

**NOR AZAH YUSOF****Ph.D. (Universiti Kebangsaan Malaysia)**

PROFESSOR DR.

Department of Chemistry

Faculty of Science

Tel-Office: 03 89466782

Fax: 03 89435380

azahy@upm.edu.my

**EXPERTISE:**

Nanomaterials, Chemical and biosensor technology

Nor Azah Yusof, who was born on October 24, 1973 is a leading young academics at the University Putra Malaysia. She is known for its impressive achievements in various academic branches. She began her career as a research assistant at the Universiti Kebangsaan Malaysia and offered to participate as a lecturer in Universiti Putra Malaysia in 2002 after completing her PhD. Her research has resulted in more than 200 journal articles and 63 conference articles. Of this amount, 75% was as a main author and communicator. 60% of the journals are in the Q1 and Q2. Her articles have been cited 2000 times by international researchers, including leading researchers in her field. Her expertise in the field of sensor allows her to be elected as the auditor of articles by various international journals. She has 10 national and international patents. The result of her achievements, she was appointed a professor at the age of 39 years. She is also the recipient of research grants in total of almost MYR 10 million of funding from various national sources and abroad. She has guided 40 graduate students. Some of her students are now serving as academics and researchers in research institutions, universities and industry. She has been awarded as Top Research Scientist Malaysia (TRSM) for 2012 and received Outstanding Researcher Award (Anugerah Penyelidik Cemerlang) for 2017.

She started working on optical chemical sensor for toxic metal detection. She further developed her expertise on electrochemical based biosensor. She has been working on DNA based biosensor and protein based biosensor for 10 years. Further information can be obtained from our group website [www.upmbiosensor.com](http://www.upmbiosensor.com). She wishes to further develop her electrochemical reader and biochip that she has started working on for 5 years into a prototype and later be commercialized. She is seeking partner to together develop the technology into a suitable kit and further commercialized the diagnostic kit for home use.

**CURRENT RESEARCH INTERESTS:**

She started working on optical chemical sensors for toxic metal detection. She further developed her expertise on electrochemical based biosensors.

She has been working on DNA based biosensors and protein based biosensors for 5 years. Further information can be obtained from our group website [www.upmbiosensor.com](http://www.upmbiosensor.com). She wishes to further develop her electrochemical reader and biochip that she has started working on for 5 years into a prototype and subsequent commercialization. She is seeking partners to develop together the technology into a suitable kit and fto urther commercialize the diagnostic kit for home use.

She is also working on molecular imprinted polymers and is currently working with some industrial partners to devel-op sorbents to remove contaminants from water.

**LINK TO POSTGRADUATE FIELD OF STUDY:**

Analytical Chemistry, Material Chemistry, Sensor Technology

**ADDITIONAL INFORMATION:**<https://orcid.org/0000-0002-1400-5764><https://www.scopus.com/authid/detail.uri?authorId=57187020900><https://scholar.google.com/citations?user=MmRd9OsAAAAJ><http://www.upmbiosensor.com/>