

CV for Mohd Nizam Mordi (ICNP 2018)

Mohd Nizam Mordi is currently a Professor in Medicinal Chemistry and also a Deputy Director at Centre for Drug Research, Universiti Sains Malaysia, Pulau Pinang, Malaysia. He received his Ph.D. in 2001 from Manchester University, England, in the area of Medicinal Chemistry. His group is active in the area of drug discovery and development. Their research interest involves the discovery of novel compounds for anti-cancers, anti-malaria, as well as compounds with analgesics property. Currently, CDR has been appointed as one of a Higher Institution Centres of Excellence (HiCOE) by Higher Education Ministry of Malaysia focusing in the area of addiction study. Thus Prof's Nizam group has been entrusted in the discovery of novel compounds that can be used in the treatment of addiction. They use computer aided drug design techniques to discover new biologically active molecules. Following rigorous validation process, these molecules will be synthesized, characterised and tested for their bioactivity. Pharmacological screening starts with *in vitro* model and selected compounds will be tested further using *in vivo* animal model. Currently, CDR has facility for zebrafish and rodent animal study. His scholarly papers have been published in many peer reviewed international journals. He also proudly holds a number of patents.