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Biography

Mohd Basyaruddin Abdul Rahman is currently the Senior Professor of Chemistry and Dean, Faculty of Science, Universiti Putra Malaysia (UPM). He received his Ph.D in Catalysis Chemistry (University of Southampton) and post-doctoral in structural biology (University of Edinburgh). He was appointed as Distinguished Visiting Scholar at the University of California, Berkeley. His research areas include biocatalysis, chemical biology and computational chemistry. His interests encompass broad areas from single atom to complex biomacromolecules and bioinspired materials. Currently, he focus on aerosol nanoemulsion and reticular materials for nanodelivery in medicine (pulmonary delivery of anticancer drugs for treating lung cancer) and agriculture (nanodelivery of fungicides for treating the fungal infections in plantation) applications. The nanoformulation works were also being supported by theoretical and molecular simulation studies.

He has published more than 200 papers, filed more than 30 patents and graduated more than 100 postgraduate students. He is the Fellow of Royal Society of Chemistry (UK), International Institute of Advanced Materials (Sweden) and Academy of Sciences Malaysia and the President, Malaysian Analytical Sciences Association. He has been received the Young Scientist award from various bodies including IUPAC, the American Chemical Society, and the InterAcademy Panel. He also won the National Intellectual Property Award 2009 and was named the most Outstanding Young Malaysian 2008 and Faces of Science@Malaysia. He also actively participates in professional academic trainings and STEM outreach activities.