



USM UNIVERSITI  
SAINS  
MALAYSIA



**Molecular Diagnostics  
& Biomarker Discovery**  
Conference and Exhibition

MDBD | 3-4 October 2024 | Advancing Medical Health Technology | mdbd@usm.my

### **SPEAKER'S BIOGRAPHY**

**NAME:** Nor Azah Yusof

**POSITION & AFFILIATION:**

Professor In Analytical Chemistry,  
Chemistry Department, Faculty Of Science,  
Universiti Putra Malaysia

**EMAIL ADDRESS:** azahy@upm.edu.my



**TITLE OF TALK:** Enhancement of Biosensors through Biomarkers, Sampling And Design

### **PROFESSIONAL EXPERIENCE**

VISITING RESEARCHER IN INSTITUTE OF BIOTECHNOLOGY, CAMBRIDGE UNIVERSITY, UK (2008). DNA BASED BIOSENSOR.

VISITING RESEARCHER IN MAZUMDAR-SHAW ADVANCED RESEARCH CENTER, UNIVERSITY OF GLASGOW, UK (2023). LOW COST DIAGNOSTIC AND SYNTHETIC BIOLOGY.

VISITING RESEARCHER IN DEPARTMENT OF MOLECULAR BIOLOGY AND GENETICS, BARTIN UNIVERSITY, TURKEY (2024). SYNTHETIC BIOLOGY.

### **AWARDS AND RECOGNITION**

NOR AZAH YUSOF has been recognized for his/her/their work in a number of ways. She has received the following awards:

- ANUGERAH FELLOWSHIP NAIB CANSELOR (PENYELIDIKAN DAN INOVASI 2017)
- Top Research Scientist Malaysia (TRSM) – 2013
- Top 2% Penyelidik 2020-2023 by Stanford University



## RESEARCH INTEREST

Nor Azah Yusof, who was born on 24 October 1973, is a leading academic at Universiti Putra Malaysia. She obtained a Doctorate in Analytical Chemistry from Universiti Kebangsaan Malaysia in 2002. Her research has resulted in more than 250 journal articles. Her articles have been cited 7000 times by local and international researchers. She has 10 national and international patents. She is also a recipient of research grants amounting to almost MYR 10 million in funding from various national and foreign sources. She received a Newton Fund grant in 2015 and has partnered with the University of Anglia Ruskin, UK for the 'Mobile based TB detection' project. She has been working on DNA -based biosensors and protein -based biosensors for more than 15 years. She is founder of spin off companies ImprintSorb Technology Sdn Bhd and NAY Biosensors Sdn Bhd. She is currently working closely with I-Deria Sdn Bhd on commercialisation of Air Quality E-Nose Sensors and MetaBiosciences Sdn Bhd for TB lateral flow test kit.