

## 2021 IUPAP Young Scientist Award in Medical Physics



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*“For the production and first use of  $^{153}\text{SmCl}_3$ -ion exchange resin capsule formulation for assessing gastrointestinal motility”*

**Dr. Chai Hong Yeong** is a medical physicist, a certified Radiation Protection Officer and an Associate Professor at the Taylor’s University, Malaysia. She is one of the few medical physicists in Malaysia who completed the IAEA Clinical Training of Medical Physicists Specialising in Diagnostic Radiology (DRMP). Dr. Yeong is currently chairing the Professional Relations Committee of the Asia-Oceania Federation of Organizations for Medical Physics (AFOMP) 2019-2021. She is also the elected Vice President of the South-East Asia Federation of Organizations for Medical Physics (SEAFOMP) 2019-2021 and Vice President of the Malaysian Association of Medical Physics (MAMP). She is one of the Founding Members of the ASEAN College of Medical Physics (ACOMP), 2014. She has been awarded the SEAFOMP Young Leader Awards in 2017, and Taylor’s University’s President’s Award (Research and Innovation) in 2019. Dr. Yeong is currently leading the Non-Communicable Diseases Cluster at Taylor’s University. Her research areas focus on theranostics, minimally invasive cancer therapies, pharmacoscintigraphy, 3D printing in medicine, radiomics as well as radiation protection and optimization. Her research have won several local and international awards including the Certificate of Merit awarded by the European Society of Radiology in 2012, and her work has been reported in AuntMinnie.com, the world’s most comprehensive community site for radiologists and related professionals. She currently owns four patents derived from her research. Dr. Yeong has published more than 70 peer-reviewed journal articles, 2 academic books and 2 book chapters. She has been regularly invited to talk at local and international conferences. She also serves as a reviewer for several international renowned journals.