

CURRICULUM VITAE

Dr Marzuki Isahak, MBBS, MPH, DrPH

Dr Marzuki Isahak practices as Occupational Health Physician and Health Advisor for PETRONAS, a Malaysian based oil and gas company. He is registered as Public Health Physician with National Specialist Registry and Occupational Health Doctor. With 18 years of experience, he is currently the Honorary Secretary of the Academy of Occupational and Environmental Medicine Malaysia.

He was the Head of Department of Public Health and Occupational Safety, Health and Environment Unit for University Malaya Medical Centre (UMMC) and an Associate Professor in Occupational and Environmental Health in Department of Social and Preventive Medicine, Faculty of Medicine, University of Malaya. He has published 36 articles in refereed journals and presented many papers in international conferences.

Dr Marzuki is currently conducting research on psychosocial safety climate, occupational psychology, occupational cancer profiling, occupational carcinogen exposure, safety leadership and occupational diseases management.

ACADEMIC QUALIFICATION

Doctoral of Public Health (Occupational Health), University of Malaya (2013)

Master of Public Health, University of Malaya (2008)

Occupational Health Doctor Certificate, National Institute of Occupational Safety and Health (2007)

Medical Bachelor and Bachelor of Surgery (MBBS), University of Malaya (2003)

WORKING EXPERIENCE

2021 – now - Occupational Health Specialist and Health Advisor in Group Health, Safety and Environment, PETRONAS – providing health advise to a Malaysian based oil and gas company

2019-2021 - Associate Professor in Public and Occupational Health in Department of Social and Preventive Medicine, Faculty of Medicine, University of Malaya - Education, research and clinical service in Public Health and Occupational Health

2007 – 2019 - Senior Medical Lecturer, University of Malaya

2003 – 2007 - Medical Officer in Ministry of Health Malaysia – providing clinical medicine, public health, occupational health, epidemiology service and leadership in hospital and community setting

PROFESSIONAL DUTIES

Honorary Secretary, the Academy of Occupational and Environmental Medicine Malaysia

Deputy Chairman, Society of Occupational and Environmental Medicine – Malaysian Medical Association (2015 – 2018)

Life Member, Malaysian Medical Association (since 2010)

PUBLICATIONS

2021

Wan KS, Tok PSK, Yoga Ratnam KK, Aziz N, Isahak M, Ahmad Zaki R, et al. (2021). Implementation of a COVID-19 surveillance programme for healthcare workers in a teaching hospital in an upper-middle-income country. *PLoS ONE* 16(4): e0249394. <https://doi.org/10.1371/journal.pone.0249394> (WoS)

Mohd Ridzwan SF, Bhoo-Pathy N, Wee LH, Isahak M. Beliefs, Facilitating Factors, and Barriers in Using Personal Dosimeter among Medical Radiation Workers in a Middle-Income Asian Setting. *Annals of Work Exposures and Health*. 2021 May. DOI: 10.1093/annweh/wxab025. (WoS)

2020

Rama Krishna Supramanian, Marzuki Isahak and Noran Naqiah Hairi (2020). The Effective Strategies to Prevent Noise-Induced Hearing Loss: A Systematic Review. *ASM Sc. J.*, 13, Special Issue 5, 112-126 (SCOPUS)

Ely Zarina Samsudin, Marzuki Isahak, Sanjay Rampal, Ismail Rosnah, Mohd Idzwan Zakaria. (2020) Individual antecedents of workplace victimisation: The role of negative affect, personality and self-esteem in junior doctors' exposure to bullying at work. *Int J Health Plann Mgmt.* 18. DOI: 10.1002/hpm.2985 (WoS)

Chong DWQ, Jayaraj VJ, Rampal S, Said MA, Nik Farid ND, Ahmad Zaki R, Hairi NN, Hoe VCW, Isahak M, Ponnampalavanar S, Syed Omar SF, Sam IC, Hasnan N, Ong HC, Kamarulzaman A, Ng CW. Establishment of a hospital-based health care workers surveillance programme to keep them safe during the COVID-19 pandemic. *Journal of Global Health* 2020; 10: 1-3. doi: 10.7189/jogh.10.0203100 (WoS)

Susilowati IH, Nakatani H, Nugraha S, Pengpid S, Keawpan W, Hasiholan BP, Toai NP, Abdeali A, Isahak M, Kamso S. COVID-19 handling report for pre-case, case (pre-hospital and hospital), and post-case phases in the elderly as vulnerable populations in 6 Asia Pacific countries. *Glob Health Med.* 2020; 2(6):350-359. DOI: 10.35772/ghm.2020.01061 (WoS)

Wong L.P., Mohd Salim S.N., Alias H., Aghamohammadi N., Hoe V.C.W., Isahak M., Ali Mohd M. 2020. The Association Between E-Cigarette Use Behaviors and Saliva Cotinine Concentration Among Healthy E-Cigarette Users in Malaysia. *Journal of addictions nursing* (WoS)

2019

Meguellati Achour, Ilhaamie Abdul Ghani Azmi, Marzuki Isahak, Mohd Roslan Mohd Nor, Mohd Yakub Zulkifli Mohd Yusoff (2019) Job Stress and Nurses Well Being: Prayer and Age as Moderators. *Community Mental Health Journal* <https://doi.org/10.1007/s10597-019-00410-> (WoS)

Chee-Yuen Gan, Zafarina Zainuddin, Hayati Muhamad Noh, Rozaiha Rahmat, Fazilah Mohd Akir, Nur Hana Mahad, Nor Farhana Mohd Fazil, Ruslaini Nasir, Marzuki Isahak, Hasan Abu Samad. (2019). Profiling of morphine and codeine in urine after the ingestion of curry containing poppy seed as an evidence for opiates defence in Malaysia. *Forensic Science International*, Volume 302, 109865, <https://doi.org/10.1016/j.forsciint.2019.06.023>. (WoS)

Mohd Ridzwan, S.F., Bhoo-Pathy, N., Isahak, M., Wee, L.H. (2019) Perceptions on radio-protective garment usage and underlying reasons for non-adherence among medical radiation workers from public hospitals in a middle-income Asian setting: A qualitative exploration. *Heliyon* 5, e024782 (WoS)

Ely Zarina Samsudin, Marzuki Isahak, Sanjay Rampal, Ismail Rosnah, Mohd Idzwan Zakaria (2019) Organisational antecedents of workplace victimisation: The role of organisational climate, culture, leadership, support, and justice in predicting junior doctors' exposure to bullying at work. *Int J Health Plann Mgmt.* 1 22. <https://doi.org/10.1002/hpm.2926> (WoS)

2018

Samsudin, E. Z., Isahak, M., & Rampal, S. (2018). The prevalence, risk factors and outcomes of workplace bullying among junior doctors: a systematic review. *European Journal of Work and Organizational Psychology*, 27(6):700-718. (WoS)

Hafiz Jaafar, Nurain Amirah Razi, Amirah Azzeri, Marzuki Isahak, Maznah Dahlui. (2018) A systematic Review of Financial Implications of Air Pollution on Health in Asia. *Environmental Science and Pollution Research* (2018) 25:30009 30020 (WoS)

Hendra Hendra, Eva Nirwana, Marzuki Isahak (2018). Work-Related Skin Diseases among Workers in the Sewing Section at PT. X Shoe Company in West Java. *Kesmas National Public Health Journal*, 13(2), 60-64. (SCOPUS)

May Young Loh, Mohd Awang Idris, Maureen F. Dollard, Marzuki Isahak (2018) PSC as a Moderator of the Moderators: Contextualising JDR Models and Emotional Demands Effects. *Journal of Occupational and Organizational Psychology*, DOI: 10.1111/joop.12211 (WoS)

2017

Low, W., Isahak, M., Tong, W., Ratanasiripong, P., & Kaewboonchoo, O. (2017). Conducting a multinational research on the quality of life and occupational health and safety of small and medium enterprise workers in developing countries in Asia. *SAGE Research Methods Cases*. doi:10.4135/9781526424891

H Jaafar, A Azzeri, Marzuki Isahak, Maznah Dahlui. (2017) Systematic Review On Economic Impact Of Air Pollution On Health. *Value in Health*, 20(9), A642 (WoS)

Isahak, M., Loh, M. Y., Susilowati, I. H., Kaewboonchoo, O., Harncharoen, K., Mohd Amin, N., Toai, N.P., Low, W.Y., Ratanasiripong, P. (2017). The Association of Workplace Exposures on Quality of Life in Small and Medium Enterprises Workers. *Asia Pacific Journal of Public Health*, doi: 10.1177/1010539517699060 (WoS)

2016

W. A. Al Madhoun, R. M. Mokat, Z. H. Abu Hein, M. Isahak. Assessment of Carbon Dioxide Emissions from Traffic and Its Health Impact in Gaza, Palestine. *Public Health Research*, Vol. 6 No. 1, 2016, pp. 18-23. (WoS)

Kaewboonchoo O, Isahak M, Susilowati I, Toai NP, Morioka I, Harncharoen K, Low WY, Ratanasiripong P. (2016). Work Ability and Its Related Factors Among Workers in Small and Medium Enterprises: Comparison Among Four ASEAN Countries. *Asia Pac J Public Health*. 28(5), 438 449. (WoS)

Ratanasiripong, P., Kaewboonchoo, O., Bell, E., Haigh, C., Susilowati, I., Isahak, M., Harncharoen, K., Nguyen, T. & Low, W.Y. 2016. Depression, anxiety and stress among small and medium enterprise

workers in Indonesia, Malaysia, Thailand, and Vietnam. *International Journal Of Occupational Health and Public Health Nursing* 3(2): 13-29 (WoS)

Harncharoen, K. Isahak, M. Kaewboonchoo, O. Low, W.Y. Ratanasiripong, P. (2016) Workplace Environment and Quality of Life of SME Workers: A Systematic Review. *Asia J Public Health*, 7(2): 64-81

2014

Anselm Ting Su, Setsuo Maeda, Jin Fukumoto, Nobuyuki Miyai, Marzuki Isahak, Atsushi Yoshioka, Ryuichi Nakajima, Awang Bulgiba, Kazuhisa Miyashita. (2014). A Cross Sectional Study on Hand-arm Vibration Syndrome among a Group of Tree Fellers in a Tropical Environment. *Industrial Health*, 52, 367-376 (WoS)

Hosseini F, Adha N, Zainol R, Isahak M, Nemati N. (2014). Neighborhood-Level Stress and Circadian Cortisol: A Systematic Review and Meta-Analysis. *Iranian Journal of Public Health*, 43(10), 1324-1334. (WoS)

2013

Siti Munira Yasin, Masilamani Retneswari, Foong Ming Moy, Khairul Mizan Taib, Marzuki Isahak, David Koh. Testing the Transtheoretical Model in Predicting Smoking Relapse among Malaysian Adult Smokers Receiving Assistance in Quitting. *Asian Pacific journal of cancer prevention*. 01/2013; 14(4):2317-2323. (WoS)

Su AT, Maeda S, Fukumoto J, et al. Dose response relationship between hand-transmitted vibration and hand- arm vibration syndrome in a tropical environment. *Occup Environ Med*,2013;70:498-504 (WoS/SCOPUS)

Masilamani R, Bulgiba A, Chinna K, Darus A, Isahak M, Kandiben S, Koh D. Prevalence and associated factors of stress in the Malaysian Police Force. *Prev Med*. 57 (2013); S57-S59. (WoS)

Su, A. T., Maeda, S., Fukumoto, J., Darus, A., Hoe, V. C. W., Miyai, N., Isahak, M., Takemura, S., Bulgiba, A., Yoshimasu, K., Miyashita, K. 2013. Dose-response relationship between hand-transmitted vibration and hand-arm vibration syndrome in a tropical environment *Occupational and Environmental Medicine* Tier 1 Impact Factor = 3.215 (WoS)

Su, A. T., Fukumoto, J., Darus, A., Hoe, V. C. W., Miyai, N., Isahak, M., Takemura, S., Bulgiba, A., Yoshimasu, K., Maeda, S., Miyashita, K. 2013. A Comparison of Hand-arm Vibration Syndrome between

Malaysian and Japanese Workers Journal of Occupational Health Tier 2 Impact Factor = 1.634
(WoS)

Anselm Ting Su, Jin Fukumoto, Azlan Darus, Victor CW Hoe, Nobuyuki Miyai, Marzuki Isahak, Shigeki Takemura, Awang Bulgiba, Kouichi Yoshimasu, Setsuo Maeda and Kazuhisa Miyashita. 2013. A Comparison of Hand-arm Vibration Syndrome between Malaysian and Japanese Workers. *J Occup Health* 2013; 55: 468-477. (WoS)

2012

Loo, C., V; Azmi, Noor M. A.; Isahak, M. 2012. A randomised controlled trial using vitamin K as adjuvant treatment for benign causes of menorrhagia. *Bjog-an International Journal of Obstetrics and Gynaecology*. 119: 228 (WoS)

Loo, C., V; Azmi, Noor M. A.; Isahak, M.; et al. 2012. A randomised controlled trial: cord traction with uterine massage versus cord traction alone as methods of placental removal during caesarean section. *Bjog-an International Journal of Obstetrics and Gynaecology*. 119: 49 (WoS)

S M Yasin, F M Moy, M Retneswari, M Isahak, D Koh. 2012. Timing and risk factors associated with relapse among smokers attempting to quit in Malaysia. *Int. J. Tuberc. Lung Dis*. 16:980-85. (WoS)

Mokhtar NM, Thevarajah M, Noorazmi MA, Isahak M. Human epididymis protein 4 reference intervals in a multiethnic asian women population. *Asian Pac J Cancer Prev*. 2012;13(12):6391-5. (WoS)

2011

Yasin SM, Retneswari M, Moy FM, Marzuki I, Koh D. 2011. Smokers can quit regardless of motivation in a worksite smoking cessation programme. *Asia Pacific Journal of Cancer Prevention*, 12(8):1-5 (WoS)

2001

Chong-Kin Liam, Goh CT, Marzuki I, Lim KH, Wong CMM. 2001. Relationship between Symptoms and Objective Measures of Airway Obstruction in Asthmatic Patients. *Asian Pacific Journal of Allergy and Immunology* 19: 79-83 (WoS)