

Schedule for the Online Training Programme:

“Phage Display Biotechnology”

Session	Event (SUT e-courseware)	Speaker	Note
Day 1: Monday - 21 August 2023			
Morning	Welcome Introducing teaching staffs and technical staffs (Live) Lecture*: Overview of Phage display technology	Prof. Dr. Montarop Yamabhai	Links to the online course will be announced later
Afternoon	Lab demonstration: Phage display peptide library biopanning - Biopanning first round - Phage amplification - Biopanning 2 nd and 3 rd round - Isolation of affinity-selected phage clones	Dr. Kuntalee Rangnoi/Ms. Sabita Prajapati	Links to the online course will be announced later
Day 2: Tuesday - 22 August 2023			
Morning	Lecture*: Principles and applications of phage display	Prof. Dr. Montarop Yamabhai	Links to the online course will be announced later
Afternoon	Q&A (Live)	All	
Day 3: Wednesday - 23 August 2023			
Morning	Lecture*: How phage display biotechnology can support sufficiency economy philosophy (SEP)	Prof. Dr. Montarop Yamabhai	Links to the online course will be announced later
Afternoon	Video demonstration protocol Phage display antibody library biopanning - Biopanning first round - Phage amplification and helper phage infection - Phage Precipitation - Biopanning 2 nd and 3 rd round - Monoclonal phage rescue	Dr. Kuntalee Rangnoi/Ms. Sabita Prajapati	Links to the online course will be announced later
Day 4: Thursday - 24 August 2023			
Morning	Lecture*: Phage display expression vectors	Prof. Dr. Montarop Yamabhai	Links to the online course will be announced later
Afternoon	Q&A (Live)	All	
Day 5: Friday - 27 August 2023			
Morning	Lecture*: Library construction: Peptide library construction	Prof. Dr. Montarop Yamabhai	Links to the online course will be announced later

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Day 5: Friday - 27 August 2023			
Afternoon	Video demonstration protocol: Phage ELISA	Dr. Kuntalee Rangnoi/Ms. Sabita Prajapati	Links to the online course will be announced later
Day 6: Monday - 28 August 2023			
Morning	Lecture*: Library construction: Antibody library construction	Prof. Dr. Montarop Yamabhai	Links to the online course will be announced later
Afternoon	Q&A (Live)	All	
Day 7: Tuesday - 29 August 2023			
Morning	Lecture*: Applications of Phage Display of Peptide Library	Prof. Dr. Montarop Yamabhai	Links to the online course will be announced later
Afternoon	Video demonstration protocol: Cell Biopanning	Ms. Polina Istomina	Links to the online course will be announced later
Day 8: Wednesday - 30 August 2023			
Morning	Lecture*: Applications of Phage Display Antibody Library	Prof. Dr. Montarop Yamabhai	Links to the online course will be announced later
Afternoon	Q&A (Live)	All	
Day 9: Thursday - 31 August 2023			
Morning	Lecture*: MY Lab Phage Display Biotechnology Research	Prof. Dr. Montarop Yamabhai	Links to the online course will be announced later
Afternoon	Video demonstration protocol: DNA Sequence Analysis	Dr. Kuntalee Rangnoi (Dr. Thae Thae Min)	Links to the online course will be announced later
Day 10: Friday - 1 September 2023			
Morning	Lecture*: Advanced Techniques in Phage Display Biotechnology	Prof. Dr. Montarop Yamabhai	Links to the online course will be announced later
Afternoon	Q&A (Live)	All	
CLOSING REMARKS			

*Pre-test and Post-test will be held.