

# Sweden Malaysia Symposium 2019

**Date:** 10-11 July 2019

**Venue:** Vadstena Klosterhotell, Lasarettsgatan 5, 592 30 Vadstena

## Day 1 - Program

10:30-10:45 Arriving Klosterhotell and check-in

10:45-12:00 Welcome Fika, opening and introduction of participants

12:00-13:30 Lunch

13.30-13:45 Introduction on research activities at IIUM

(Anis Nordin, International Islamic University Malaysia - Malaysia)

13:45-14:15 Advanced design and fabrication of PoC biosensors

(Martin Wing Cheung Mak, IFM, Linköping University - Sweden)

14:15-14:35 Blockchain - Rapid diagnostic tests for vector borne disease control

(Nabilah Ramli, International Islamic University Malaysia - Malaysia)

14:35-14:55 Oxygen reduction by homogenous biocatalysts and bioelectrocatalysts

(Alina Sekretareva, Uppsala University - Sweden)

14:55-15:15 Mimochromes: potential applications of miniaturized heme protein models for sensing

(Gerardo Zambrano, University of Napoli "Federico II - Italy)

15:15-15:30 Fika break

15:30-15:50 Interfacing with skin using bioelectronics

(Onur Parlak, Karolinska Institute - Sweden)

15:50-16:10 Brief guidelines on animal studies for implanted/wearable biosensors

(Queenie Kwan Yee Cheung, IKE, Linköping University - Sweden)

- 16:10-16:30 Engineering solutions for 3D bioprinting of microtissues  
(Soon Chin Fhong, Universiti Tun Hussein Onn Malaysia - Malaysia)
- 16:30-16:50 Non-enzymatic glucose sensor based on carbon-metal NPs composites  
(Kiattisak Promsuwan, Prince of Songkla University - Thailand)
- 17:00-18:30 City walk at Vadstena
- 19:00-20:30 Dinner

## **Day 2 - Program**

- 9:00-9:30 Integrated electrochemical-quartz crystal microbalance sensor for dengue detection (VR Sweden-Malaysia joint project)  
(Anis Nordin, International Islamic University Malaysia - Malaysia)
- 9:30-9:45 Demonstration of the dengue sensor prototype  
(Anis Nordin and Martin Wing Cheung Mak)
- 9:45-11:00 Group work to explore future collaboration
- 11:00-11:15 Fika break
- 11:15-11:50 Presentation of the group work idea
- 11:50-12:00 Summary of the group work
- 12:00-13:30 Lunch
- 14:00 Closing of the symposium