

Mammalian Antibody Expression System

8th November 2018 | INFORMMM Health Campus, Kelantan

Course Description

This workshop is designed for students, researchers and other industrial partners who are interested in the generation of mammalian antibodies. The workshop will focus on the following:

- Generation of vectors for mammalian expression systems
- Type of expression systems
- The use of suspension cells for improved antibody expression

The programme will feature a half-day introduction to the subjects mentioned above and a half-day hands-on experience on the generation of a recombinant antibody utilizing suspended mammalian cells instead of the usual adherent cells.

Speakers and Trainers

Dr. Tye Gee Jun
INFORMMM, USM

Research Interest :

Dr. Tye is interested in the generation of new methods in the field of immunotherapy. He has worked on several vaccination projects which included generation of a new adjuvant which would help increase T-cell activity. He has also been working on generation of TCR-like antibodies which are capable of immune surveillance similar to that of a T-cell but has the immunological capacity of an antibody. He is currently working on generating full format human antibodies which would be capable of immunotherapy and immunodiagnostics against several infectious diseases.

Registration

Dateline : 31st October 2018

Fees
RM250.00

Seat Limit
20 Participants

Contacts

Registration and Enquiries
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Registration

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Click to Register

This seminar is organised by the Institute for Research in Molecular Medicine (INFORMMM), Universiti Sains Malaysia with the support from Ministry of Education Malaysia under the HICoE program.

Workshop Name : Mammalian Antibody Expression System

Time	Programme
08:00 – 09:00 am	Registration and Breakfast
09:00 – 10:00 am	Introduction to mammalian antibody expression systems
10:00 – 10:45 am	Introduction to recombinant antibody for diagnostics and therapeutics
10:45 – 11:00 am	Tea Break
11:00 – 12:30 pm	Introduction to suspended mammalian cells for Improved Antibody Expression
12:30 – 14:00 pm	Lunch
14:00 – 15:45 pm	Hands-on transfection of suspended mammalian cells with one of our mammalian antibody vector
15:45 – 16:00 pm	Tea Break
16:00 – 17:30 pm	Hands-on Antibody Purification harvested from mammalian cells
17:30 – 17:45 pm	Certificate presentation ceremony and closing of workshop

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