

## DR. MUHAMMAD HISHAR HASSAN



Centre for Diagnostic Nuclear Imaging (CDNI)

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### EDUCATION

**UNIVERSITI PUTRA MALAYSIA:** PhD in Molecular Imaging, 2019 – 2023 (Thesis accepted with Minor Revision)

**UNIVERSITI PUTRA MALAYSIA:** MSc in Molecular Imaging, 2013 – 2016 (Thesis accepted with Distinction)

**INTERNATIONAL ATOMIC ENERGY AGENCY (IAEA):** Fellowship Radiopharmaceutical Science, 2019, Westmead Hospital, New South Wales Australia

**MALAYSIAN ATOMIC ENERGY LICENSING BOARD:** Professional Certificate (Radiation Protection Officer), 2009

**UNIVERSITY OF WESTERN AUSTRALIA:** Professional Certificate (Unsealed Radioisotopes Handling), 2008

**SCGH, WA:** Preceptorship in Medical Cyclotron Management & PET Radiopharmaceuticals Production, 2008

**MONASH UNIVERSITY:** BSc (Biotechnology), 2004 – 2007

### PROFESSIONAL APPOINTMENTS / EMPLOYMENTS

- **Research Officer (Q52)**, CDNI, UPM (May 2021 – present)
- **Research Officer (Q48)**, CDNI, UPM (Oct 2018 – April 2021)
- **Research Officer (Q44)**, CDNI, UPM (Aug 2016 – Sep 2018)
- **Research Officer (Q41)**, CDNI, UPM (Apr 2012 – Jul 2016)
- **Project Coordinator** for IAEA TC Project MAL6023 (Dec 2017 – Dec 2022)
- **Committee Member** of UPM's Radiation Protection Committee (May 2016 – present)
- **PTJ Internal Auditor** (QMS) MS ISO 9001:2015 (July 2017 – present)
- **Editorial Board Member** of:-
  - i) SM Radiology Journal (February 2015 – present)
  - ii) Annals of Medicine and Medical Research (May 2018 – present)
- **Consultant**, BV Logistics Sdn. Bhd. (June 2014 – Jan 2015)
  - Consultation on transport of radioactive material, radiation protection program and provide advice to Board of Management on Act of 304
- **Radiation Protection Officer**, BV Logistics Sdn. Bhd. (May 2012 – May 2014)
  - Assisted new logistic company to acquire an A & D license from AELB for transportation of radioisotope ( $^{99m}\text{Tc}$  &  $^{131}\text{I}$ ) activity
- **Senior Science Officer & Radiation Protection Supervisor**, Bio Molecular Industries Sdn. Bhd. (Nov 2007 – March 2012)
  - Recruited as a pioneer staff and involved in the project worth of MYR 40 million from the facility set-up and commissioning until the acceptance of facility as GMP status by NPRA for a new cyclotron and PET radiopharmaceutical centre.

### PUBLICATIONS (JOURNAL /CHAPTER IN BOOK /PROCEEDING)

Summary (2012 – 2024)

- 27 manuscripts published in JCR & Scopus cited journals
- 1 manuscript published in non-cited journal
- 3 manuscripts published in conference proceedings
- 3 chapters in book
- 10 abstracts presented in national & international conferences

\*full manuscript / abstract will be provided upon request

### AWARDS & HONORS (UNIVERSITY/NATIONAL/INTERNATIONAL)

- IAEA Travel Grant for IPET 2024, Vienna – 2024, EUR 2,120
- Bronze medal, Pharm-IIDEx 2021
- Hadiah Latihan Persekutuan (HLP - scholarship) under Ministry of Higher Education – 2019 to 2022, MYR 55,000
- IAEA Fellowship at Westmead Hospital, Sydney, Australia – 2019, EUR 4,060
- Anugerah Perkhidmatan Cemerlang (APC) 2017
- IAEA Scientific Visit at AIIMS, India - 2016, USD 3,138
- IAEA Scientific Visit at San Raffaele Hospital & University of Milan Bicocca, Italy - 2014, USD 6,780
- COMSTech International Grant for workshop and meeting in Islamabad, Pakistan – 2013, USD 1,500
- UPM Non-Academic Grant for workshop and meeting in Islamabad, Pakistan – 2013, MYR 9,792
- International Conference Grant (Research Management University for EANM Congress 2015, UKRC 2014 & UKRC 2013 in United Kingdom), MYR 20,000
- Industrial Sponsorship (Germany) - 2015, MYR 15,000
- Top 20 in Research Poster Presentation - United Kingdom Radiological Congress 2013, Liverpool, UK
- Industrial Sponsorship for FAT in various locations in Belgium & Germany - 2008, MYR 30,000
- Preceptorship at Sir Charles Gairdner Hospital, Western Australia - 2008, MYR 10,000
- Malaysian Government Scholarship - MARA, Monash University Australia (Undergraduate Study), 2003 – 2007

### RESEARCH GRANTS

- Putra Grant Scheme, *Project Leader* (UPM), 2023 – 2025, MYR 40,000
- MyRA LPhD, *Co-researcher* (UiTM), 2021 – 2023, MYR 20,000
- Putra Grant Scheme, *Project Leader* (UPM), 2017 – 2021, MYR 40,000
- FRGS, *Co – researcher* (MOE), 2014 – 2016, MYR 105,000
- Putra Grant Scheme, *Project Leader* (UPM), 2013 - 2015, MYR 42,000
- RUGS, *Project Leader* (UPM), 2012 – 2014, MYR 30,000
- RUGS, *Co – researcher* (UPM), 2012 – 2014, MYR 30,000

### REFERENCES

- Prof. Dr. Fathinul Fikri Ahmad Saad  
Professor, Universiti Putra Malaysia  
Email: [fathinulfikri@upm.edu.my](mailto:fathinulfikri@upm.edu.my)
- Dr. Hairil Rashmizal Abdul Razak  
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