (Abstract P-A- 022) Respirology 2014; 19 (Supplement 3):70	<ul style="list-style-type: none"> Liam Chong Kin 	2014
9	Cho SH, David-Wang A, Ho JC, Jeong JW, Liam CK, Lin JT, Muttalif AR, Perng DW, Tan TL, Yunus F, Neira G for the Recognize Asthma and Link to Symptoms and Experience (REALISE) Asia Working Group. Identification of attitudinal clusters in patients with asthma: analysis of REALISE Asia. (Abstract O- A-011) Respirology 2014; 19 (Supplement 3):4.	<ul style="list-style-type: none"> Liam Chong Kin 	2014
10	SH Cho, A David-Wang, JC Ho, JW Jeong, CK Liam, JT Lin, AR Muttalif, DW Perng, TL Tan, F Yunus, G Neira for the Recognize Asthma and Link to Symptoms and Experience (REALISE) Asia Working Group. Discrepancy between patient-perception and guideline-defined asthma control in Asia: A survey of over 2400 patients. (Abstract O-A-013) Respirology 2014; 19 (Supplement 3):5	<ul style="list-style-type: none"> Liam Chong Kin 	2014
11	Tan J-L, Liam C-K, Pailoor J, Pang Y-K, Rajadurai P. Epidermal growth factor receptor mutations in lung squamous cell carcinoma in smokers and never smokers. (Abstract O-J-013) Respirology 2014; 19 (Supplement 3):36	<ul style="list-style-type: none"> Liam Chong Kin 	2014

PUBLICATIONS : PROCEEDING			
No	Detail of Publication	Author	Year
12	CK Liam, HR Leow, SH How, YK Pang, KT Chua, NL Lai, BK Lim, CH Lee, YC Kuan, P Jayalakshimi, R Pathmanathan. A Prospective Study on Epidermal Growth Factor Receptor Mutations in Non-Small Cell Lung Cancer in Malaysian Patients. <i>Respirology</i> 2012; 17 (Suppl. 2), page 92 (Abstract 345).	<ul style="list-style-type: none"> Liam Chong Kin 	2012
13	CK Liam, MI A Wahid, P Rajadurai, YK Cheah, TSY Ng. Epidermal Growth Factor Receptor Mutations in Lung Adenocarcinoma in a Multiethnic Population. <i>Respirology</i> 2012; 17 (Suppl. 2), page 90 (Abstract 317).	<ul style="list-style-type: none"> Liam Chong Kin 	2012
14	Liam CK, Leow HR, Pang YK, Chua KT, Lim BK, Lee CH, Lai NL, Pailoor J, Rajadurai P. Epidermal growth factor receptor mutations in adenocarcinoma in Malaysian patients. Abstract No. 980. Oral presentation at 16th Asian Pacific of Respirology Congress 3-6 November 2011, Shanghai International Convention Centre. <i>Respirology</i> 2011; 16 (Suppl 2):page 172-173	<ul style="list-style-type: none"> Liam Chong Kin 	2011
15	Vijaya Lechimi Raj, Rakesh Naidu, Ammu Radhakrishnan, Mohd Rais Mustafa, Liam Chong Kin. Association between polymorphisms of IL-4 production levels and β 2-adrenoceptor polymorphisms in asthmatics: a Malaysian perspective. Abstract No. 1102 at 16th Asian Pacific of Respirology Congress 3-6 November 2011, Shanghai International Convention Centre. <i>Respirology</i> 2011; 16 (Suppl 2):page 216	<ul style="list-style-type: none"> Liam Chong Kin 	2011
16	Chong-Kin Liam, Muventhiran Ruthranesan, Chee-Hong Lee, Yong-Kek Pang, Keong-Tiong Chua, Boon-Khaw Lim. PD 15-02 Response and progression-free survival with gefitinib treatment in Malaysian patients with advanced lung adenocarcinoma. <i>Respirology</i> 2009; 14:A249	<ul style="list-style-type: none"> Liam Chong Kin 	2009
17	Westerhout C. J. Jayapragasam, K. J. Kumar G, M.L Tan, L. H Liam C.K Poosparajah, 1430 Can The Chest Xray Predict Pulmonary Tuberculosis? BJR congress series June 2008	<ul style="list-style-type: none"> Kasthoori Jayarani A/p Jayapragasam Liam Chong Kin Gnana Kumar A/I P Gnanasuntharam 	2008
18	Kuan YC, How SH, Ng TK, Liam CK, Azian A, Fauzi AR. O17-07 - Bone mineral density in patients with bronchial asthma on inhaled corticosteroids. <i>Respirology</i> 2008; 13:A130	<ul style="list-style-type: none"> Liam Chong Kin 	2008
19	V.L Raj, A. K. Radhakrishnan, R. Naidu, C. K. Liam, M. R. Mustafa. Beta2-Adrenoceptor Polymorphisms and Plasma IgE Levels in Malaysian Asthmatics: A Pilot Study. In Programme and Abstract Book of 2008 International Conference on Pharmacogenomics, April 9-12, 2008, BEXCO, Busan, Republic of Korea, (Abstract No. D2-62) page 221	<ul style="list-style-type: none"> Liam Chong Kin 	2008
20	Liam CK. Lung Cancer: Diagnosis and Staging. In Souvenir Programme and Abstract Book for 10th Annual Congress of the Malaysian Thoracic Society, Kuantan, 18-20 July 2008, page 29	<ul style="list-style-type: none"> Liam Chong Kin 	2008
21	Liam CK. Update on the treatment of community-acquired pneumonia. In Souvenir Programme and Abstract Book for 10th Annual Congress of the Malaysian Thoracic Society, Kuantan, 18-20 July 2008, page 34	<ul style="list-style-type: none"> Liam Chong Kin 	2008
22	Chong LF, Samsinah HH, Liam CK. Health outcomes of using tiotropium bromide in the management of chronic obstructive pulmonary disease. In Souvenir Programme and Abstract Book for 10th Annual Congress of the Malaysian Thoracic Society, Kuantan, 18-20 July 2008, page 39-40	<ul style="list-style-type: none"> Liam Chong Kin 	2008
23	Kuan YC, How SH, Ng TH, Liam CK, Azian AA, Fauzi AR. Bone mineral density in patients with bronchial asthma on inhaled corticosteroids. In Souvenir Programme and Abstract Book for 10th Annual Congress of the Malaysian Thoracic Society, Kuantan, 18-20 July 2008, page 41	<ul style="list-style-type: none"> Liam Chong Kin 	2008

PUBLICATIONS : PROCEEDING			
No	Detail of Publication	Author	Year
24	Chua KT, Liam CK. Experience with pemetrexed single agent as 2nd/3rd line treatment of non-small cell lung cancer. In Souvenir Programme and Abstract Book for 10th Annual Congress of the Malaysian Thoracic Society, Kuantan, 18–20 July 2008, page 52	<ul style="list-style-type: none"> Liam Chong Kin 	2008
25	Liam CK, Pang YK, Poosparajah S, Lim BK, Chua KT, Lee CH. Antibiotic susceptibility of organisms isolated in community-acquired pneumonia in hospitalized patients. In Souvenir Programme and Abstract Book for 10th Annual Congress of the Malaysian Thoracic Society, Kuantan, 18–20 July 2008, page 52–53	<ul style="list-style-type: none"> Liam Chong Kin 	2008
26	Pang YK, Ngeow YF, Liam CK, Yap SF, Poosparajah S, Chua KT, Adilah. The specificity of Quantiferon–TB Gold Test in comparison to the tuberculin skin test in BCG–vaccinated healthy volunteers living in a TB endemic country ¿ how do we exploit this advantage? In Souvenir Programme and Abstract Book for 10th Annual Congress of the Malaysian Thoracic Society, Kuantan, 18–20 July 2008, page 62	<ul style="list-style-type: none"> Liam Chong Kin 	2008
27	Liam CK. S1.2 – ¿Customising asthma treatment according to disease control¿ in Abstract Book of 42nd Malaysia–Singapore Congress of Medicine ¿Personalising Medicine ¿ The A La carte Approach¿, Kuala Lumpur, 31st July to 3rd August 2008, page 2	<ul style="list-style-type: none"> Liam Chong Kin 	2008
28	Raja VL, Liam CK, Radhakrishnan AK, Naidu R, Mustafa MR. Association between ¿adrenoceptor polymorphisms and receptor function in Malaysian asthmatics. Fundamental & Clinical Pharmacology August 2008; 22: page 35	<ul style="list-style-type: none"> Liam Chong Kin 	2008
29	Tony Mok, Swan–Swan Leong, Xuyi Liu, Yukito Ichinose, Virote Sriuranpong, Chong–Kin Liam, Yuh–Min Chen, Emma Duffield, Yuri Rukazenzkov, Masahiro Fukuoka. Gefitinib vs carboplatin/paclitaxel in clinically selected chemo-na¿ patients (pts) with advanced non–small–cell lung cancer (NSCLC) in Asia (IPASS): randomized, open–label, Phase III study. Chicago Multidisciplinary Symposium in Thoracic Oncology, 13–15 November 2008	<ul style="list-style-type: none"> Liam Chong Kin 	2008
30	How SH, Liam CK, Jamalludin AR, Zal AR. Serum cancer antigen 125 in patients with pleural effusions. Respirology 2007; 12 (Suppl 4): A156	<ul style="list-style-type: none"> Liam Chong Kin 	2007
31	Liam CK, Pang YK, Shyamala P, Chua KT. Effect of prior antibiotic therapy on yield of blood culture and outcome in patients hospitalized for community– acquired pneumonia. Respirology 2007; 12 (Suppl 4): A127.	<ul style="list-style-type: none"> Liam Chong Kin 	2007
32	Liam CK. The lungs and arthritis. In Proceedings Book for 12th Asia Pacific League of Associations for Rheumatology (APLAR) Congress, August 1–5 2006, Kuala Lumpur, page 174–178.	<ul style="list-style-type: none"> Liam Chong Kin 	2006
33	Liam CK. Difficult–to–control asthma. Respirology 2006; 11 (Suppl 5): A105	<ul style="list-style-type: none"> Liam Chong Kin 	2006
34	SH How, CK Liam, AB Zal. The role of pleural fluid analysis, pleural biopsy and bronchoscopy in neoplastic and tuberculous pleural effusions. Respirology December 2004; 9 (Supplement): A127	<ul style="list-style-type: none"> Liam Chong Kin 	2004
35	CK Liam, YK Pang, CH Leow, P Shyamala, AB Zal. Adenocarcinoma of the lung in smokers and never smokers. Respirology December 2004; 9 (Supplement): A116	<ul style="list-style-type: none"> Liam Chong Kin 	2004
36	CK Liam, AAA Fauzi, YK Pang, CH Leow, P Shyamala, AB Zal. Community acquired pneumonia requiring hospitalization due to Mycobacterium tuberculosis. Respirology December 2004; 9 (Supplement): A130	<ul style="list-style-type: none"> Liam Chong Kin 	2004
37	CK Liam, AAA Fauzi, YK Pang, CH Leow, AB Zal, P Shyamala. Clinical features associated with mortality in patients hospitalized for community acquired pneumonia. Respirology December 2004; 9 (Supplement): A131	<ul style="list-style-type: none"> Liam Chong Kin 	2004

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No	Detail of Publication	Author	Year
38	Liam CK. Smoking status, cell type and tumour location of primary lung cancer. (Poster presentation PP3-04) In Abstract Book of the 8th Asian Pacific Society of Respiriology Congress, 1-4 December 2003, Petaling Jaya, page 161	• Liam Chong Kin	2003
39	Liam CK. Community acquired pneumonia ♦ in the Asian Pacific region. Symposium S4A-1 In Abstract Book of the 8th Asian Pacific Society of Respiriology Congress, 1-4 December 2003, Petaling Jaya, page 28.	• Liam Chong Kin	2003
40	Liam CK. Primary adenocarcinoma of the lung in Malaysian patients. (Poster presentation PP3-05) In Abstract Book of the 8th Asian Pacific Society of Respiriology Congress, 1-4 December 2003, Petaling Jaya, page 162-163	• Liam Chong Kin	2003
41	Leow CH, Liam CK. Carboplatin and gemcitabine in the treatment of locally advanced and metastatic non- small cell lung cancer. (Oral presentation OP3-03) In Abstract Book of the 8th Asian Pacific Society of Respiriology Congress, 1-4 December 2003, Petaling Jaya, page 81	• Liam Chong Kin	2003
42	Liam CK. Gefitinib (IRESSAR) monotherapy in advanced non-small cell lung cancer. (Poster presentation PP3- 07) In Abstract Book of the 8th Asian Pacific Society of Respiriology Congress, 1-4 December 2003, Petaling Jaya, page 165	• Liam Chong Kin	2003
43	Liam CK, Fauzi Azizan HAA, Wong CMM, Pang YK. Community acquired pneumonia requiring hospitalisation in a Malaysian population. (Poster presentation PP6-07) In Abstract Book of the 8th Asian Pacific Society of Respiriology Congress, 1-4 December 2003, Petaling Jaya, page 185	• Liam Chong Kin	2003
44	Liam CK, Nor Liza Arrifin, Pang YK, Shyamala Poosparajah, Tan LH. Admissions in a respiratory isolation ward of a SARS-designated hospital. (Poster presentation PP6-10) In Abstract Book of the 8th Asian Pacific Society of Respiriology Congress, 1-4 December 2003, Petaling Jaya, page 188.	• Liam Chong Kin	2003
45	Liam CK, Leow CH, Nor Liza Arrifin, Pang YK, Shyamala Poosparajah, Tan LH. Suspect cases of SARS admitted to a respiratory isolation ward of a SARS- designated hospital. (Poster presentation PP6-11) In Abstract Book of the 8th Asian Pacific Society of Respiriology Congress, 1-4 December 2003, Petaling Jaya, page 189-190	• Liam Chong Kin	2003
46	Zal Ab Rahim, Liam CK, Wong CMM. Clinical and laboratory pattern of patients with sarcoidosis seen at University Malaya Medical Centre, Kuala Lumpur. (Poster presentation PP7-02) In Abstract Book of the 8th Asian Pacific Society of Respiriology Congress, 1-4 December 2003, Petaling Jaya, page 185	• Liam Chong Kin	2003
47	Liam CK, Loo KL, Wong CMM, Lim KH. Sensitization to aeroallergens is more common in asthmatic patients with rhinitis and those with an early age of asthma onset. In Abstract Book of 7th Congress of Asian Pacific Society of Respiriology, 25-28 October 2002, Taipei, Taiwan, FPA.18, page 115	• Liam Chong Kin	2002
48	How SH, Liam CK, Wong CMM, Lim KH. The utility of tumour markers in the diagnosis of neoplastic pleural effusions. In Abstract book of 7th Congress of Asian Pacific Society of Respiriology, 25-28 October 2002, Taipei, Taiwan, PP06-065, page 135	• Liam Chong Kin	2002
49	Sam CK, Cheng HM, Soon SC, Liam CK. Mite-specific IgA in the saliva of asthma patients. In Proceedings of Rancangan Malaysia Ke-7 Intensified Research in Priority Areas (IRPA) Research Seminar 24-25 July 2001, pages 206-209.	• Liam Chong Kin	2001
50	Liam CK, Lim KH, Wong CMM. Flow-volume curve abnormalities in patients with obstructive sleep apnoea. European Respiratory Journal 2001; 17 (Supplement 32): P657.	• Liam Chong Kin	2001

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No	Detail of Publication	Author	Year
51	Liam CK, Wong CMM, Lim KH, Mohd Yasim Mohd Yusof. Community acquired pneumonia ♦ establishing the pattern of aetiological agents in a Malaysian population. In Proceedings of Rancangan Malaysia Ke-7 Intensified Research in Priority Areas (IRPA) Research Seminar 24-25 July 2001, pages 536-539.	• Liam Chong Kin	2001
52	Liam CK. Lung cancer ♦ where do we now stand? Proceedings of Practical Respiratory Medicine ♦ an Update Hospital Practice Seremban 2000; 6 (Supplement 1):28-41. (Practical Respiratory Medicine ♦ an Update, organised by Ministry of Health, Malaysian Thoracic Society, Malaysian Association of Respiratory Care and Malaysian Medical Association (Negeri Sembilan Branch), 23-25 February 2001, International Medical University Malaysia Clinical School, Seremban, Negeri Sembilan)	• Liam Chong Kin	2001
53	Liam CK, Lim KH, Wong CMM. Diagnostic yield of bronchoscopic procedures in lung cancer according to histological cell type. European Respiratory Journal 2001; 17 (Supplement 32): P489.	• Liam Chong Kin	2001
54	Liam CK, Lim KH, Wong CMM. Relationship between objective measures of airflow obstruction and asthma symptoms in adults. European Respiratory Journal 2001; 17 (Supplement 32): P2598.	• Liam Chong Kin	2001
55	Wong CMM, Lim KH, Liam CK. Evaluation and aetiology of haemoptysis in a South East Asian population. European Respiratory Journal 2000; 16 (Supplement 31): 422s	• Liam Chong Kin	2000
56	Liam CK, Lim KH, Wong CMM. Changes in the distribution of lung cancer cell types and patient demography in a multiracial Asian country: the experience of a teaching hospital. European Respiratory Journal 2000; 16 (Supplement 31): 211s.	• Liam Chong Kin	2000
57	Liam CK, Lim KH, Wong CMM. Acceptance of a multi-dose powder inhaler among asthmatic patients: a comparison with the pressurised metered-dose inhaler. European Respiratory Journal 2000; 16 (Supplement 31): 97s.	• Liam Chong Kin	2000
58	Liam CK, Lim KH, Wong CMM. Lung cancer in patients aged below 40 years. European Respiratory Journal 2000; 16 (Supplement 31): 213s	• Liam Chong Kin	2000
59	Lim KH, Liam CK, Wong CMM. Delay in the presentation of lung cancer in Malaysia. European Respiratory Journal 2000; 16 (Supplement 31): 226s.	• Liam Chong Kin	2000
60	Lim KH, Liam CK, Soe A, Goh E, Saravanamuthu SD, de Bruyne JA. Haze and acute asthma attendance at the emergency department. The 5th Congress of the Asian Pacific Society of Respirology, Sydney, 9-12 October 1998. Respirology 1998; 3 (Supplement): A9-OC5.1	• Liam Chong Kin	1998
61	Liam CK, Lim KH. Tuberculous pleuritis as a manifestation of primary and reactivation tuberculosis. The 5th Congress of the Asian Pacific Society of Respirology, Sydney, 9-12 October 1998. Respirology 1998; 3 (Supplement): A47-OC14.6.	• Liam Chong Kin	1998
62	Liam CK, Sam CK, Padmaja K, Soon SC, Cheng HM. Prevalence of sensitisation to common aeroallergens among Malaysian asthmatic patients. The 5th Congress of the Asian Pacific Society of Respirology, Sydney, 9-12 October 1998. Respirology 1998; 3 (Supplement): A9-OC5.2	• Liam Chong Kin	1998
63	Liam CK, Chen YC, Yap SF, Srinivas P, Poi PJH. Detection of Mycobacterium tuberculosis in bronchoalveolar lavage from patients with sputum smear-negative pulmonary tuberculosis using a polymerase chain reaction assay. 2nd Asian Pacific Society of Respirology Workshop at the 37th Annual Meeting of Japan Society of Chest Diseases, Yokohama City, Kanagawa, 10-12 April 1997. Abstract in the Japanese Journal of Thoracic Diseases 1997; Volume 35: page 104	• Liam Chong Kin	1997

PUBLICATIONS : PROCEEDING			
No	Detail of Publication	Author	Year
64	Soon SC, Sam CK, Cheng HM, Liam CK, Gopala K, Amin JM. Detection of mite-specific salivary IgA in allergic rhinitis and asthmatic patients. In Proceedings of 9th National Biotechnology Seminar, 23-26 November 1997, Penang, pages 92-95	• Liam Chong Kin	1997
65	Sam CK, Padmaja K, Soon SC, Lim AL, Liam CK, Lim SP, Ong EK. Occurrence of pollens and allergy to aeroallergens: a correlation study in asthmatic patients. In Proceedings of 9th National Biotechnology Seminar, 23-26 November 1997, Penang, pages 385-8	• Liam Chong Kin	1997
66	Liam CK, Lau WM, Tan CT. Awake pulmonary function and the severity of sleep-disordered breathing. In Abstract Book of The 4th Congress of the Asian Pacific Society of Respiriology, Beijing, 4-7 October 1996, Abstract No. 58.01, page 240	• Liam Chong Kin	1996
67	Liam CK, Tang BG, Chen YC, Yap SF. Detection of Mycobacterium tuberculosis in clinical specimens of patients with extrapulmonary tuberculosis by DNA amplification. In Abstract Book of The 4th Congress of the Asian Pacific Society of Respiriology, Beijing, 4-7 October 1996, Abstract No. 43.02, page 141.	• Liam Chong Kin	1996
68	Liam CK, Chen YC, Yap SF, Srinivas P, Poi PJH. Detection of Mycobacterium tuberculosis in bronchial washings from patients with sputum smear-negative pulmonary tuberculosis using a polymerase chain reaction. Abstract Book of The 14th Asia Pacific Congress on Diseases of the Chest, Bali, 23-27 June 1996, Free Paper 13-05, page 250	• Liam Chong Kin	1996
69	Liam CK, Lau WM, Tan CT. Anthropometric correlates of sleep apnoea severity in men. Abstract Book of The 14th Asia Pacific Congress on Diseases of the Chest, Bali, 23-27 June 1996, Free Paper 12-01, page 241	• Liam Chong Kin	1996
70	Poi PJH, Chuah SY, Srinivas P, Liam CK. Pre- bronchoscopy anxieties – can doctors help? In Abstract Book of The 4th Congress of the Asian Pacific Society of Respiriology, Beijing, 4-7 October 1996, Abstract No. 27.06, page 45	• Liam Chong Kin	1996
71	Liam CK, Tan CT, Chan CS, Leong S. Nasal continuous positive airway pressure treatment of severe obstructive sleep apnoea syndrome with cor pulmonale. Proceedings of the 3rd Congress of the Asian Pacific Society of Respiriology, 7-10th October 1993, Free Paper 8 (Sleep/Pulmonary Physiology) No. 7, page 152.	• Liam Chong Kin	1993
72	Liam CK. Knowledge of inhaler technique among junior doctors in the Department of Medicine, University Hospital, Kuala Lumpur. Abstracts of the 3rd Congress of the Asian Pacific Society of Respiriology, 7-10th October 1993, Singapore, Free Paper 7 (Asthma II) No. 1, page 137.	• Liam Chong Kin	1993
73	Cheah PL, Liam CK, Yap SF, Looi LM. Squamous cell carcinoma related antigen in primary carcinoma of the lung. In Proceedings of XVII World Congress of Anatomic and Clinical Pathology, World Association of Societies of Pathology, 5-9th October 1993, Acapulco, Mexico	• Liam Chong Kin	1993
74	P Namsirikul, Y Ismail, P Charoenpan, V Udompanich, CK Liam. The Efficacy and Acceptability of a Terbutaline Powder Inhaler in Patients with Chronic Asthma. Proceedings of the First Asian Pacific Congress of Allergology and Immunology, 22-26 November 1992, Poster Presentation 135.	• Liam Chong Kin	1992
75	CK Liam, F Wang, TS Soo-Hoo. Pneumocystis carinii pneumonia in patients with systemic lupus erythematosus. Abstract Book of the Second International Conference on Systemic Lupus Erythematosus 26-30 November 1989, Singapore. Free Paper 1D (Infections in SLE) No. 2, page 26.	• Liam Chong Kin	1989

PUBLICATIONS : EXTENDED ABSTRACT

No	Detail of Publication	Author	Year
1	Liam CK. MS 13.04 THE ROLE OF CHEMOTHERAPY IN THE MANAGEMENT OF CNS METASTASIS. Abstract Book of IASLC 18th World Conference on Lung Cancer 15–18 October 2017, Yokohama, Japan	<ul style="list-style-type: none"> Liam Chong Kin 	2017

PUBLICATIONS : MONOGRAPH			
No	Detail of Publication	Author	Year
1	Alhady S F, Anuar Z, Azila N M A, Sim, S M, Tan N H, Cheah, S H , Khairul Anuar A, Tan C P L, Iekhsan O, Liam C K, Mohd Amin J, Rosnani AA, Parasakthi N. Towards quality management enhancement of the New Integrated Curriculum of the Faculty of Medicine, University of Malaya. In: Implementing Problem Based Learning. The Problem Based Learning Project, University of Hong Kong, 2000, pp 317–322.	<ul style="list-style-type: none"> Liam Chong Kin 	2000
2	Liam CK. Sleep apnoea syndrome: pathophysiology, assessment and treatment. Medicine Digest May 1995; 21: 5–11.	<ul style="list-style-type: none"> Liam Chong Kin 	1995
3	Liam CK. Management of COPD. Medicine Digest Nov 1994; 20: 5–11.	<ul style="list-style-type: none"> Liam Chong Kin 	1994
4	Liam CK. Update on tuberculosis and its treatment. Medicine Digest, June 1993; 19: 8–14.	<ul style="list-style-type: none"> Liam Chong Kin 	1993

PUBLICATIONS : OTHERS			
No	Detail of Publication	Author	Year
1	Zainudin BMZ, Menon A, Aziah AM, Balakrishnan L, George KS, Hooi LN, Jeffrey AH, Liam CK, Wong WK, Yap BH. Guidelines on the management of chronic obstructive pulmonary disease. Ministry of Health, Academy of Medicine of Malaysia, and Malaysian Thoracic Society, 1998	<ul style="list-style-type: none"> Liam Chong Kin 	1998
2	Kuppusamy I, Tan HM, Azizi O, Zainudin BMZ, Liam CK, Wong WK, Letchumi DB, George SK, Hooi LN, Aziah AM. Guidelines on management of tuberculosis. Medical Consensus Development Panel, Kementerian Kesihatan Malaysia, and Academy of Medicine, Malaysia.	<ul style="list-style-type: none"> Liam Chong Kin 	1996
3	Liam CK. An update on the Diagnosis and Management of Chronic Obstructive Pulmonary Disease. Bulletin of the Medical Advisory Committee of the Malaysian Association for the Prevention of Tuberculosis (MAPTB) June 1995; 2: 7–10.	<ul style="list-style-type: none"> Liam Chong Kin 	1995

CLINICAL DUTIES				
No	Clinical Duties	Location	Year	Actual Hours
1.	On Call Duties	Active		1 days/month
2.	Management Of In-Patients	Respiratory ward, ICU		16 hours/week
3.	Clinical Management	Bronchoscopy at Endoscopy Unit	2018	2 hours/week
4.	Clinical Management	Out-patients in Lung Cancer, Chest and Astham Clinics	2018	16 hours/week
5.	Clinical Management	Lung function testing	2018	3 hours/week

CONSULTANCY PROJECT : MEDICAL (CLINICAL)/DENTISTRY					
No	Name of Project (if applicable)	Role	Organisation	Start Date	End Date
1	Member of AstraZeneca Stage III NSCLC and PACIFIC Study Advisory Board Meeting, 27 July 2018, Royale Chulan Hotel, Kuala Lumpur	CLINICAL CONSULTANT	AstraZeneca Pharmaceutical	2018	2018
2	Member of Boehringer Ingelheim COPD Exacerbation Advisory Board 4 April 2018, Le Meridien Hotel, KL Sentral	CONSULTANT	Boehringer Ingelheim	2018	2018
3	Chairman and Member of Pfizer Lung Advisory Board Meeting (Malaysia), 21st July 2018, Sheraton Petaling Jaya	CHAIRMAN	Pfizer Pharmaceutical	2018	2018
4	Member of EGFR mutant NSCLC First-Line (FLAURA) Advisory Board Meeting 6 April 2018 KL Hilton	CLINICAL CONSULTANT	AstraZeneca Pharmaceutical	2018	2018
5	Co-chaired (with Professor Kreetha Thummakampee of Prince of Songkla University) and member of Asia Bridge Advisory Board Meeting, 18 August 2018, JW Marriot Sukhumvit, Bangkok, Thailand	CHAIRMAN	Boehringer Ingelheim	2018	2018
6	Member of Takeda Pharmaceuticals ALK+ NSCLC Treatment Landscape, APAC Area Advisory Board Meeting, 3 March 2018, Renaissance Bangkok Ratchaprasong Hotel, Bangkok, Thailand	CONSULTANT	Takeda Pharmaceuticals	2018	2018
7	Member of Merck Sharp & Dohme Asia-Pacific NSCLC Advisory Board Meeting, 6 July 2018, Taipei, Taiwan	Advisor	Merck Sharp & Dohme	2018	2018
8	Novartis Advisory Board meeting on Personalized therapy for COPD, 23 September 2017, Majestic Hotel, Kuala Lumpur	CLINICAL CONSULTANT	Novartis	2017	2017
9	Novartis EGM Oncology Commercial Advisory Board Lung, October 15th 2017, Yokohama Bay Sheraton Hotel & Towers, Yokohama, Japan	CLINICAL CONSULTANT	Novartis	2017	2017
10	Boehringer Ingelheim Global Asian NSCLC Advisory Board Meeting, 18th October 2017, Yokohama, Japan	CLINICAL CONSULTANT	Boehringer Ingelheim	2017	2017
11	Malaysia Neuroendocrine Tumour Advisory Board Meeting, 21 January 2017, Aloft Kuala Lumpur Sentral	CLINICAL CONSULTANT	Novartis	2017	2017
12	MSD Asia-Pacific NSCLC Advisory Board Meeting, 21 June 2017, Seoul, South Korea	CLINICAL CONSULTANT	Merck Sharp & Dohme	2017	2017
13	Pfizer Asia Regional Lung Advisory Board, 17th November 2017, JW Marriot Hotel Singapore South Beach, Singapore	CLINICAL CONSULTANT	Pfizer	2017	2017
14	Boehringer Ingelheim South East Asia & South Korea NSCLC Advisory Board Meeting for Pulmonologists, and presented Updated results of LUX-Lung 7 Study 20 January 2017, Hong Kong	CLINICAL CONSULTANT	Boehringer Ingelheim	2017	2017
15	Boehringer Ingelheim Thoracic Oncology Expert Meeting, 4th November 2017, Le Meridien Hotel, Kuala Lumpur	CLINICAL CONSULTANT	Boehringer Ingelheim	2017	2017
16	Novartis Malaysian Non-Small Cell Lung Cancer Advisory Board Meeting, 30th September 2017, Le Meridien, KL Sentral	CLINICAL CONSULTANT	Novartis	2017	2017
17	Member of Pfizer Asia Regional Lung Advisory Board, 17th November 2017, JW Marriot Hotel Singapore South Beach, Singapore	CONSULTANT	Pfizer Asia	2017	2017

CONSULTANCY PROJECT : MEDICAL (CLINICAL)/DENTISTRY					
No	Name of Project (if applicable)	Role	Organisation	Start Date	End Date
18	Co-Chairman for South East Asia & South Korea LUX-Lung 7 Advisory Board Meeting, 30 January 2016, Taipei, Taiwan	CLINICAL CONSULTANT	Boehringer Ingelheim	2016	2016
19	Member of Malaysia Ceritinib and ALK+ Non-Small Cell Lung Cancer (NSCLC) Advisory Board Raising the Bar in Treatment of ALK Positive NSCLC and Presenter of Case Discussion in Kuala Lumpur, 15 November 2015	CLINICAL CONSULTANT	Novartis Corporation (M) Sdn Bhd	2015	2015
20	COPD Advisory Board Meeting (Novartis) 9 May 2015, Le Meridien, Kuala Lumpur	CLINICAL CONSULTANT	Novartis Pharmaceutical Company	2015	2015
21	Evolving Treatment Paradigms in Advanced NSCLC South East Asia Non-Small Cell Lung Cancer: Scientific Exchange Meeting, 15-16 August 2015, Sheraton Imperial, Kuala Lumpur	CLINICAL CONSULTANT	Eli Lilly Pharmaceutical Company	2015	2015
22	Southeast Asia and South Korea Second Line NSCLC Advisory Board Meeting on 19 June 2015, Grand Hyatt Erawan, Bangkok	CLINICAL CONSULTANT	Boehringer Ingelheim Pharmaceutical Company	2015	2015
23	Hong Kong International Regional Advisory Board Meeting on AZD9291, Hong Kong, 4 February 2015	CLINICAL CONSULTANT	Astra Zeneca Pharmaceutical Company	2015	2015
24	Hong Kong International Regional Advisory Board Meeting on AZD9291, Hong Kong, 4 February 2015	CLINICAL CONSULTANT	AstraZeneca Pharmaceutical Company	2015	2015
25	IGNITE Advisory Board Meeting on COPD, Kuala Lumpur, 9 May 2015	CLINICAL CONSULTANT	Novartis Pharmaceutical Company	2015	2015
26	Southeast Asia and South Korea Second Line NSCLC Advisory Board Meeting on 19 June 2015, Bangkok	CLINICAL CONSULTANT	Boehringer Ingelheim Pharmaceutical Company	2015	2015
27	Asia Pacific COPD Exacerbation Advisory Board Meeting, Seoul, Korea, 27 September 2014	CLINICAL CONSULTANT	GlaxoSmithKline Pharmaceutical Company	2014	2014
28	Idiopathic Pulmonary Fibrosis Regional Expert Meeting, Dubai, United Arab Emirates, 4-5 December 2014	CLINICAL CONSULTANT	Boehringer Ingelheim Pharmaceutical Company	2014	2014
29	Asthma & COPD Respiratory Asian Scientific Experts Meeting, Bali, Indonesia, 12-13 Nov 2014	CLINICAL CONSULTANT	Boehringer Ingelheim Pharmaceutical Company	2014	2014
30	Malaysian Pneumococcal Disease Advisory Board: Focus on the Adult Patient, meeting held Kuala Lumpur, 14 September 2014	CLINICAL CONSULTANT	Pfizer Pharmaceutical Company	2014	2014
31	Member of the Asia Pacific South Africa region Ceritinib (LDK378) Advisory Board	CLINICAL CONSULTANT	Novartis Oncology Asia Pacific South Africa Region	2014	2014
32	Asia Pacific (Regional) Lung Cancer Advisory Board Meeting (Pfizer) 5 November 2014, Kuala Lumpur	CLINICAL CONSULTANT	Pfizer Pharmaceutical Company	2014	2014
33	Member of group for the Revision of National Chemotherapy Protocol 2014 for Lung Cancer by the Ministry of Health, Malaysia	CLINICAL CONSULTANT	Ministry of Health Malaysia	2014	2015
34	Member of Ceftaroline Asia Pacific Advisory Board	CLINICAL CONSULTANT	Astra Zeneca Pharmaceutical	2013	2013

CONSULTANCY PROJECT : MEDICAL (CLINICAL)/DENTISTRY					
No	Name of Project (if applicable)	Role	Organisation	Start Date	End Date
35	Member of Asia Pacific Area Respiratory Academy Advisory Board	CLINICAL CONSULTANT	Astra Zeneca Pharmaceutical	2013	2015
36	Member of Committee for Technical Evaluation for the Tender Offer of Respiratory and Anti-Tuberculosis Medications	CLINICAL CONSULTANT	University Malaya Medical Centre	2013	2014
37	Erlotinib in First Line EGFR Mutation Positive (1L EGFR Mut +ve) NSCLC Advisory Board, 26 April 2012, Kuala Lumpur	CLINICAL CONSULTANT	AstraZeneca Pharmaceutical Company	2012	2012
38	Non-Small Cell Lung Cancer (Crizotinib) Advisory Board	CLINICAL CONSULTANT	Pfizer Pharmaceutical	2012	2012
39	Asia MRSA Pneumonia Advisory Board from 10 March 2012 to 25 April 2014	CLINICAL CONSULTANT	Pfizer Pharmaceutical Company	2012	2014
40	Subgroup leader for Lung Cancer section in Systemic Therapy for Cancer 2011 by the Ministry of Health, Malaysia	CLINICAL CONSULTANT	Ministry of Health of Malaysia	2011	2011
41	Chairman of Working Group for Clinical Practice Guidelines for Chronic Obstructive Pulmonary Disease (2009 – 2010)	CLINICAL CONSULTANT	Malaysian Thoracic Society, Academy of Medicine of Malaysia, Ministry of Health of Malaysia	2009	2010
42	Evaluation of health technology: endobronchial ultrasound (EBUS) [External reviewer untuk penilaian teknologi kesihatan endobronchial ultrasound (EBUS)] 2007	CLINICAL CONSULTANT	Cawangan Penilaian Teknologi Kesehatan, Bahagian Perkembangan Perubatan, Kementerian Kesehatan Malaysia	2007	2007
43	IRESSA (Gefitinib) Asia Advisory Board Meeting, 12-13 March 2005, Shanghai, China	CLINICAL CONSULTANT	AstraZeneca Pharmaceutical Company	2005	2005
44	Ubat-ubatan Respiratori		Kementerian Kesehatan Malaysia	2005	2006
45	Identifying national health research in priority areas for the 9th Malaysia Plan		Kementerian Kesehatan Malaysia	2005	2006
46	Member of National Credentialing Committee for Respiratory Medicine	CLINICAL CONSULTANT	Malaysian Medical Council / Ministry of Health	2002	2015

TEACHING : POST GRADUATE					
No	Course Title & Code	Academic Session	No. of Students	No. of Contact Hours	Lectures/ Tutorials/ Practicals
1.		2017/2018	20	416	Other
2.		2016/2017	20	416	Other
3.	Master of Internal Medicine	2015/2016	20	362	Lectures,Practicals
4.	Master of Internal Medicine	2014/2015	20	362	Lectures,Practicals
5.	Master of Internal Medicine	2013/2014	20	362	Lectures,Practicals

TEACHING : POST GRADUATE					
No	Course Title & Code	Academic Session	No. of Students	No. of Contact Hours	Lectures/ Tutorials/ Practicals
6.	Master of Internal Medicine	2012/2013	20	362	Lectures,Practicals
7.	Master of Internal Medicine	2011/2012	20	362	Lectures,Practicals
8.	Master of Internal Medicine	2010/2011	20	340	Other
9.	Master of Internal Medicine	2009/2010	20	362	Lectures,Practicals
10.	Master of Internal Medicine	2008/2009	20	362	Lectures,Practicals
11.	Master of Internal Medicine	2007/2008	20	362	Lectures,Practicals
12.	Master of Internal Medicine	2006/2007	20	362	Lectures,Practicals
13.	Master of Internal Medicine	2005/2006	20	362	Lectures,Practicals
14.	Master of Internal Medicine	2004/2005	20	362	Lectures,Practicals
15.	Master of Internal Medicine	2003/2004	20	362	Lectures,Practicals
16.	Master of Internal Medicine	2002/2003	20	362	Lectures,Practicals
17.	Master of Internal Medicine	2001/2002	20	362	Lectures,Practicals
18.	Master of Internal Medicine	2000/2001	20	362	Lectures,Practicals
19.	Master of Internal Medicine	1999/2000	20	362	Lectures,Practicals

TEACHING : FIRST DEGREE					
No	Course Title & Code	Academic Session	No. of Students	No. of Contact Hours	Lectures/ Tutorials/ Practicals
1.	Stage 1	2017/2018	150	19	Lectures,Other
2.	Stage 1	2016/2017	130	19	Lectures,Practicals
3.	Bachelor of Dental Surgery Year III	2015/2016	60	2	Lectures
4.	Bachelor of Medicine and Bachelor of Surgery Phase 3B	2015/2016	200	46	Lectures,Practicals
5.	Stage 1 UMMP Programme	2015/2016	140	20	Lectures,Practicals
6.	Bachelor of Medicine and Bachelor of Surgery Phase 3A	2015/2016	200	12	Lectures,Practicals
7.	Bachelor of Medicine and Bachelor of Surgery Phase 3A	2014/2015	200	14	Lectures,Practicals
8.	Bachelor of Medicine and Bachelor of Surgery (UMMP) Stage 1	2014/2015	150	20	Lectures,Practicals
9.	Bachelor of Dental Surgery Year III	2014/2015	60	2	Lectures

TEACHING : FIRST DEGREE					
No	Course Title & Code	Academic Session	No. of Students	No. of Contact Hours	Lectures/ Tutorials/ Practicals
10.	Bachelor of Medicine and Bachelor of Surgery Phase 3B	2014/2015	200	46	Lectures,Practicals
11.	Bachelor of Medicine and Bachelor of Surgery Phase 3A	2013/2014	200	12	Lectures,Practicals
12.	Bachelor of Medicine and Bachelor of Surgery (UMMP) Stage 1	2013/2014	150	20	Lectures,Practicals
13.	Bachelor of Dental Surgery Year III	2013/2014	60	2	Lectures
14.	Bachelor of Medicine and Bachelor of Surgery Stage 1	2013/2014	160	20	Lectures,Practicals
15.	Bachelor of Medicine and Bachelor of Surgery Phase 3B	2013/2014	200	46	Lectures,Practicals
16.	Bachelor of Medicine and Bachelor of Surgery Phase 3B	2012/2013	200	46	Lectures,Practicals
17.	Bachelor of Medicine and Bachelor of Surgery Phase 3B	2012/2013	200	46	Lectures,Practicals
18.	Bachelor of Dental Surgery Year III	2012/2013	60	2	Lectures
19.	Bachelor of Medicine and Bachelor of Surgery Phase 3A	2012/2013	200	12	Lectures,Practicals
20.	Bachelor of Medicine and Bachelor of Surgery Phase 3B	2011/2012	200	46	Lectures,Practicals
21.	Bachelor of Medicine and Bachelor of Surgery Phase 3A	2011/2012	200	12	Lectures,Practicals
22.	Bachelor of Dental Surgery Year III	2011/2012	60	2	Lectures
23.	Bachelor of Dental Surgery Year III	2010/2011	60	2	Lectures
24.	Bachelor of Medicine and Bachelor of Surgery Phase 3A	2010/2011	200	12	Lectures,Practicals
25.	Bachelor of Medicine and Bachelor of Surgery Phase 3A	2009/2010	200	12	Lectures,Practicals
26.	Bachelor of Dental Surgery Year III	2009/2010	60	2	Lectures
27.	Bachelor of Medicine and Bachelor of Surgery Phase 3A	2009/2010	200	12	Lectures,Practicals
28.	Bachelor of Medicine and Bachelor of Surgery Phase 3A	2008/2009	200	12	Lectures,Practicals
29.	Bachelor of Medicine and Bachelor of Surgery Phase 3B	2008/2009	200	48	Lectures,Practicals
30.	Bachelor of Dental Surgery Year III	2008/2009	60	2	Lectures
31.	Bachelor of Medicine and Bachelor of Surgery Phase 3A	2007/2008	200	12	Lectures,Practicals
32.	Bachelor of Dental Surgery Year III	2007/2008	60	2	Lectures
33.	Bachelor of Medicine and Bachelor of Surgery Phase 3B	2007/2008	200	48	Lectures,Practicals
34.	Bachelor of Medicine and Bachelor of Surgery Phase 3A	2006/2007	200	12	Lectures,Practicals
35.	Bachelor of Medicine and Bachelor of Surgery Phase 3B	2006/2007	200	48	Lectures,Practicals
36.	Bachelor of Dental Surgery Year III	2006/2007	60	2	Lectures

TEACHING : FIRST DEGREE					
No	Course Title & Code	Academic Session	No. of Students	No. of Contact Hours	Lectures/ Tutorials/ Practicals
37.	Bachelor of Dental Surgery Year III	2005/2006	60	2	Lectures
38.	Bachelor of Medicine and Bachelor of Surgery Phase 3B	2005/2006	200	48	Lectures,Practicals
39.	Bachelor of Medicine and Bachelor of Surgery Phase 3A	2005/2006	200	12	Lectures,Practicals
40.	Bachelor of Dental Surgery Year III	2004/2005	60	2	Lectures
41.	Bachelor of Medicine and Bachelor of Surgery Phase 3A	2004/2005	200	12	Lectures,Practicals
42.	Bachelor of Medicine and Bachelor of Surgery Phase 3B	2004/2005	200	48	Lectures,Practicals
43.	Bachelor of Medicine and Bachelor of Surgery Phase 3A	2003/2004	200	12	Lectures,Practicals
44.	Bachelor of Dental Surgery Year III	2003/2004	60	2	Lectures
45.	Bachelor of Medicine and Bachelor of Surgery Phase 3A	2003/2004	200	12	Lectures,Practicals
46.	Bachelor of Medicine and Bachelor of Surgery Phase 3B	2003/2004	200	48	Lectures,Practicals
47.	Bachelor of Dental Surgery Year III	2002/2003	60	2	Lectures
48.	Bachelor of Nursing	2002/2003	30	2	Lectures
49.	Bachelor of Medicine and Bachelor of Surgery Phase 3A	2002/2003	200	12	Lectures,Practicals
50.	Bachelor of Medicine and Bachelor of Surgery Phase 3B	2002/2003	200	46	Lectures,Practicals
51.	Bachelor of Medicine and Bachelor of Surgery Phase 3A	2001/2002	200	12	Lectures,Practicals
52.	Bachelor of Nursing	2001/2002	30	2	Lectures
53.	Bachelor of Dental Surgery Year III	2001/2002	60	2	Lectures
54.	Bachelor of Dental Surgery Year III	2001/2002	60	2	Lectures
55.	Bachelor of Medicine and Bachelor of Surgery Phase 3B	2001/2002	200	46	Lectures,Practicals
56.	Bachelor of Medicine and Bachelor of Surgery Phase 3B	2000/2001	200	46	Lectures,Practicals
57.	Bachelor of Dental Surgery Year III	2000/2001	60	2	Lectures
58.	Bachelor of Medicine and Bachelor of Surgery Phase 3A	2000/2001	200	12	Lectures,Practicals
59.	Bachelor of Medicine and Bachelor of Surgery Phase 3B	1999/2000	200	46	Lectures,Practicals
60.	Bachelor of Dental Surgery Year III	1999/2000	60	2	Lectures
61.	Bachelor of Medicine and Bachelor of Surgery Phase 3A	1999/2000	200	12	Lectures,Practicals
62.	Bachelor of Dental Surgery Year III	1998/1999	60	2	Lectures
63.	Bachelor of Dental Surgery Year III	1997/1998	60	2	Lectures
64.	Bachelor of Dental Surgery Year III	1997/1998	60	2	Lectures
65.	Bachelor of Dental Surgery Year III	1996/1997	60	2	Lectures

TEACHING : FIRST DEGREE					
No	Course Title & Code	Academic Session	No. of Students	No. of Contact Hours	Lectures/ Tutorials/ Practicals
66.	Bachelor of Dental Surgery Year III	1994/1996	60	2	Lectures
67.	Bachelor of Nursing	1992/1993	30	2	Lectures
68.	Bachelor of Dental Surgery Year III	1992/1993	60	2	Lectures
69.	Bachelor of Dental Surgery Year III	1991/1992	60	2	Lectures
70.	Bachelor of Nursing	1991/1992	30	2	Lectures
71.	Bachelor of Nursing	1990/1991	30	2	Lectures
72.	Bachelor of Dental Surgery Year III	1990/1991	60	2	Lectures
73.	Bachelor of Dental Surgery Year III	1989/1990	60	2	Lectures
74.	Bachelor of Dental Surgery Year III	1989/1990	60	2	Lectures
75.	Bachelor of Dental Surgery Year III	1988/1989	60	2	Lectures
76.	Bachelor of Nursing	1988/1989	30	2	Lectures
77.	Bachelor of Dental Surgery Year III	1987/1988	60	2	Lectures
78.	Bachelor of Medicine and Bachelor of Surgery	1987/1988	200	100	Lectures,Tutorials,Practicals
79.	Bachelor of Nursing	1987/1988	30	2	Lectures

TEACHING : DIPLOMA (IF APPLICABLE)					
No	Course Title & Code	Academic Session	No. of Students	No. of Contact Hours	Lectures/ Tutorials/ Practicals
1.	Diploma in Nursing	2011/2012	60	2	Lectures
2.	Diploma in Nursing	1987/1988	60	2	Lectures

SUPERVISIONS : POST GRADUATE STUDENT (GENERATE FROM ISIS)					
No	Name of Candidates	Matric No	Title of Thesis	Academic Session	Category
1	FU MEI SIAN	MGF140009	-	0	PENYELIA
2	Lam Ngee Wei	MGF090007	-	0	PENYELIA
3	TAN AI HUEY	MGF110001	-	0	PENYELIA
4	Hairulhadi Bin Ariff	MGF090012	-	0	PENYELIA
5	TAN JIUNN LIANG	MGF100003	-	0	PENYELIA
6	RATHIMALAR A/P AYAKANNU	MHA150017	Genetic Profiling and Linkage Analysis of Chromosome 5q31-33 Cytokines and their Association with Plasma IGE Levels in Malaysian Asthmatics.	2017/2018(2)	PENYELIA
7	NOOR YUHYI BIN SULAIMAN	MGF170015	-	2017/2018(0)	PENYELIA
8	DEVIKA A/P CHINAYAH	MGN090008	Molecular and Biochemical Analyses of Interleukin-18 (IL-18) Polymorphisms in Malaysian Asthmatics.	2015/2016(1)	PENYELIA
9	VIJAYA LECHIMI RAJ A/P T M RAJAGOPAL	MHA050007	Molecular Characterisation and Functional Analyses of Selected Genes In A Cohort of Malaysian Asthmatic Patients	2013/2014(2)	PENYELIA

SUPERVISIONS : POST GRADUATE STUDENT (GENERATE FROM ISIS)					
No	Name of Candidates	Matric No	Title of Thesis	Academic Session	Category
10	BARATH A/L MALLA NAIDU	MGF130003	-	2013/2014)	PENYELIA
11	SARAH IYANG KIYU	MGF130005	-	2013/2014)	PENYELIA
12	ROMANO NGUI	MGN080015	EPIDEMIOLOGY OF SOIL-TRANSMITTED HELMINTH INFECTIONS AND ASTHMA AMONG ORANG ASLI IN MALAYSIA	2009/2010(2)	PENYELIA
13	Ismaliza Binti Ismail	MGF070019	-	2007/2008)	PENYELIA

SUPERVISIONS (UMEXPERT) : POST GRADUATE STUDENT							
No	Name of Candidate	Field of Research/Title of thesis	Date of Registration	Academic Session	Name of Degree	Status	Individual/Sharing
1	Rathimalar Ayakanu	Genetic profiling and Linkage analysis of Chromosome 5q31-33 cytokines and their association with plasma IgE levels in Malaysian asthmatics	25/09/2015	- 2017/2018 (1)	Doctoral Degree (phd)	Ongoing	Sharing
2	Rathimalar Ayakanu	Genetic profiling and Linkage analysis of Chromosome 5q31-33 cytokines and their association with plasma IgE levels in Malaysian asthmatics	25/09/2015	- 2016/2017 (1)	Doctoral Degree (phd)	Ongoing	Sharing
3	Dr Vijayan Munusamy	Characteristics of epidermal growth factor receptor (EGFR)-mutated non-small cell lung cancer (NSCLC) patients who develop resistance to first- or second-generation EGFR-tyrosine kinase inhibitor (TKI) through T790M mutation	03/06/2013	- 2016/2017 (1,2,3)	Masters Degree	Completed	Individual
4	Rathimalar Ayakanu	Genetic profiling and Linkage analysis of Chromosome 5q31-33 cytokines and their association with plasma IgE levels in Malaysian asthmatics	25/09/2015	- 2015/2016 (1)	Doctoral Degree (phd)	Ongoing	Sharing
5	Chai Chee Shee	Progression free survival and overall survival of advanced and metastatic lung adenocarcinoma	01/07/2010	- 2014/2015	Masters Degree	Ongoing	Individual
6	Tan Jiunn Liang	EGFR mutation in squamous cell carcinoma of the lung	01/07/2010	- 2013/2014 (1)	Masters Degree	Completed	Individual

SUPERVISIONS (UMEXPERT) : POST GRADUATE STUDENT							
No	Name of Candidate	Field of Research/Title of thesis	Date of Registration	Academic Session	Name of Degree	Status	Individual/Sharing
7	Vijayan A/L Panirselvam	Clinical phenotypes and severity of chronic obstructive pulmonary disease		- 2013/2014	Masters Degree	Completed	Individual
8	Leow Hong Ruey	EGFR mutations in Malaysian patients with non-small cell lung cancer	02/07/2008	- 2011/2012	Masters Degree	Completed	Individual
9	Devika Chinayah	Distribution of IL-18 SNPs Compared in Non-Asthmatics and Asthmatics in the Unique Population of Malaysia		- 2010/2011	Masters Degree	Completed	Sharing
10	Dr. Leow Hwong Ruey	EGFR mutation in non-small cell lung cancer		- 2010/2011	Masters Degree	Ongoing	Individual
11	Vijaya Lechimi Raj	Molecular analysis of selected genes among Malaysian patients with asthma	01/12/2006	- 2010/2011	Doctoral Degree (phd)	Ongoing	Sharing
12	Romano Ngui	Epidemiological study of helminthes infection and prevalence of asthma among the Orang Asli in Malaysia		- 2009/2010	Masters Degree	Completed	Individual

COURSE ATTENDED:(EXTERNAL)					
No	Name of Event	Venue	Type	Start Date	End Date
1.	2018 CURRENT TRENDS IN IMMUNO-ONCOLOGY ORGANIZED BY TAIWAN ONCOLOGY SOCIETY, 7-8 JULY 2018, TAIPEI MARRIOTT HOTEL, TAIWAN	TAIPEI	SCIENTIFIC MEETING	2018-07-07	2018-07-08
2.	ASTRAZENECA NATIONAL ONCOLOGY SUMMIT 2018 7-8 APRIL 2018, PULLMAN HOTEL AND RESIDENCES, KUALA LUMPUR CITY CENTRE	KUALA LUMPUR	CONFERENCE	2018-04-07	2018-04-08
3.	2ND ASTRAZENECA RESPIRATORY SUMMIT & 5TH ASIA RESPIRATORY LEADERSHIP FORUM, 31 MARCH 1 APRIL 2018, INTERCONTINENTAL HOTEL, KUALA LUMPUR	KUALA LUMPUR	CONFERENCE	2018-03-31	2018-04-01
4.	ROCHE: FOUNDATION FOR THE FUTURE (IN CONJUNCTION WITH ATEZOLIZUMAB LAUNCH), 1-3 DECEMBER 2017, HILTON PRAGUE, CZECH REPUBLIC	PRAGUE	CONFERENCE	2017-12-01	2017-12-03
5.	MEDICAL GENETICS CONFERENCE KUALA LUMPUR 2017, 23-25 OCTOBER 2017, PRINCE COURT MEDICAL CENTRE, KUALA LUMPUR	PRINCE COURT MEDICAL CENTRE, KUALA LUMPUR	CONFERENCE	2017-10-23	2017-10-25
6.	MSD-MALAYSIAN ONCOLOGICAL SOCIETY CONTINUOUS MEDICAL EDUCATION ON IMMUNOTHERAPY, 2 SEPTEMBER 2017 AT G HOTEL KELAWAI, PENANG	PENANG	SEMINAR	2017-09-02	2017-09-02
7.	3RD MULTIDISCIPLINARY LUNG CANCER CONFERENCE 2017 ORGANISED BY LUNG CANCER CONSORTIUM SINGAPORE AND INTERNATIONAL ASSOCIATION FOR THE STUDY OF LUNG CANCER, 19-20 AUGUST 2017, GRAND COPTHORNE WATERFRONT HOTEL, SINGAPORE	SINGAPORE	CONFERENCE	2017-08-19	2017-08-20

COURSE ATTENDED:(EXTERNAL)					
No	Name of Event	Venue	Type	Start Date	End Date
8.	LUNG CANCER MASTER CLASS 2017 ORGANISED BY HOSPITAL PULAU PINANG, MALAYSIAN THORACIC SOCIETY AND MALAYSIAN ASSOCIATION FOR BRONCHOSCOPY AND INTERVENTIONAL PULMONOLOGY, 5 AUGUST 2017 AT ST GILES PENANG, THE WEMBLEY PREMIER HOTEL, GEORGETOWN, PENAN	PENANG	SCIENTIFIC MEETING	2017-08-05	2017-08-05
9.	MANAGING ASTHMA AND COPD EFFECTIVELY (MACE) 2017 ORGANISED BY MALAYSIAN THORACIC SOCIETY, 8 JULY 2017 AT KUALA LUMPUR HILTON, KUALA LUMPUR	KUALA LUMPUR	WORKSHOP	2017-07-08	2017-07-08
10.	BOEHRINGER INGELHEIM RESPIRATORY EXPERT MEETING: TREATING EARLY, EFFECTIVELY AND RELIABLY: SHOULD WE BE DOING MORE IN AIRWAY DISEASES? 1-2 JULY 2017, MILLENIUM SEOUL HILTON, SEOUL, SOUTH KOREA	SEOUL	SEMINAR	2017-07-01	2017-07-02
11.	MULTIDISCIPLINARY ONCOLOGY SYMPOSIUM MALAYSIA ORGANISED BY SUBANG JAYA MEDICAL CENTRE, 12-14 MAY 2017, DORSETT GRAND HOTEL, SUBANG JAYA	SUBANG JAYA	SYMPOSIUM	2017-05-12	2017-05-14
12.	LUNG CANCER MANAGEMENT IN T790M POST-PROGRESSION SETTING WORKSHOP (GENESIS) NORTHERN CHAPTER, 28 APRIL 2017, G HOTEL, PENANG	PENANG	WORKSHOP	2017-04-28	2017-04-28
13.	EMR200095-006-INSIGHT INVESTIGATOR MEETING AND DAVA WORKSHOP FOR THE PHASE IB/II MULTICENTER, RANDOMIZED, OPEN LABEL TRIAL TO COMPARE TEPOTINIB (MSC2156119J) COMBINED WITH GEFITINIB VERSUS CHEMOTHERAPY AS SECOND-LINE TREATMENT IN SUBJECTS WITH ME	TAIPEI	WORKSHOP	2016-12-10	2016-12-10
14.	IMMUNO-ONCOLOGY HONG KONG 2016, 19-20 NOVEMBER 2016, JW MARRIOTT HONG KONG	HONG KONG	CONFERENCE	2016-11-19	2016-11-20
15.	THIRD IDIOPATHIC PULMONARY FIBROSIS/INTERSTITIAL LUNG DISEASE REGIONAL EXPERT MEETING ASIA, 11 NOVEMBER 2016, WESTIN GRANDE HOTEL, SUKHUMVIT ROAD, BANGKOK, THAILAND	BANGKOK	SEMINAR	2016-11-11	2016-11-11
16.	ESMO (EUROPEAN SOCIETY OF MEDICAL ONCOLOGY) ADVANCED COURSE ON METASTATIC EGFR-MUTANT NSCLC (NON-SMALL CELL LUNG CANCER), 28-29 OCTOBER 2016, CONRAD HOTEL, SEOUL, SOUTH KOREA	SEOUL	COURSE	2016-10-28	2016-10-29
17.	ROCHE ONCOLOGY EDUCATIONAL WORKSHOP: BIOMARKERS IN CLINICAL PRACTICE FOR LUNG CANCER PATIENT MANAGEMENT, 16 JULY 2016, DOUBLE TREE BY HILTON, KUALA LUMPUR	KUALA LUMPUR	WORKSHOP	2016-07-16	2016-07-16
18.	2ND INTERNATIONAL ASSOCIATION FOR THE STUDY OF LUNG CANCER (IASLC) WORKSHOP ON LUNG CANCER, SHANGHAI, CHINA, 17-18 JUNE 2016	SHANGHAI	WORKSHOP	2016-06-17	2016-06-18
19.	KEYNOTE MK-3475 DAVA CLINICAL CARE WORKSHOP SINGAPORE, ON SEPTEMBER 19, 2015, SINGAPORE	SINGAPORE	WORKSHOP	2015-09-19	2015-09-19
20.	MEET-THE-EXPERT WORKSHOP ON ENDOSCOPIC LUNG VOLUME REDUCTION (ELVR) AT EUROPEAN RESPIRATORY SOCIETY (ERS) ANNUAL CONGRESS 2014, MUNICH, GERMANY, 7 SEPTEMBER 2014	MUNICH, GERMANY	WORKSHOP	2014-09-07	2014-09-07
21.	INTERNATIONAL ASSOCIATION FOR THE STUDY OF LUNG CANCER (IASLC) WORKSHOP ON PERSONALIZED THERAPY OF LUNG CANCER, SHANGHAI, CHINA, 5 SEPTEMBER 2014	SHANGHAI	WORKSHOP	2014-09-05	2014-09-05
22.	POSTGRADUATE COURSE ON IMAGING IN THE MANAGEMENT OF THORACIC MALIGNANCIES AT EUROPEAN RESPIRATORY SOCIETY ANNUAL CONGRESS 2013, 7 SEPTEMBER 2013, BARCELONA, SPAIN	BARCELONA, SPAIN	COURSE	2013-09-07	2013-09-07

COURSE ATTENDED:(EXTERNAL)					
No	Name of Event	Venue	Type	Start Date	End Date
23.	SCIENTIFIC EXCHANGE & SPEAKER TRAINING WORKSHOP: EVOLVING TREATMENT FOR PATIENTS WITH ALK(+) NSCLC, 14 APRIL 2013, HONG KONG	HONG KONG, CHINA	WORKSHOP	2013-04-14	2013-04-14
24.	17TH CONGRESS OF THE ASIA PACIFIC SOCIETY OF RESPIROLOGY PRE-CONGRESS POSTGRADUATE COURSE ON INTERVENTIONAL PULMONOLOGY, 14 DECEMBER 2012, HONG KONG	HONG KONG, CHINA	COURSE	2012-12-14	2012-12-14
25.	NON-SMALL CELL LUNG CANCER PRECEPTORSHIP STATE OF THE ART LUNG CANCER MEETING AT INSTITUT (DE CANCEROLOGIE) GUSTAVE ROUSSY, VILLEJUIF, PARIS AND CENTRE CHIRURGICAL MARIE-LANNELONGUE, UNIVERSITE PARIS-SUD, FRANCE 24-25 NOVEMBER 2011	PARIS, FRANCE	VISIT	2011-11-24	2011-11-25
26.	ENDBRONCHIAL ULTRASOUND SOUND COURSE 11-12 FEBRUARY 2011 CONDUCTED BY DEPARTMENT OF RESPIRATORY & CRITICAL CARE MEDICINE, SINGAPORE GENERAL HOSPITAL	SINGAPORE GENERAL HOSPITAL, SINGAPORE	COURSE	2011-02-11	2011-02-12
27.	OPTIMUM WORKSHOP: OPTIMISING TREATMENT STRATEGIES IN HOSPITAL-ACQUIRED INFECTIONS 6-8 AUGUST 2010 WESTIN HOTEL, LANGKAWI	LANGKAWI	WORKSHOP	2010-08-06	2010-08-08
28.	WORKSHOP ON LUNG FUNCTION TESTING ORGANIZED BY THE MALAYSIAN THORACIC SOCIETY 24 JULY 2009, ROYALE CHULAN HOTEL, KUALA LUMPUR	KUALA LUMPUR	WORKSHOP	2009-07-24	2009-07-24
29.	WORKSHOP ON LUNG FUNCTION TESTING ORGANIZED BY THE MALAYSIAN THORACIC SOCIETY, 24 JULY 2009, ROYALE CHULAN HOTEL, KUALA LUMPUR	KUALA LUMPUR	WORKSHOP	2009-07-24	2009-07-24
30.	WORKSHOP ON SLEEP-RELATED BREATHING DISORDERS ORGANIZED BY THE MALAYSIAN THORACIC SOCIETY, 24 JULY 2009, ROYALE CHULAN HOTEL, KUALA LUMPUR	KUALA LUMPUR	WORKSHOP	2009-07-24	2009-07-24
31.	2ND NATIONAL INTERVENTIONAL PULMONOLOGY WORKSHOP ORGANIZED BY THE MALAYSIAN THORACIC SOCIETY 16-17 JULY 2008, HOSPITAL TENGGU AMPUAN AFZAN, KUANTAN, PAHANG	KUANTAN, PAHANG	WORKSHOP	2008-07-16	2008-07-17
32.	MEDICAL SCHOOL ACCREDITATION TRAINING WORKSHOP, JOINTLY ORGANIZED BY KULLIYAH OF MEDICINE, INTERNATIONAL ISLAMIC UNIVERSITY, MALAYSIA AND MALAYSIAN MEDICAL COUNCIL 12-13 DECEMBER 2007, KUANTAN, PAHANG	KUANTAN, PAHANG	WORKSHOP	2007-12-12	2007-12-13
33.	MASTER OF MEDICINE WORKSHOP - SETTING THE STANDARD FOR ASSESSING CLINICAL COMPETENCY	UNIVERSITI KEBANGSAAN MALAYSIA	WORKSHOP	2007-04-06	2007-04-07
34.	LEAVE ASTHMA BEHIND AND FACILITATION WORKSHOP ORGANIZED UNDER THE MALAYSIAN THORACIC SOCIETY AND ASTHMA COUNCIL MALAYSIA 16 SEPTEMBER 2006, SHERATON HOTEL, LANGKAWI	LANGKAWI	WORKSHOP	2006-09-16	2006-09-16
35.	LUNG FUNCTION TESTS: FROM BASIC TO ADVANCE	PENANG	WORKSHOP	2006-07-14	2006-07-14
36.	PRACTICAL MANAGEMENT OF PLEURAL DISEASES (PRE-CONGRESS WORKSHOP OF 9TH ANNUAL CONGRESS OF MALAYSIAN THORACIC SOCIETY) 14 JULY 2006 & O HOTEL, PENANG	PENANG	WORKSHOP	2006-07-14	2006-07-14
37.	HANDS-ON PLEUROSCOPY DEMONSTRATION (PRE-CONGRESS WORKSHOP OF 9TH ANNUAL CONGRESS OF MALAYSIAN THORACIC SOCIETY)	HOSPITAL PULAU PINANG	WORKSHOP	2006-07-13	2006-07-13
38.	BRONCHOSCOPY AND THORACOSCOPY WORKSHOP	SINGAPORE GENERAL HOSPITAL	WORKSHOP	2005-01-07	2005-01-08

COURSE ATTENDED:(EXTERNAL)					
No	Name of Event	Venue	Type	Start Date	End Date
39.	WORKSHOP ON INTERVENTIONAL FIBROPTIC BRONCHOSCOPY	HONG KONG	WORKSHOP	2004-12-10	2004-12-10
40.	NATIONAL COLLOQUIUM ON POSTGRADUATE MEDICAL EDUCATION IN MALAYSIA: PAST EXPERIENCES, CURRENT COMMITMENTS AND FUTURE CHALLENGES AND DIRECTIONS	UNIVERSITI SAINS MALAYSIA, KUBANG KERIAN	COLLOQUIUM	2004-09-26	2004-09-28
41.	WORKSHOP ON DIAGNOSTIC AND INTERVENTIONAL PULMONOLGY	SUNWAY LAGOON RESORT HOTEL, PETALING JAYA	WORKSHOP	2003-12-01	2003-12-01
42.	WORKSHOP ON THE MANAGEMENT OF LOCALLY ADVANCED NON-SMALL CELL LUNG CANCER	TAIPEI, TAIWAN	WORKSHOP	2002-10-24	2002-10-25
43.	WORKSHOP ON THE MANAGEMENT OF VENTILATOR-ASSOCIATED PNEUMONIA	KUALA LUMPUR	WORKSHOP	2001-11-03	2001-11-03
44.	SLEEP MEDICINE COURSE 2001	KUALA LUMPUR	COURSE	2001-04-27	2001-04-29
45.	COMPUMEDICS P SERIES POLYSOMNOGRAPHY SYSTEM USERS TRAINING COURSE	SYDNEY, AUSTRALIA	COURSE	2000-03-16	2000-03-16
46.	TRAINING AND USING STANDARDISED PATIENTS FOR TEACHING AND ASSESSMENT	SPRINGFIELD, ILLINOIS, UNITED STATES	WORKSHOP	2000-01-18	2000-01-21
47.	COURSE ON QUALITY MANAGEMENT SYSTEM INTERNAL AUDITING	FRASER S HILL	COURSE	1999-02-24	2009-02-27
48.	SYSTEMATIC REVIEW WORKSHOP	KUALA LUMPUR	WORKSHOP	1997-11-17	1997-11-19
49.	POSTGRADUATE COURSE ON TUBERCULOSIS	SINGAPORE	COURSE	1997-09-05	2015-09-05
50.	NATIONAL WORKSHOP ON RESPIRATORY ALLERGIES	INSTITUTE FOR MEDICAL RESEARCH, KUALA LUMPUR	WORKSHOP	1996-09-25	1996-09-26
51.	BRONCHOSCOPY WORKSHOP	DEPARTMENT OF RESPIRATORY AND CRITICAL CARE MEDICINE, SINGAPORE GENERAL HOSPITAL	WORKSHOP	1996-09-15	1996-09-15
52.	COURSE ON PRESENTATION SKILLS	KUALA LUMPUR	COURSE	1996-08-10	1996-08-11
53.	RESPIRATORY EPIDEMIOLOGY COURSE	KUALA LUMPUR	COURSE	1996-03-17	1996-03-23
54.	NEW ZEALAND ASTHMA MANAGEMENT SUMMER SCHOOL	WELLINGTON, NEW ZEALAND	COURSE	1995-02-20	1995-02-22
55.	WORKSHOP ON THE KAISER PILLING PROCEDURE OF VIDEO-ASSISTED THORACOSCOPIC SURGERY	INSTITUT JANTUNG NEGARA, KUALA LUMPUR	WORKSHOP	1994-04-11	1994-04-12
56.	GROUP TRAINING COURSE IN TUBERCULOSIS CONTROL FOR ADMINISTRATIVE MEDICAL OFFICERS	RESEARCH INSTITUTE OF TUBERCULOSIS, KIYOSE-SHI, TOKYO	COURSE	1993-05-10	1993-06-27

COURSE ATTENDED:(ORGANIZED BY PTJ)					
No	Name of Event	Venue	Type	Start Date	End Date
1.	MULTIDISCIPLINARY WORKSHOP ON LUNG CANCER 25 OCT 2009, LE MERIDIEN HOTEL, KUALA LUMPUR	KUALA LUMPUR	WORKSHOP	2009-10-25	2009-10-25

COURSE ATTENDED:(ORGANIZED BY PTJ)					
No	Name of Event	Venue	Type	Start Date	End Date
2.	PROBLEM-BASED LEARNING CASE DEVELOPMENT WORKSHOP	PUTRAJAYA	WORKSHOP	2006-05-12	2006-05-14
3.	PLEUROSCOPY HANDS-ON WORKSHOP	UNIVERSITY OF MALAYA	WORKSHOP	2005-07-14	2005-07-14
4.	BENGGEL PENINGKATAN KEMAHIRAN PENGAUDITAN ISO9001:2000, ANJURAN UNIT PENGURUSAN SISTEM KUALITI (QSMU)	SEREMBAN	WORKSHOP	2002-07-12	2002-07-14
5.	GOOD CLINICAL PRACTICE WORKSHOP, CLINICAL INVESTIGATION CENTRE AND HERDU OF UMMC	UNIVERSITY OF MALAYA MEDICAL CENTRE	WORKSHOP	2000-08-24	2000-08-26
6.	MANAGEMENT DEVELOPMENT WORKSHOP	NADI CAMP, SUNGKAI, PERAK	WORKSHOP	1998-07-23	1998-07-26