

## CURRICULUM VITÆ



**NAME:** SUBAPRIYA SUPPIAH

**SPECIALIZATION:** General Diagnostic Radiology, Fellowship in Nuclear Medicine (PET/CT), Molecular Imaging

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**QUALIFICATIONS:**

1. Medical Doctor, MD (USM). Medical Degree. Universiti Sains Malaysia (2002)
2. Masters in Radiology, MRAD (UM). Masters in Medicine (Radiology). University of Malaya(2011)
3. Annual PET/CT Course Instructor, Universiti Putra Malaysia (2016)
4. Regional Training in Hybrid Imaging, Yangon Myanmar (Sept 2015)
5. Fellowship in Nuclear Medicine, Royal Liverpool and Broadgreen University Hospitals, UK (April 2016)
6. Independent Component Analysis in Resting State fMRI, Society of Experimental Psychology, Oxford University, UK (July 2016)
7. Academy of Medicine Malaysia (2015)
8. National Specialist Registry (NSR) (2015)
9. Good Clinical Practice (GCP) (2013)

## **PRESENT POST:**

1. Deputy Director of Centre for Diagnostic Nuclear Imaging (CDNI), Universiti Putra Malaysia  
(1<sup>st</sup> October 2015 – present)
2. Senior medical lecturer, Faculty of Medicine and Health Sciences, Universiti Putra Malaysia (11<sup>th</sup> January 2013 - present)

## **PAST WORKING EXPERIENCES:**

1. Facilitator Problem Based Learning Module, UPM: (2013 -2015)
2. Conjoint Board Committee Master Radiology UPM: (2015)
3. Radiologist Pre-Gazettement Trainee, Hospital Sultanah Nora Ismail, Batu Pahat, Johor: (April 2012- January 2013)
4. Radiologist Postgraduate Trainee, Hospital Tengku Ampuan Rahimah, Klang: (December 2011- March 2012)
5. Registrar Radiology Medical Officer, Universiti Malaya Medical Centre : (2008 - 2011)
6. Medical Officer, National Blood Bank, Jln Tun Razak KL : (2006 -2007)
7. Medical and Health Officer, Pejabat Kesihatan Daerah Port Dickson and Klinik Kesihatan Linggi,:(2005 – 2006)
8. Medical Doctor. Hospital Tuanku Ja'afar, Seremban, N.Sembilan: (2004 - 2005)
9. Housemanship, Hospital Kuala Lumpur : (2002-2003)

## **ACADEMIC TEACHING**

1. Master in Medicine, Radiology (RAD5501)
2. Masters in Science, Molecular Imaging
3. Medical Degree Programme UPM

## **PROFESSIONAL MEMBERSHIP**

<b>Society</b>	<b>Membership</b>
Malaysian Medical Association	Member
Academy of Medicine Malaysia	Life Member
Universiti Putra Malaysia Academic Officers' Association	Member
British Institute of Radiology	Member
Special Interest Group, Nuclear Medicine and Molecular Imaging, British Institute of Radiology	Member
College of Radiology Malaysia	Life Member

**TEACHING COURSES: DEGREE IN MEDICINE (MD) UPM**

Session	Course Code/ Title	Course level	Total hours/ semester	Teaching Method	No. of students
2012/2013	SPK4312 SENIOR SURGERY	Under graduate	4	Lecture/ Tutorial/Quiz	29
2013/2014	SPK4212 SENIOR MEDICINE	Under graduate	4	Lecture/ Tutorial/Quiz	28
2013/2014 until 2016	SPP3561 ENDOCRINE SYSTEM MODULE	Under graduate	1	Interactive Lecture	106
2013/2014	SPK3011 EARLY CLINICAL EXPERIENCE	Under graduate	6	Interactive Lecture/Demonstration/ Practical Interactive/Lecture	13
2014/2015	SPP3532 MODULE OF CARDIOVASCULAR SYSTEM	Under graduate	4	Interactive Lecture	110
2014/2015	SPK3921 INTRODUCTION TO MEDICINE	Under graduate	4	Lecture/ Tutorial/Quiz	70
2014/2015	SPK4922 SENIOR MEDICINE	Under graduate	4	Lecture/ Tutorial/Quiz	29
2015/2016	SPK4922 SENIOR MEDICINE	Under graduate	4	PBL style	37
2014/2015	SPP3591 MODULE OF PROBLEM BASED LEARNING (PBL)	Under graduate	18	Supervision on student research project	40
2013/2014	SPP3621 RESEARCH PROJECTS AND RESEARCH METHODOLOGY	Under graduate	200	Supervision on student research project -Thesis examiner	4 students supervised+ 2 thesis examiner
2014/2015	SPP3621 RESEARCH PROJECTS AND RESEARCH METHODOLOGY	Under graduate	200	Supervision on student research project -Thesis examiner	4 students supervised+ 2 thesis examiner

## **STUDENT SUPERVISION**

### **POSTGRADUATE RESEARCH SUPERVISION**

#### **Doctor of philosophy; PhD:**

1. Shazwani Shaharuddin (GS47702) Faculty of Medicine and Health Sciences. Assessing Safety and Efficacy of Early Initiation of Anticoagulation after Ischaemic Stroke or Transient Ischaemic Attack in Patients with Atrial Fibrillation. Co-supervisor (On-going).

#### **Master of Radiology:**

1. Aida Abdul Rashid (GS46452). Faculty of Medicine and Health Sciences. Exploring the neuronal connectivity and mood affects in Universiti Putra Malaysia students with smartphone addiction using fMRI BOLD imaging. Main supervisor (On-going).
2. Idris Ibrahim (GS45226). Faculty of Medicine and Health Sciences. Assessment of Cartilage Anatomy among Malaysian Athletes Using Magnetic Resonance Imaging. Co-supervisor (On-going).

#### **Master by research:**

1. Miss Nik Nur Hikmah Binti Ramli (GS39468). Faculty of Medicine and Health Sciences, Universiti Putra Malaysia. An Assessment of Ge-Doped Optical Fiber as a Potential Clinical Dosimeter in Mammography. - Co-supervisor.
2. Miss Nur Hafizah Binti Mohad Azmi (GS42853). Faculty of Medicine and Health Sciences. - Main supervisor (On-going).

### **POSTGRADUATE EXAMINER:**

- Viva examiner Part 1 Masters in Radiology (Observer) May 2017 in University of Malaya

## **UNDERGRADUATE RESEARCH SUPERVISION**

**2014**

### **Students:**

- ❖ Lee Roy – Ming Chow (Matrix No: 168287) – Main Supervisor
- ❖ Nor Sharmin Binti Sazali (Matrix No: 167495) – Main Supervisor
  
- Thesis title: Prevalence Of Non-Alcoholic Fatty Liver Disease (NAFLD) In Patients with Metabolic Syndrome in Serdang Hospital, Selangor in 2012 and 2013

### **Students:**

- ❖ Khaw Ju Leong (Matrix No: 168236) – Co-Supervisor
- ❖ Kumutharani A/P Rakupathy (Matrix No: 167117) – Co-Supervisor
  
- Thesis title: Prevalence Of Fatty Liver Changes on Computed Tomography of Patients with Suspected Urolithiasis in Serdang Hospital

**2015**

### **Students:**

- ❖ Siti Hazirah Binti Kamal (Matrix No: 174801) – Main Supervisor
- ❖ Anis Zahirah Binti Mohd Zabid (Matrix No: 174790) – Main Supervisor
  
- Thesis title: Accuracy of Computed Tomography Abdominal scan in Characterizing Adnexal Masses and Detecting Ovarian Cancer with Histopathological Findings

**2016**

### **Students:**

- ❖ Syed Mohd Izzat Bin Syed Jazmi (Matrix No: 180508) – Co-Supervisor
- ❖ Shree Sangami Manisegaran (Matrix No: 180370) – Co-Supervisor
  
- The Prevalence Of Abnormal Brain Magnetic Resonance Imaging And Its Contributing Factors Among Paediatric Patients With Developmental Delay In Hospital Serdang 2017

**2017**

### **Students:**

- ❖ Tuan Aaina Syafiqah Binti Tuan Azmi (Matrix No: 181662) – Main Supervisor
- ❖ Tengku Nur Syahirah Binti Tuan Abdullah@Tuan Mat (Matrix No: 182154) – Main Supervisor
- ❖ Soh Ee In (Matrix No: 185034) – Main Supervisor
  
- Thesis title: Diagnostic Accuracy of Abdominal Magnetic Resonance Imaging to Detect Non Alcoholic Fatty Liver Disease among Healthy Subjects in Selangor.

### **UNDERGRADUATE THESIS EXAMINER:**

- Distribution and Prevalence of Microorganisms Causing Diabetic Foot Infection in Hospital Serdang, Prihyayini.Y, Muhammad Alimi.M. (Examiner).

### **FINAL YEAR CASE REPORTS**

1. Lahajang Bin Abdul Mutalib (170625), Radiology Case Reports, Computed Tomography.
2. Nur Syabihah Bt. Mohd Hasnan (170662), Radiology Case Report, Computed Tomography.
3. Janice Ang Su Chen (170610), Radiology Case Report, Computed Tomography.
4. Zalifaah binti Pajan Rahman (170675), Radiology Case Report, Computed Tomography.
5. Marcos Popey Anak Jarit (167101), Radiology Case Report, Computed Tomography.
6. Fairuz Binti Mahamod (169692), Radiology Case Report, Computed Tomography.
7. Mohd Syafiq Jahari (170634), Radiology Case Report, Computed Tomography.
8. Nurul Fatimah Binti AB Khalek (169649), Radiology Case Report, Computed Tomography.
9. Nur Farzana Bt. Zainul Abidin (169724), Radiology Case Report, Computed Tomography.
10. Nur Amalina Bt. Tukiman (169835), Radiology Case Report, Computed Tomography.

## RESEARCH PROJECTS

No.	Project No.	Project Title	Position/ Role	Year	Source of fund	Status
1.	<b>RG171/09htm</b>	Magnetic Resonance Imaging and Proton Magnetic Resonance Spectroscopy For The Characterization of Suspicious Breast Lesions Using 3.0 Tesla MR Scanner	Co-Investigator	2009-2011	GERAN PENYELIDIKAN UNIVERSITI MALAYA (UMRG) RM 61,400.00	Completed
2.	<b>NMRR-13-1472-15142</b>	General health status of indigenous people in Peninsular Malaysia, Sabah and Sarawak	Co-Investigator	2014-2015	SCIENCE FUND, MOSTI	Completed
3.	<b>SF1680/545070</b>	Computer-Aided Detection Computed Tomography Laser Mammography (CTLM)	Co-Investigator	2013 - 2015	SCIENCE FUND, MOSTI RM 213,000.00	Completed
4.	<b>NMRR-14-513-20709</b>	Prevalence of non-alcoholic fatty liver disease (NAFLD) in patients with metabolic syndrome in Serdang Hospital, Selangor in 2012 and 2013	Principle Investigator	2014	SELF-FUNDED	Completed
5.	<b>UPM/700-2/1/GP-IPM/2013/9404000</b>	The Utility of 18F-FDG PET/CT Parameters to Assess Response to Neoadjuvant Chemotherapy in Advanced Primary and recurrent Ovarian Cancers, Correlated with Pathological and Histopathological Cell Proliferative Indices – A Pilot Project	Principle Investigator	2013-2016	UPM Research Grant, GP-IPM 9404000/2013 RM50,000	Completed
6.	<b>NMRR-14-1919-20314(IIR)</b>	Measurement of cardiac and liver iron deposition in thalassaemia patients using T2* sequence on Magnetic Resonance Imaging	Co-Investigator	2014 - 2016	UPM Research Grant, GP-IPM RM50,000	Completed
7.		Usefulness of Dual Energy Dual Source Computed Tomography of Central Vein Stenosis	Co-Investigator	2015	UPM Research Grant, GP-IPM RM50,000	On-going
8.		Variations in Methodology of Whole Body18F-FDG PET/CT Scans Methodology of Whole Body18F-FDG PET/CT Scans	Principle Investigator	2015-2017	UPM Research Grant, GP-IPS RM20,000	On-going
9.		The Prevalence Of Abnormal Brain Magnetic Resonance Imaging And Its Contributing Factors Among Paediatric Patients With Developmental Delay In Hospital Serdang 2017	Co-Investigator		Self-Funded	Completed

10.		An MRI Registry of clinical and Radiological Outcomes Following Initiation of Anticoagulation After Ischaemic Stroke or Transient Ischaemic Attack in Patients with Atrial Fibrillation	Co-Investigator	2017	GP-IPM 2017 RM60,000	On-going
11.	9433969	Dosimetric Characteristics of Fabricated GeDoped Cylindrical Optical Fibres Irradiated with X-Ray Energy Used in General Radiography	Co-Investigator	2014	Grant Putra/UPM RM 6,000	Completed
12.		Prevalence Of Fatty Liver Changes on Computed Tomography of Patients with Suspected Urolithiasis in Serdang Hospital	Co-Investigator	2014	Self-Funded	Completed
13.		The Variations in Methodology of Whole Body 18F-FDG PET/CT for Oncologic Imaging in Malaysia Imaging Centre	Principle Investigator	2015	Postgraduate Supervision UPM Grant	Completed
14.		Identifying Amyloid Plaque Burden in Dementia: An 18F-Florbetapir Study	Principle Investigator	2016	Investigator Initiated	Completed
15.		Tranexamic acid for Intra Cerebral Haemorrhage (TICH-2). A Multicentre Study involving University of Nottingham United Kingdom, China and Malaysia.	Co-Investigator	2016	University of Nottingham UK Grant	On-going
16.		Factors Determining Physician's Decision Rule In Utilising CT Scan For Traumatic Brain Injury In Children 2 Years Old And Below In Hospital Serdang.	Co-Investigator	2016	Self-funded	Completed
17.		Prevalence Of Fatty Liver Changes on Computed Tomography of Patients with Suspected Urolithiasis in Serdang Hospital	Co-Investigator	2014	Self-funded	Completed
18.		Exploring the changes in neuronal activity of the reward system pathway in the brain in students of Universiti Putra Malaysia with Smartphone Addiction related to social networking sites using task-based fMRI.	Co-Investigator	2017	Grant Putra/IPM UPM	On-going
19.		Prevalence of Hypertension at Blood pressure Screening campaigns in conjunction with World Hypertension Day: a multi-centre cross-sectional study	Co-Investigator	2017	Investigator Initiated	On-going
20.		Diagnostic Accuracy of Magnetic Resonance	Principle Investigator	2017	Self-Funded	Completed



		Spectroscopy of the Abdomen to Diagnose Non Alcoholic Fatty Liver Disease Using Ultrasound as Gold Standard among Healthy Subjects in Selangor 2016				
21.		Accuracy of Computed Tomography Abdominal scan in Characterizing Adnexal Masses and Detecting Ovarian Cancer with Histopathological Findings	Principle Investigator	2015	Self-Funded	Completed

## CONSULTANCY

### CLINICAL

Activity	Duration
i. Consultation in ultrasound, CT scan and MRI at Hospital Serdang	2013 – 2015 (120 hours/ month)
ii. On call duty after office hours at Department of Diagnostic Imaging, Hospital Serdang (5pm – 8am)	2013 – 2015 ( 3 - 4 times / month)
iii. Ultrasound at Hospital Serdang	
iv. CT, PET/CT, MRI and ultrasound imaging at PPDN	2015 – currently (30 hours/ month)
v. PET/CT radiology cases from referral hospitals in the Klang Valley	2015 – currently (80 hours / month) 2015 – currently (16 hours/ month)

### RECOGNITION OF EXPERTISE – CONSULTANT RADIOLOGIST

Team Coordinator in PET-CT Course hosted by Centre for Diagnostic Nuclear Imaging, UPM (National level)	2016
Consultation to Masters in Radiology students UPM	2015 – currently
Weekly Multi-Disciplinary Team (MDT) Conference on Cardiorespiratory System cases	2014 – 2016

## **PUBLICATIONS**

### **Academic Publications**

#### **Book/ Chapters in Book/ Monograph:**

1. Manual of Basic Curriculum and Practical Guide in Abdominal Ultrasound for Non-Radiologists, 1st Edition. 2016 (in collaboration with Ministry of Health Malaysia, College of Radiology, Academy of Medicine Malaysia, UPM and UKM)
2. Cheah Yoke Queen, Abdul Jail Nordin, Fathinul Fikri Ahmad Saad, **Subapriya Suppiah** et al. Pengimbasan PET/CT dalam Neurologi –Pengimejan Otak. Aplikasi Bioinformatik dalam Sains Bioperubatan. 2016 Dewan Bahasa dan Pustaka. Kuala Lumpur Malaysia
3. Cheah Yoke Queen, Abdul Jail Nordin, Fathinul Fikri Ahmad Saad, **Subapriya Suppiah** et al. Chapter: PET/CT in Neurology – Brain Imaging. Bioinformatic Information in Biomedical Sciences. 2016 Dewan Bahasa dan Pustaka. Kuala Lumpur Malaysia
4. Research Activities & Output PPDN 2015/ 2016. ISSN: 977-2289-520005. Chief Editor: **Subapriya Suppiah**
5. Master of Radiology (M Med Rad) Program Monograph (2012-2014)

#### **Article in Professional Magazine:**

1. **Suppiah S.** 'Apa Khabar' from Aberdeen Hong Kong - Memoirs of the HKCR 22nd Annual Scientific Meeting 2014. Berita Akademi. Academy of Medicine Malaysia. Jan 2015 VOL. 23 No. 1
2. **Suppiah S.** International Atomic Energy Agency in Myanmar 2015 – The melting pot of ideas for Asian hybrid imaging specialists. College of Radiology Malaysia website. 2015 Events

**2007**

1. S. V. L. G. Naidu · **S. Subapriya** · C. N. Yeoh · S. Soosai · V. Shalini · S. Harwant. The use of low output laser therapy to accelerate healing of diabetic foot ulcers- A randomized prospective controlled trial. Conference paper in proceedings of SPIE - **The International Society for Optical Engineering October 2004. Impact Factor: 0.20 · DOI: 10.1117/12.660040**

**2010**

2. Vickneswaran, Kasthoori Jayapragasam, Kartini Rahmat, **Subapriya Suppiah**, Anushya Vijayananthan, et al. Accuracy of choline detection in the assessment of breast lesions using single Voxel proton H1 MR Spectroscopy at 3.0 Tesla, 61st RANZCR Annual Scientific Meeting, Perth, Australia., 01 Dec 2010, (International)

**2011**

3. **Subapriya Suppiah**, Kartini Rahmat, Anushya Vijayananthan, Yang Faridah Abdul Aziz, Li Quo Tan, Cheng Har Yip. Accuracy of choline peak detection in the assessment of breast lesions using single voxel proton (1 H) MR spectroscopy at 3.0 Tesla, University Malaya Medical Centre, Malaysia. Korean College of Radiology (KCR) 2011. SS02 BR06, pg.25 (Oral Presentation, Travel Award) (International)

**2013**

4. Abu Hassan H, **Suppiah S**, et al. Multiethnic hepatic artery variants on multiphase CT Liver. 2013 Selangor State Research Day Proceedings, 2013; 1:32
5. **Suppiah S**, Abu Hassan H, Mahmud R, et al. Radiological pictorial review of tuberous sclerosis in multi-ethnic Malaysian race. 2013 Selangor State Research Day Proceedings, 2013; 1:18
6. Abdul Rahim E, Abu Hassan H, **Suppiah S**, et al. Usefulness of dual energy source computed tomography in Central Venous Stenosis Investigation, 2013 Selangor State Research Day Proceedings, 2013; 1:29

**2014**

7. **Suppiah S**, Abu Hassan H, Mahmud R, et al. Radiological pictorial review of tuberous sclerosis in multi-ethnic Malaysian race. 2013 Selangor State Research Day Proceedings, 2013; 1:18 (State Level)
8. Abu Hassan H, Abdul Rahim E, **Suppiah S**, et al. Cardiac Iron Load in Paediatric Thalassaemia Patients. The 15th Asian Oceanic Conference of Radiology Abstract and Programme Book. 2014: S187 (International)
9. Abdul Rahim E, Abu Hassan H, **Suppiah S**, et al. Incidence of crown death (corona mortis) in 132 multiracial Asian hemipelvis using 128 dual energy CT scan. The 15th Asian Oceanic Conference of Radiology Abstract and Programme Book. 2014:S172(International)
10. A rare coeliac trunk variant in a patient with horseshoe kidney. 2014 College of Radiology Annual Scientific Meeting Abstract Book. 2014 PP23, pg. 76 (National)

**11. Subapriya S**, Nordin AJ, Ahmad Saad F, Abu Hassan H, Norafida B, Abdul Rahman E, Nur Hafizah MA. Emerging Resistance to Epidermal Growth Factor Inhibitor Treatment in Non-Small Cell Lung Cancer Patients: The Role of 18-FDG PET/ CT Imaging. Malaysian College of Radiology. Annual Scientific Meeting 2014. PP51 pg. 103 (National)

**12.** A spectrum of extramedullary haematopoiesis in thalassaemia patients on MRI. UPM Research Week. 2014 (Faculty/ University Level)

**13.** Contrast-enhanced Computed Tomography for the quantification of non-alcoholic fatty liver disease in Metabolic Syndrome patients. 22<sup>nd</sup> Annual Scientific Meeting Hong Kong College of Radiologists Abstract and Programme Book. 2014:S111 (International)

**14. Suppiah S**, Nordin AJ, Ahmad Saad FF, Nur Hafizah MA. Non-Small Cell Lung Cancers With Emerging Resistance To Epidermal Growth Factor Receptor Inhibitors (EGFR) Treatment: Can 18-FDG PET/CT Help?' Proceedings book Hong Kong College of Radiologists 22nd Annual Scientific Meeting 2014, pg.102 – 103 (International)

## 2015

**15.** Jalalian A, Ramli AR, Karasfi B, Saripan MI, Bahri N, Mahmud R, Mashohor S, **S A/P Suppiah**. Computed Automatic 3D Segmentation Methods in Computed Tomography Laser Mammography, Third International Conference On Advances In Computing, Electronics And Communication – ACEC, **2015:204 – 208; doi: 10.15224/978-1-63248-064-4-110(International)**

**16. Subapriya S**, Mohd Hazeman Z, Bahariah K, Norlijah O, Ahmad Saad FF, Nordin AJ. Molecular Imaging Helps Shed Light Into Puzzling Aches And Pains In An Elderly Lady. pg.14, Malaysian Congress of Radiology. Annual Scientific Meeting 2015. Poster presentation and Proceedings Book. (National)

**17.** Mohamad Syafeeq Faez MN, Anna Misyail AR, Norafida B, Mohd Hazeman Z, Idris I, **Subapriya S**. The Gerbode Defect: Anomalous Cardiac Circulation Causing Insidious Onset Heart Failure. Pg.16, Malaysian Congress of Radiology. Annual Scientific Meeting 2015. Poster presentation and Proceedings Book. (National)

**18.** Differential diagnoses of large adnexal masses in young ladies with emphasis on CT characteristics. Faculty Excellence Month 2015. (Faculty/ University)

**19.** Factors determining physician's decision rule in utilising CT scan for traumatic brain injury in children 2 years old and below in Hospital Serdang. Faculty Excellence Month 2015. (Faculty/ University)

**20.** Hasyma Abu Hassan, **Subapriya Suppiah**, et al. A forgotten entity: Portal Biliopathy. Malaysian Congress of Radiology 2015(National)

**21.** Mohd Zabid AZ, Kamal SH, Abu Hassan H, **Suppiah S**. Sensitivity and Specificity of Abdominal Computed Tomography Scan in Characterising Adnexal Masses and Detecting Ovarian Cancer. UPM Faculty Excellence Month 2015. (Faculty/ University)

## 2016

**22. Suppiah S** (2016) Technical Assistance by IAEA for hybrid imaging in Asia: A Experience in 2015, **PP5**, pg.36-37. **ICTMiPS 2016 (International)**

- 23. Suppiah S** (2016) Radiologists Can Act as a Catalyst for Propagation of Research in Academia, **PP6**, pg.37. **ICTMiPS 2016 (International)**
- 24. Mohad Azmi, NH, Suppiah S, Ahmad Saad, FF and Mohd Noor N** (2016) Short Review Paper: Accuracy of PET/CT Quantitative Parameter of SUL in the Clinical Setting, **ICTMiPS 2016 (International)**
- Subapriya Suppiah, Fathinul Fikri Ahmad Saad** (2016) Whole-body MR/ PET fusion imaging: A paradigm shift in oncologic imaging? **ICTMiPS 2016 (International)**
- 25. H Abu Hassan, MS Suraini, S Suppiah, N Othman** (2016) Magnetic Resonance Imaging Pattern Recognition Of Cardiac Siderosis In Paediatric Thalassaemia Patients, **ICTMiPS 2016 (International)**
- 26. Suppiah S.** Pattern of 18F-FDG PET/CT Uptake In Ovarian Cancer Correlated With Intra-Operative And Histopathological Findings: A Malaysian Experience, SP14, pg. 22 -23, **ICTMiPS 2016 (International)**
- 27. Suppiah S.** Functional MRI: Designing Paradigms for Achieving A Novel Paradigm Shift in Neuroradiology Research, SP24, pg. 25-26, **ICTMiPS 2016 (International).**
- 28. Ezamin AR , Suppiah S, Abu Hassan H, Mohd Saini S, Norafida B, Ab Hamid S, Abd Rashid SN, Mahmud R.** Angiographically Proven Hypothenar Hammer Syndrome In A School Teacher PP7, pg.37, **ICTMiPS 2016 (International).**
- 29. Kamal SH, Mohd Zabid AZ, Abu Hassan H, Suppiah S.** Characterization Of Adnexal Masses Using Multidetector Contrast-Enhanced CT Scan – Aids To Common Pitfalls Due To Mimickers Of Ovarian Cancer. PP8, pg.37-38, **ICTMiPS 2016 (International).**
- 30. Suppiah S, Mohd Hazeman Z, Bahariah K, Norlijah O ,Mohd Saini S, Ahmad Saad FF, Nordin AJ.** Diagnostic Dilemma of Post-infective Systemic Arthritis Aided by Multimodality Imaging using MRI, CECT and 18F-FDG PET/CT scans. PP9, pg.38, **ICTMiPS 2016 (International).**
- 31. Mohad Azmi, N. H., Ahmad Saad, F. F., Mohd Noor,N., Suppiah S.** Short Review Paper: Accuracy of QuantitativeParameter SUL in PET/CT Clinical Setting.PP11, pg.39, **ICTMiPS 2016 (International).**
- 32. Nur Aimi Ngah, Subapriya Suppiah, Suraini MohamadSaini, Siti Jusna @ Siti Sharifah Muhammad, Mohamad, Syafeeq Faez Mohd Noh, Suzana Abdul Hamid, Hisyam Salleh.** A Rare Case Of Subglottic Ectopic Thyroid Tissue Causing Upper Airway Obstruction: Detection by CECT and MRI neck. PP12, pg.39-40, **ICTMiPS 2016 (International).**
- 33. H Abu Hassan, MS Suraini, S Suppiah, N Othman.** Magnetic Resonance Imaging Pattern Recognition of Cardiac Siderosis in Paediatric Thalassaemia Patients.PP13, pg.40, **ICTMiPS 2016 (International).**

**34. Subapriya Suppiah**, Fathinul Fikri Ahmad Saad. Whole-body MR/ PET fusion imaging: A new kid on the block in oncologic imaging PP18, pg.42-43, **ICTMiPS 2016 (International)**.

**35. Ezamin, A.R, Paisal, H, Ashraf, A.H, Saini, M, Abu Hassan, H, Norafida, B, Suppaiah S.** The Incidence Of Crown Of Death (Corona Mortis) In 132 Multiracial Asian Hemipelves Using Dual Energy Ct Scanner. PP37, pg.50-51, **ICTMiPS 2016 (International)**.

## 2017

**36. Suppiah et al.** Mapping the brain functional network in young adults with smartphone addiction using fMRI. ASEAN Association of Radiology (AAR) 2017, Shangri-La Hotel, Kuala Lumpur (International)

**37. Suppiah et al.** Standardization of contrast-enhanced 18F-FDG PET/CT semi-quantitative measurements using the liver as a reference organ. ASEAN Association of Radiology (AAR) 2017, Shangri-La Hotel, Kuala Lumpur (International)

## **Oral Presentation**

### **2010**

1. **Subapriya Suppiah** (PRESENTER), Kartini Rahmat, Kasthoori Jayapragasam, Anushya Vijayanathan, Yang Faridah Abd Aziz, Yip Cheng Har. Accuracy Of Choline Peak Detection In The Assessment Of Breast Lesions Using Single Voxel Proton (1H) MR Spectroscopy At 3.0 Tesla. Malaysian College of Radiology Annual Scientific Meeting 2010. Best Oral Presentation Award In Scientific Session (Silver) (National Level)

### **2011**

2. **Subapriya Suppiah**, Kartini Rahmat, Anushya Vijayanathan, Yang Faridah Abdul Aziz, Li Quo Tan, Cheng Har Yip. Accuracy of choline peak detection in the assessment of breast lesions using single voxel proton (1H) MR spectroscopy at 3.0 Tesla. 67th Korean Congress of Radiology (KCR) Annual Delegate Meeting of the Korean Society of Radiology, Scientific session SS 02 BR-06 pg 243-244 (International Level) (Travel Award)

### **2014**

3. **Suppiah S**, Nordin AJ, Ahmad Saad FF, Nur Hafizah MA. Non Small Cell Lung Cancers With Emerging Resistance To Epidermal Growth Factor Receptor Inhibitors (EGFR) Treatment: Can 18-FDG PET/CT Help?' Hong Kong College of Radiologists 22nd Annual Scientific Meeting 2014 (Best Presenter Award-Nuclear Medicine) (International Level)

### **2016**

4. **Subapriya Suppiah**, et al. Pattern Of 18F-FDG PET/CT Uptake In Ovarian Cancer Correlated With Intra-Operative And Histopathological Findings: A Malaysian Experience. OP6, ICTMiPS 2016 (Best Proffered Paper – Molecular Imaging) (International Level)

## Poster Presentation

### 2011

1. **Suppiah S**, Kartini R, Vijayanathan A, Abd Aziz YF, Wui AL, Tan LQ, Yip CH. Dynamic Contrast-Enhanced MRI and MR Spectroscopy For The Characterization Of Suspicious Breast Lesions At 3.0 Tesla. Malaysian College of Radiology Annual Scientific Meeting 2011

### 2013

2. Abu Hassan H, **Suppiah S**, Ezamin AR et al. Multiethnic hepatic artery variants on multiphase CT Liver. 2013 Selangor State Research Day Proceedings, 2013; 1:32
3. **Suppiah S**, Abu Hassan H, Mahmud R, et al. Radiological pictorial review of tuberous sclerosis in multi-ethnic Malaysian race. 2013 Selangor State Research Day Proceedings, 2013; 1:18
4. Abdul Rahim E, Abu Hassan H, **Suppiah S**, et al. Usefulness of dual energy source computed tomography in Central Venous Stenosis Investigation, 2013 Selangor State Research Day Proceedings, 2013; 1:29

### 2014

5. **Subapriya S**, Nordin AJ, Ahmad Saad F, Abu Hassan H, Norafida B, Abdul Rahman E, Nur Hafizah MA. Emerging Resistance To Epidermal Growth Factor Inhibitor Treatment In Non Small Cell Lung Cancer Patients: The Role Of 18-FDG PET/ CT Imaging. Malaysian College of Radiology. Annual Scientific Meeting 2014.
6. Abu Hassan H, **Suppiah S**, Ezamin AR et al. A rare coeliac trunk variant in a patient with horseshoe kidney. 2014 College of Radiology Annual Scientific Meeting 2014 (PP23) (National)
7. **Suppiah S**, Norafida B, Abu Hassan S, Abdul Rahim E, Mahmud R. Manifestations of Tuberous sclerosis complex in Multiethnic Malaysian Race: A pictorial review. E-024. UKRC 2014. E poster online publication. <http://ukrc2014.profile-posters.co.uk/eposter/action/view/layout/2/id/3557>



**2015**

8. Mohd Zabid AZ, Kamal SH, **Suppiah S**, Abu Hassan H. Sensitivity and Specificity of Abdominal Computed Tomography Scan in Characterising Adnexal Masses and Detecting Ovarian Cancer. Faculty Excellence Month 2015. Faculty of Medicine and Health Sciences, Universiti Putra Malaysia. [Best Poster Award- Gold] (Undergraduates)] (Faculty Level)

**2016**

9. **Suppiah S**, Mohd Hazeman Z, Bahariah K, Norlijah O, Mohd Saini S, Ahmad Saad FF, Nordin AJ. Diagnostic Dilemma of Post-Infective Systemic Arthritis Aided by Multimodality Imaging using MRI, CECT and 18 F-FDG PET/CT scans. International Conference of translational Molecular Imaging and Aero-Space Medicine & Physiology Showcase. 15-16 April 2016.
10. Nur Aimi Ngah, **Subapriya Suppiah**, Suraini Mohamad Saini, Siti Jusna @ Siti Sharifah Muhammad, Mohamad Syafeeq Faez Mohd Noh, Suzana Abdul Hamid, Hisyam Salleh. A Rare Case of Subglottic Ectopic Thyroid Tissue Causing Upper Airway Obstruction: Detection by CECT and MRI Neck. **International Conference of Translational Molecular Imaging and Aero-Space Medicine & Physiology Showcase. 15-16 April 2016.**
11. H Abu Hassan, MS Suraini, **S Suppiah**, N Othman. Magnetic Resonance Imaging Pattern Recognition of Cardiac Siderosis in Paediatric Thalassaemia Patients. **International Conference of translational Molecular Imaging and Aero-Space Medicine & Physiology Showcase. 15-16 April 2016.**
12. Ezamin AR, **Suppiah S**, Abu Hassan H, Mohd Saini S, Norafida B, Ab Hamid S, Abd Rashid SN, Mahmud R. Angiographically Proven Hypothenar Hammer Syndrome In A School teacher. **International Conference of translational Molecular Imaging and Aero-Space Medicine & Physiology Showcase. 15-16 April 2016.**
13. **Suppiah S**, Mohad Ali N, Ahmad Saad FF, Nordin AJ. 18F-FDG PET/CT assessment of treatment response in Non-Small Cell Lung Cancer patients undergoing Epidermal Growth Factor Receptor inhibitor treatment: A single-centre experience. **International Conference of translational Molecular Imaging and Aero-Space Medicine & Physiology Showcase. 15-16 April 2016.**

**2017**

14. **Suppiah et al.** Mapping the brain functional network in young adults with smartphone addiction using fMRI. ASEAN Association of Radiology (AAR) 2017, Shangri-La Hotel, Kuala Lumpur (International)
15. **Suppiah et al.** Standardization of contrast-enhanced 18F-FDG PET/CT semi-quantitative measurements using the liver as a reference organ. ASEAN Association of Radiology (AAR) 2017, Shangri-La Hotel, Kuala Lumpur (International)

**2015**

1. **S Suppiah**, BJJ Abdullah. Spontaneous Haemopneumothorax Due To Cavitating Pulmonary Infarction -A Rare Condition Revisited, **International Journal of Public Health and Clinical Sciences**, 2015; 2(2):45-54, e-ISSN: 2289-7577. [Google Scholar] [Indexed in ISI, ISSN (electronic version): 2289-7577, Publisher: UPM Company].
2. Balakrishnan D, **Suppiah S**, Md. Sidek S, Noriah O. Primary Mediastinal Choriocarcinoma Masquerading As Lung Metastasis: A Rare Disease With A Fatal Outcome, **International Journal of Public Health and Clinical Sciences**, 2015; 2(6): 132 – 140, e-ISSN: 2289-7577. [Google Scholar] [Indexed in ISI, ISSN (electronic version): 2289-7577, Publisher: UPM Company].
3. A. Jalalian, S.Mashohor, R.Mahmud, M. I. Saripan, A.R.Ramli, N.Bahri, **S. A/P.Suppiah**, B.Karasfi. 3D Reconstruction for Volume of Interest in Computed Tomography Laser Mammography Images. **2015 IEEE Student Symposium in Biomedical Engineering & Sciences (ISSBES)**.
4. Ezamin AR, Norafida B, Hasyma AH, **Suppiah S**, Suraini MS. The Superior Mesenteric Artery Syndrome with Chronic Diarrhoea as Presentation. **International Journal of Public Health and Clinical Sciences**, 2015; 2(3):147-151. e-ISSN: 2289-7577 [Google Scholar]

**2016**

5. Abdul Rahim E , **Suppiah S**, Abu Hassan H, Mohd Saini S, Norafida B, Ab Hamid S, Abd Rashid SN, Mahmud R, Angiographically Proven Hypothenar Hammer Syndrome in a School Teacher, 2016; **International Journal of Public Health and Clinical Sciences** [Google Scholar] [Indexed in ISI, ISSN (electronic version): 2289-7577, Publisher: UPM Company].
6. **Suppiah S**, Ming Chow LR, Sazali NS, Abu Hassan H. Non-Alcoholic Fatty Liver Disease in Metabolic Syndrome Patients in Serdang Hospital: Quantification by Contrast-Enhanced Computed Tomography. **2016 Malaysian Journal of Medicine and Health Sciences** [Indexed in Scopus, ISSN (electronic version): 16758544, Publisher: Faculty of Medicine and Health Sciences].
7. **S Suppiah**, R Muridan. Gorham's disappearing bone disease: a rare cause of extensive bone destruction. **Malaysian Journal of Medicine and Health Sciences**, 2016; 12 (1): 59-62. [Indexed in Scopus, ISSN (electronic version): 16758544, Publisher: Faculty of Medicine and Health Sciences].

**2010**

8. K Rahmat; Y Faridah; K Jayaprasagam; **S Suppiah**, et al. Accuracy of choline detection in the assessment of breast lesions using single voxel proton H1 MR Spectroscopy at 3.0 Tesla, **Journal of Medical Imaging and Radiology Oncology**, **2010**; **54**:A124. ISSN: 1754-9477

**2012**

9. C.R Thambi Dorai, K. Hazlina, T. Saktia, P.L. Cheah, **S. Subapriya**, Jejunal stricture form compression by fallopian tube associated with autoamputation of an ovarian cyst: An unusual cause of neonatal intestinal obstruction, **Journal of Neonatal-Perinatal Medicine, JNPM**, **2012**; **5**(3)

**2013**

10. **Suppiah S**, K Rahmat, M N Mohd-Shah, C A Azlan, L K Tan, Y F A Aziz, A Vijayanathan, A L Wui, C H Yip. Improved diagnostic accuracy in differentiating malignant and benign lesions using single-voxel proton MRS of the breast at 3 T MRI. *Clinical Radiology*, **2013**; **68**(9):e502-510. DOI:10.1016/j.crad.2013.04.002 [MEDLINE] [Scopus] Impact Factor: 2.151

**2014**

11. **Suppiah S**, K Rahmat, F.I. Rozalli, C.A. Azlan. Re: Improved diagnostic accuracy in differentiating malignant and benign lesions using single-voxel proton MRS of the breast at 3 T MRI. A reply. *Clinical Radiology*, **2014**; **69**(2):e110–e111. <https://doi.org/10.1016/j.crad.2013.09.012> [MEDLINE] [Scopus] Impact Factor: 2.151
12. **Suppiah S**, Aziz YFA. Post-Traumatic Brachiocephalic Artery Pseudoaneurysm Causing Tracheal Compression and Successfully Treated Via Endovascular Approach. *International Journal of Public Health and Clinical Sciences*, 2014; 1(2):144-152 e-ISSN: 2289-7577. [Google Scholar] [Indexed in ISI, ISSN (electronic version): 2289-7577, Publisher: UPM Company].

13. Ezamin AR, AH Hasyima, **Subapriya S**, MS Suriani, A Arifaizad, Paisal Hussin, Nasir M Nizlan , SF Sidique, J Hariati (2016) Popliteal Artery to Tibial Plateau Distance at the Knee Level: A Radiological Study to Assess Injury Risks in Osteoarthritic Knees Using Dual Source Dual Energy CT Scan, *JST Pertanika*,2016; 25(1):371-377 [Scopus]
14. Kamal SH, Mohd Zabid AZ, **Suppiah S** and Abu Hassan H (2016) Characterization of adnexal masses using multidetector contrast enhanced CT scan – Aids to common pitfalls masquerading as ovarian cancer, *JST Pertanika* [Scopus]
15. Hasyima Abu Hassan, **Subapriya Suppiah**. Right Iliac Fossa Pain, *ANNALS Academy of Medicine Singapore*, 2016; 45(12):567-568. [Scopus]
16. **Suppiah S**, Nordin AJ, Ahmad Saad FF, Mohad Ali N (2016) 18F-FDG PET/CT assessment of treatment response in Non-Small Cell Lung Cancer patients undergoing Epidermal Growth Factor Receptor inhibitor treatment: A single-centre experience, *Malaysian Journal of Medicine and Health Sciences*[Indexed in SCOPUS, ISSN (electronic version): 16758544, Publisher:Faculty of Medicine and Health Sciences].
17. **Suppiah S**, Mohd Hazeman Z, Bahariah K, Norlijah O, Mohd Saini S, Ahmad Saad FF, Nordin AJ, Diagnostic Dilemma of Post-infective Systemic Arthritis Aided by Multimodality Imaging using MRI, CECT and 18F-FDG PET/CT scans, *Malaysian Journal of Medicine and Health Sciences*, 2017 [Indexed in SCOPUS, ISSN (electronic version): 16758544, Publisher: **Faculty of Medicine and Health Sciences**] – accepted
18. **Suppiah S**, Andi Anggeriana AA, Yahaya Z, Fathinul Fikri AS, Abu Hassan H, Mohtarrudin N, Chang WL, Mahmud R, Nordin AJ. Contrast-Enhanced 18F-FDG PET/CT in Preoperative Assessment of Suspicious Adnexal Masses and Proposed Diagnostic Imaging Algorithm: A single centre experience in Malaysia, *Malaysian Journal of Medicine and Health Sciences* [Scopus] 2017 – submitted
19. Chalermrat Kaewput, **Subapriya Suppiah**, Sobhan Vinjamuri. Correlation between standard uptake value (SUV) of 68Ga DOTA-NOC positron emission tomography/computed tomography (PET/CT) and pathological classification of neuroendocrine tumors, *World Journal of Nuclear Medicine* [PubMed] 2017- accepted
20. **Subapriya Suppiah**, Chang Wing Liong, Hasyima Abu Hassan, Charlemrat Kaewput, Andi Anggeriana Andi Asri, Fathinul Fikri Ahmad Saad, Abdul Jalil Nordin, Sobhan Vinjamuri. Systematic Review on The Accuracy of PET/CT and PET/MRI in The Management of Ovarian Cancer - Is functional information really needed? *World Journal of Nuclear Medicine* [PubMed] 2017- accepted
21. **Subapriya Suppiah**, Ching Siew Mooi, Abdul Jalil Nordin, Sobhan Vinjamuri. The Role of PET/CT Amyloid Imaging compared with Tc99m-HMPAO SPECT Imaging for Diagnosing Alzheimer's Disease. *Medical Journal of Malaysia* [PubMed] 2017 – submitted
22. Nur Hafizah Mohad Azmi, **Subapriya Suppiah**, Chang Wing Liong, Noramaliza Mohd Nor, Salmiah Md. Said, Muhammad Hafiz Hanafi, Chalermrat Kaewput, Fathinul Fikri Ahmad Saad, Sobhan Vinjamuri. Reliability Of Standardized Uptake Value Normalized To Lean Body Mass Using The Liver As A Reference Organ, In Contrast Enhanced 18F-FDG PET/CT Imaging. *Journal of Radiation Physics and Chemistry*,ISSN: 0969-806X, Impact Factor: 1.207 [ISI] [Scopus] 2017- submitted

23. Fathinul Fikri AA, <b>Suppiah S, et al.</b> Review Paper: Revisiting the Need for Normalization of Lean Body Mass for Standardized Uptake Value in PET/CT Imaging, Journal of International Medical Research ISSN: 14732300 Impact Factor: 1.431,– submitted
24. Ruziana, <b>Suppiah S, et al.</b> Incidental Detection of Bilateral Motor Cortex Control for Right Hand Movement. BMJ Case Reports 2017 (submitted)
25. Ruziana, <b>Suppiah S, et al.</b> Torus pallatinus: A rare Cause of Bony Protusion from the Hard Palate. BMJ Case Reports 2017 (submitted)
26. Lee Kai Wei, Ching Siew Mooi, Vasudevan Ramachandran, Sajesh K Veetil, Wan Aliaa Wan Sulaiman, Hoo Fankee, <b>Subapriya Suppiah</b> , Maliza Mawardi. Review Article: Epidemiology of Obesity and T2DM in Malaysia. 2017
27. <b>Suppiah et al.</b> Past, Present and Future of Diagnostic Imaging in the Management of Ovarian Cancer. Asia Pacific Journal of Cancer Prevention (submitted)
28. <b>Subapriya Suppiah</b> , Chalermrat Kaewput, Fathinul Fikri Ahmad Saad, HooFan Kee, Abdul Jalil Nordin, Sobhan Vinjamuri. Review of the Evolution of Structural and Functional Imaging in Dementia – The New Era Introducing PET/CT Amyloid Imaging. Indian Journal of Nuclear Medicine (submitted)
29. Nur Aimi Ngah, <b>Subapriya Suppiah</b> , Suraini Mohamad Saini, Siti Jusna @ Siti Sharifah Muhammad, Mohamad, Syafeeq Faez Mohd Noh, Suzana Abdul Hamid, Hisyam Salleh. A Rare Case Of Subglottic Ectopic Thyroid Tissue Causing Upper Airway Obstruction: Detection by CECT and MRI neck. JST, Pertanika (Scopus) (Accepted)

## RECOGNITION

### Invited Speaker

#### 2013

1. A combined MR contrast technique for visualizing white matter lesions and parenchymal veins using FLAIR\* Brain MRI sequence. Venue: Department of Imaging, Faculty of Medicine and Health Sciences UPM, CME 2013(24.4.3013) (Faculty level)

#### 2014

2. Invited speaker at X-Ray Training Course for Medical Practitioners (Kursus Latihan Sinar-X untuk Pengamal Perubatan) organized by Agensi Nuklear Malaysia, Ministry of Science, Technology and Innovation Malaysia (MOSTI) 17 - 22 Feb 2014. Lectures on upper limb and lower limb radiography. (National level)
3. The Role of Chest Physician in the evaluation and Management of Lung Cancer, PPDN CME; invited speech titled 'NSCLC with emerging resistance to EGFR inhibitors treatment: Can 18F-FDG PET/CT help?' 24.4.2014 (Faculty Level)

#### 2015

4. Invited speaker at X-Ray Training Course for Medical Practitioners (Kursus Latihan Sinar-X untuk Pengamal Perubatan) organized by Agensi Nuklear Malaysia, Ministry of Science, Technology and Innovation Malaysia (MOSTI), 23-24 April 2015. Lectures on upper limb and lower limb radiography. 23-24 April 2015. (National Level)
5. Updates in MRI: Special focus on functional MR imaging protocols. Venue: Knowledge Sharing Programme in Medical Imaging, Nuclear Imaging and

Veterinary Imaging, Faculty of Medicine and Health Sciences, UPM 2015 (National Level)

6. Interventional Fluoroscopy: reducing radiation risks for staff and patients'. Invited speaker at Seminar on Optimization of Ionizing Radiation in Medical Imaging, 2015 at Serdang Hospital (National Level)

## 2016

7. Invited speaker at Parallel Session Molecular Imaging Scientific Session. International Conference of Translational Molecular Imaging & Aero- Physiology Medicine Showcase (ICT-MiPS) 2016. Title: Functional MRI: Designing Paradigms for achieving a novel Paradigm Shift in Neuroradiology Research. (International)
8. Invited speaker at Faculty of Medicine and Health Sciences, UPM Continuous Medical Education (CME). Title: Identifying Amyloid Plaque Burden in Dementia: An 18F-Florbetapir Study. August 2016 (Faculty / University Level)
9. Invited speaker at Asia-Oceanic Society of Paediatric Radiology / Joint MCOR 2016 Annual Scientific Meeting 2016. Title: Molecular Imaging in Dementia - PET Amyloid Imaging vs. 99mTc-HMPAO SPECT (International)
10. 2<sup>nd</sup> Knowledge Sharing in Nuclear Medical Imaging Seminar & Basic Life Support. Organised by the Centre for Diagnostic Nuclear Imaging, UPM 2016. Invited talk Title: Radiation Protection to Patients, Public & Radiation Workers (National Level)
11. Optimization of Ionizing Radiation in Medical Imaging 2016, Organized by Department of Diagnostic Imaging, Serdang Hospital. Invited speaker, Title: (National Level)

## 2017

12. Invited speaker at Advances in Medicine (AIM) Conference, Universiti Putra Malaysia. Title: Revisiting CXR Interpretation. (National Level)
13. Invited speaker at Faculty of Medicine and Health Sciences, UPM Continuous Medical Education (CME). Title: Introduction to Stroke Neuroimaging. April 2017. (Faculty Level)
14. Invited speaker at Serdang Hospital Monthly Continuous Medical Education (CME). Title: PET/CT Amyloid Imaging for Detection of Alzheimer's Dementia. (National)
15. 18<sup>th</sup> Congress of the ASEAN of Radiology (ARR 2017) Title : PET-CT In Neurology – Going The Extra Miles With fMRI.(International)
16. Invited speaker at The 22<sup>nd</sup> Annual Scientific Meeting of the Malaysian Society of Paediatric Haematology & Oncology (MASPHO) 2017 Title: Feasibility of Early Post-Operative Functional imaging for Paediatric Brain Tumour. (National)

<b>Awards and Recognition</b>	
<b>Award Title</b>	<b>Level</b>
1. ESSO Excellent Student Award (Penuntut Cemerlang Esso-Port Dickson) awarded by ESSO/ Exxon Mobil (M) Bhd. 1994	District
2. Undergraduate Scholarship (Elective student attachment/Student exchange programme), awarded by University of Maastricht, The Netherlands. 2001	International
3. Federal Training Award by Civil Service Department, Malaysia [Hadiah Latihan Persekutuan-(HLP), Jabatan Perkhidmatan Awam (JPA)]. 2007	National
4. IAEA Fellowship in Nuclear Medicine at the Royal Liverpool and BoardGreen University Hospitals NHS Trust; Department of Nuclear Medicine, Liverpool, United Kingdom (Sponsor by International Atomic Energy Agency -IAEA) [Supervisor: Prof Dr. Sobhan Vinjamuri, Lead Consultant Nuclear Medicine Physician at the Royal Liverpool University Hospital, NHS Trusts, Liverpool, UK and President of the British Society of Nuclear Medicine.]	International
5. Best Oral Presentation Award in Scientific Session (2 <sup>nd</sup> Place - Silver), College of Radiology Malaysia, Annual Scientific Meeting, 2010	National
6. Travel Award for Foreign Presenter in Scientific Oral Presentation Session, Korean Congress of Radiology (KCR), Seoul, Korea 2011	International
7. Best Oral Presentation Award in Scientific Proffered Paper Nuclear Medicine Session (1 <sup>st</sup> Place), Hong Kong College of Radiologists (HKCR) Annual Scientific Meeting 2014.	International
8. Best Poster Presentation Award in Scientific Session -Undergraduate Category (1 <sup>st</sup> Place - Gold), Faculty Excellence Month 2015, Faculty of Medicine and Health Sciences, Universiti Putra Malaysia. 2015	Faculty/ University
9. Travel and training Award from IAEA 2015, RAS6079 Regional Training Course on Hybrid Imaging Technologies in Nuclear Oncology – Basic Concepts and Applications, Yangon, Myanmar	International
10. Excellent Staff Award (Anugerah Pekerja Cemerlang), Universiti Putra Malaysia, 2015.	University
11. Best Proffered Paper in Molecular Imaging Scientific Tract, The 1 <sup>st</sup> International Conference of Translational Molecular Imaging and Aero-Space Medicine & Physiology Showcase. (Gold)	International
12. L'Oreal-UNESCO Women in Science Fellowship Award 2017 (Malaysia) - Nominee	International

## COMMUNITY ENGAGEMENT AND INDUSTRIAL LINKAGES

<u>COMMUNITY ENGAGEMENT</u>	<u>LEVEL</u>
a) Committee Member Of State Level Selangor Diagnostic Imaging Update Seminar : Art & Science In Chest Radiology; Ministry Of Health Malaysia Collaboration With UPM (6.9.2014) (MEMBER)	<b>NATIONAL</b>
b) <b>Cancer Support Group Seminar:</b> (Majlis Ramah Mesra LFFC) , Co-Organised By UPM And Golden Horses Health Sanctuary Ltd. (29.4.2015) (MEMBER)	<b>NATIONAL</b>
c) Committee Member <b>Cancer Day Programme UPM/MAKNA 2014</b> – Providing Ultrasound Service For Cancer Screening To The Public (10.5.2014) (MEMBER)	<b>NATIONAL</b>
d) CME Updates In Molecular Imaging With Special Focus On SPECT/CT And Sharing Session in Molecular Imaging Career Pathway(MEMBER)	<b>UNIVERSITY</b>
e) Organiser for CME in collaboration with International Atomic Energy Agency, Titled: Basic Nuclear Medicine & Updates On Latest Imaging Techniques And Role Of 68-Gallium-Dotanoc In Management Of Neuroendocrine Tumours (PROJECT LEADER)	<b>INTERNATIONAL</b>
f) The 5 <sup>th</sup> Radiation Protection Course, collaboration of UPM with Serdang Hospital, Ministry of Health Malaysia. (Kursus Perlindungan Sinaran Kali ke-5, Hospital Serdang) (MEMBER)	<b>NATIONAL</b>
g) Workshop On Utility Of FSL For Interpretation Of fMRI Data (PROJECT LEADER)	<b>UNIVERSITY</b>



<p>h) Facilitator for tour/ visit to Centre for Diagnostic for Diagnostic Nuclear Imaging, UPM from participants of Ionizing Radiation In Medical Imaging Seminar (PROJECT LEADER)</p>	<p style="text-align: center;"><b>NATIONAL</b></p>
<p>i) Team member for Putra Bakti, UPM Mobile Clinic for Breast Cancer Screening (Klinik Bergerak Saringan Kanser Payudara) <b>Charity Ultrasound for Breast and Prostate Cancer Screening for Community at Precinct 12 Putrajaya Malaysia.</b> (MEMBER)</p>	<p style="text-align: center;"><b>NATIONAL</b></p>
<p>j) Team member for Putra Bakti, UPM Mobile Clinic for Breast Cancer Screening (Klinik Bergerak Saringan Kanser Payudara) <b>Charity Ultrasound for Breast and Prostate Cancer Screening at AIM 2016 Malaysia Event.</b> (MEMBER)</p>	<p style="text-align: center;"><b>NATIONAL</b></p>
<p>k) Collaboration of UPM with Ministry of Health, Malaysia - Conference Advances In Internal Medicine (AIM) 2017 (MEMBER)</p>	<p style="text-align: center;"><b>NATIONAL</b></p>
<p>l) Collaboration of UPM with Ministry of Science, Technology and Innovation, Malaysia (MOSTI) <b>X-Ray Training Course for Medical Practitioners</b> (Kursus Latihan Sinar-X Untuk Pengamal Perubatan) (23/04/2015 - 24/04/2015) (MEMBER)</p>	<p style="text-align: center;"><b>NATIONAL</b></p>
<p>m) Collaboration of UPM with Serdang, Hospital, Ministry of Health, Malaysia <b>Seminar On Optimization Of Ionizing Radiation In Medical Imaging 2015</b> (26/05/2015 - 26/05/2015) (MEMBER)</p>	<p style="text-align: center;"><b>NATIONAL</b></p>
<p>n) <b>Charity Ultrasound Screening for Breast and Prostate Cancer for Indigenous Malaysians in Carey Island.</b> Collaboration of UPM with Durex. <b>Durex Outreach Programme at</b></p>	<p style="text-align: center;"><b>NATIONAL</b></p>

<p><b>Carey Island, Malaysia.</b>          (Program Outreach Durex Di          Kampung Kepau Laut, Pulau          Carey) (25/10/2015)          (MEMBER)</p>	
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<b><u>INDUSTRIAL NETWORKING</u></b>	<b><u>LEVEL</u></b>
<p>a) Chairperson And Project Coordinator  <b>Radiology Open Day, Faculty Of          Medicine And Health Sciences, UPM</b>          (12.8.2015)- Invited Participation By          Hospital Kuala Lumpur And Hospital          Serdang, Ministry Of Health Malaysia          (participation and sponsorship by 6          industrial vendors)          (PROJECT LEADER)</p>	FACULTY/ UNIVERSITY
<p>b) Committee member for the development          of <b>National Guideline Consensus On          Ultrasound Abdomen Technique For          Non-Radiology ; Collaboration With          Ministry Of Health Malaysia</b>          (16.6.2015) (MEMBER)</p>	NATIONAL
<p>c) The Special AOSPR Congress 2016          (MEMBER)</p>	INTERNATIONAL
<p>d) Collaboration with hospitals from          Ministry of Health Malaysia <b>receiving          requests for clinical diagnostic imaging          service</b> (Pesakit Rujukan) 01/10/2016 -          01/12/2016 (PROJECT LEADER)</p>	NATIONAL
<p>e) Collaboration with hospitals from          Ministry of Health Malaysia <b>Receiving          requests for clinical diagnostic imaging          service</b> (Pesakit Rujukan) 01/10/2015 -          08/12/2015(MEMBER)</p>	NATIONAL
<p>f) Collaboration with hospitals from          Ministry of Health Malaysia <b>receiving          requests for clinical diagnostic imaging          service</b> (Pesakit Rujukan) 01/01/2016 -          31/03/2016 (MEMBER)</p>	NATIONAL
<p>g) <b>Industrial Sponsorship by SIEMENS          (M) for International Conference Of          Translational Molecular Imaging And          Aerospace Medicine &amp; Physiology          Showcase 2016</b> 15/04/2016 -          16/04/2016(MEMBER)</p>	NATIONAL
<p>h) <b>Collaboration of UPM with University          UTAR, Malaysia MRI service          investigation for 12 research subjects</b>          21/07/2016 - 01/09/2017 (MEMBER)</p>	NATIONAL
<p>i) <b>Industrial Sponsorship by GE (Health)          for National Seminar on Uroradiology</b></p>	NATIONAL

<b>Updates, Dorsett Putrajaya Hotel, Malaysia 06/08/2016 (MEMBER)</b>	
j) Sponsorship from Industry for <b>2nd Knowledge Sharing In Nuclear Medical Imaging Seminar &amp; Basic Life Support Workshop</b> 17/11/2016 - 18/11/2016 (MEMBER)	NATIONAL
k) European Network Training Grant Cross Disciplinary Research And Supervision Of International PhD Students 2016/2017	INTERNATIONAL
l) Collaboration of UPM with Ministry of Science, Technology and Innovation, Malaysia (MOSTI) <b>X-Ray Training Course for Medical Practitioners</b> 26/02/2015 - 27/02/2015	NATIONAL
m) ILHAM SCIENCE WORKSHOP Phase II (June 2017)	NATIONAL

## **LEADERSHIP AND CONTRIBUTIONS TO THE UNIVERSITY AND THE NATION**

### **ACADEMIC POSTS AND DUTIES**

- a) Senior Medical Lecturer, Faculty of Medicine , UPM
- b) Facilitator and invigilator (OSCE) Professional III examination Doctor of Medicine Programme UPM 2013 – 2015.
- c) Member of Conjoint Board Masters in Radiology Malaysia (NATIONAL)
- d) Masters in Radiology Professional I Examination 2017 (Observer)

### **NON ACADEMIC POSTS/ ADMINISTRATIVE WORK**

- a) Deputy Director at the Centre for Nuclear Diagnostic Imaging, UPM
- b) Chairperson for Research Committee, Centre for Diagnostic Nuclear Imaging, UPM.
- c) Chairperson for Quality Assurance and ISO documentation, Centre for Diagnostic Nuclear Imaging, UPM.
- d) Member of the Working Committee Task Force for Development of Universiti Putra Malaysia Teaching Hospital ('Hospital Pengajaran Universiti Putra Malaysia' – HPUPM)
- e) Member of Molecular Imaging Special Interest Group, College of Radiology, Academy of Medicine Malaysia
- f) Occasional representative at College of Radiology Malaysia Council Meeting (Molecular Imaging, Special Interest Group)
- g) Project Advisor for Knowledge Sharing in Clinical Practice and Basic Life Support ( 2015-2016)

## COMMITTEE/ SOCIETY MEMBERSHIPS

- h) Member of British Institute of Radiology 2016 - 2017
- i) Member of Molecular Imaging Special Interest Group, British Institute of Radiology
- j) Chairperson: Scientific Committee for International Conference of Translational Molecular Imaging & Aero- Physiology Medicine Showcase (ICT-MiPS) 2016
- k) Life Member: College of Radiology Malaysia
- l) Life Member: Academy of Medicine Malaysia
- m) International Member: Korean Society of Radiology (KSR)
- n) Ordinary Member: Academic Officers' Association (Persatuan Pegawai Akademik), UPM
- o) Committee member Committee Award Ceremony Faculty of Medicine and Health Sciences, UPM (Jawatankuasa Hadiah Fakulti Perubatan dan Sains Kesihatan) 2015
- p) Facilitator Structured Medical Internship Module (SMIM), Faculty of Medicine and Health Sciences (FMHS), UPM (2013 and 2014)
- q) Committee member for a non-governmental organization (NGO) society called Persatuan Transformasi Masyarakat dan Industri melalui Pendidikan dan Penyelidikan (PERMIPP).

## JOURNAL REVIEWER

1. **Nuclear Medicine Communications, UK Publisher**
  - i. Molecular imaging using PET and SPECT for identification of breast cancer subtypes.
  - ii. Analysis of Metastatic Involvement in Bone Using Anatomical and Functional Information from FDG PET/CT.
2. **Journal of Science and Technology (JST), Pertanika, UPM Press**
  - iii. Dose Optimization of 18F-Fluorodeoxyglucose for Whole Body PET Oncology Examination in CDNI of UPM.
  - iv. Potentials of 3'-fluoro-3' Deoxythymidine as a Cellular Proliferation Marker in PET Oncology Examination.
  - v. The association of FDG-PET (SUVmax) and inflammatory in predicting tumor aggressiveness.
  - vi. Botox Injections to the Face: A Mimic of Richter's Transformation
  - vii. Prenatal ultrasound affects rabbit bone strength
  - viii. P53 Protein Expression and Menarcheal Age as Risk Factor for Breast Cancer
3. **Malaysian Journal of Medicine & Health Sciences, UPM Press Publisher**
  - ix. Isolated Complete Popliteus Tendon Rupture Following A Trivial Occupational Injury
4. **Porto Biomedical Journal, Elsevier Publisher**
  - x. Prevalence and risk factors sonographically detected-non alcoholic fatty liver disease among Malaysian adults in Klang Valley, Malaysia: A prospective observational study.
5. **International Journal of Public Health and Clinical Sciences**
  - xi. Radiographic patterns of Neonatal Pneumonia.
6. **Journal of Biomedical Graphics and Computing**
  - xii. Role of image guided percutaneous ethanol ablation in malignant liver tumours

## **JOURNAL EDITOR**

7. Editorial Board Member - International Journal of Public Health and Clinical Sciences, e-ISSN : 2289-7577
8. Executive Editor for International Conference of Translational Molecular Imaging & Aero- Physiology Medicine Showcase (ICT-MiPS) 2016 – Guest Editor, special issue edition Journal of Science & Technology Pertanian, UPM Press, e-ISSN 2231-8526

## **COURSES ATTENDED**

1. The Tabar Course : Multimodality Detection and Diagnosis of Breast Diseases Course ; 4-6th November 2009 at Swiss Garden resort & Spa, Beserah, Kuantan, Malaysia (International)
2. 2nd Annual Asian MRI Course: Internal Derangements of Joints: Comprehensive and Intensive Course by Dr. Donald Resnick; 8 – 11 November, 2012 at Crowne Plaza Mutiara Hotel, Kuala Lumpur, Malaysia (International)
3. Part I PET/CT Training Course, Centre for Nuclear Diagnostic Imaging, UPM 2014 (National)
4. 4th Research Methodology Annual Basic Medical Statistics Course, UPM 8 – 11 April 2013
5. Basic Teaching Course (Kursus Asas Pengajaran), UPM 2/2013 from 4 – 11 July 2013
6. Good Clinical Practice Course at Grand Seasons Hotel , Kuala Lumpur; 18 – 20 September 2013
7. Development of Teaching Portfolio, Centre for Academic Development CaDE, UPM; 4th October 2014
8. Computed Tomography Laser Mammography (CTLM) Training for Research Purposes; Faculty of Computer Engineering, UPM 14 – 15 February 2014
9. National Nuclear Medicine Seminar; 27 – 29 August 2014, at M Suites Hotel, Johor Bahru, Malaysia
10. Specialized Topics in Areas of Radiologic Sciences (STAR Course) 2013, International Course in collaboration with College of Radiology Malaysia; 26 – 27 August 2013 at Sunway Putra Hotel, Kuala Lumpur (International)
11. Standardization of PET/CT Imaging Technique; 8.4.2014 at Auditorium Library, FMHS, UPM
12. State of the Art Multimodality PET, SPECT, CT and MR Imaging 23.9.2014, Auditorium Library, FMHS, UPM
13. Independent Component Analysis in Resting State fMRI, Society for Experimental Psychology, University of Oxford, United Kingdom of Great Britain (7 July 2016) (International)

## Referees

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