

PROGRAMME

WEEK ONE:

Wednesday, 14 March 2018

Venue

8:30 – 9:00	Welcome and Introduction to the Course Course Directors	HRI-S7
9:00 – 12:00	Students' self-presentations	HRI-S7
12:00 – 13:00	Lunch	
13:00 – 14:00	W1: Introduction to the Practical Sessions Sumana Sanyal HKU – Pasteur Research Pole, Hong Kong SAR Rakesh Sharma The University of Hong Kong, Hong Kong SAR	HRI-S7
14:00 – 14:30	Break	
14:30 – 19:00	W1: Practical workshop Part A: SILAC-labeling of HeLa cells producing virus-like particles of dengue or Zika virus	HRI-S7
19:00 –	Welcome Reception	HRI-7FI

Thursday, 15 March 2018

8:30 – 10:30	L1: New mass spectrometric techniques Zhongping Yao The Hong Kong Polytechnic University, Hong Kong SAR	HRI-S7
10:30 – 11:00	Break	
11:00 – 13:00	L2: Chemoproteomics for ubiquitin and protease biology Benedikt Kessler University of Oxford, UK	HRI-S7
13:00 – 14:00	Lunch	
14:00 – 16:00	L3: Role of ubiquitin-like proteins in host-pathogen interactions Liliana Radoshevich Institut Pasteur, France	HRI-S7
16:00 – 16:30	Break	
16:30 – 19:00	W2: Practical workshop <i>Introduction to software analysis</i>	

Friday, 16 March 2018

8:30 – 10:30	L4: Quantitating proteome dynamics in primary T lymphocytes Oreste Acuto University of Oxford, UK	HRI-S2
10:30 – 11:00	Break	
11:00 – 13:00	L5: Proteomic approaches to understand ER quality control and organelle biogenesis Pedro Carvalho University of Oxford, UK	HRI-S2
13:00 – 14:00	Lunch	
14:00 – 16:00	L6: Applications of proteomics to biomarker discovery for disease diagnoses and prognoses Terence Chuen-Wai Poon University of Macau, Macau	HRI-S7
16:00 – 16:30	Break	
16:30 – 19:00	W3: Practical workshop <i>Introduction to software analysis</i>	

Saturday, 17 March 2018

10:00 –	W4: Practical workshop Part B: <i>Enrichment of phosphorylated peptides on TiO₂ beads</i>	
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WEEK TWO:

Monday, 19 March 2018

9:00 – 11:00	L7: Cancer secretome and tumor progression Sara Zanivan Cancer Research UK Beatson Institute, UK	HRI-S7
11:30 – 11:30	Break	
11:30 – 12:30	L8: Matrisomic: applications to cancer biology Alexandra Naba University of Illinois at Chicago, USA	HRI-S7
12:30 – 13:30	Lunch	
13:30 – 14:30	L8: Matrisomic: applications to cancer biology Alexandra Naba University of Illinois at Chicago, USA	HRI-S7
14:30 – 15:00	Break	

15:00 – **W5: Practical workshop** **HRI-S7**
Part C: Analyses of mass spectra using Proteome Discoverer/Scaffold

Tuesday, 20 March 2018

9:00 – 11:00 **L9:** A functional screening platform to investigate inflammasome activation during infection **HRI-S7**
[Florian Schmidt](#)
University of Bonn, Germany

11:30 – 11:30 **Break**

11:30 – 12:30 **L10:** Characterization of novel viral evasion pathways using quantitative proteomics **HRI-S7**
[Paul Lehner](#)
Cambridge Institute for Medical Research, UK

12:30 – 13:30 **Lunch**

13:30 – 14:30 **L10:** Characterization of novel viral evasion pathways using quantitative proteomics **HRI-S7**
[Paul Lehner](#)
Cambridge Institute for Medical Research, UK

14:30 – 15:00 **Break**

15:00 – **W6: Practical workshop** **HRI-S7**
Data analysis

Wednesday, 21 March 2018

9:00 – 11:00 **L11:** Quantitative multiplexed proteomics to investigate host-pathogen interactions **HRI-S7**
[Michael Weekes](#)
Cambridge Institute for Medical Research, UK

11:30 – 11:30 **Break**

11:30 – 12:30 **L12:** Chemical proteomic tools for post translational lipid modifications in virus infections **HRI-S7**
[Remigiusz Serwa](#)
Imperial College London, UK

12:30 – 13:30 **Lunch**

13:30 – 14:30 **L12:** Chemical proteomic tools for post translational lipid modifications in virus infections **HRI-S7**
[Remigiusz Serwa](#)
Imperial College London, UK

14:30 – 15:00	Break	
15:00 –	W7: Practical workshop <i>Data analysis</i>	HRI-S7

Thursday, 22 March 2018

9:30 – 11:30	L13: Functional strategies to isolate ubiquitylated proteins during flavivirus infections Sumana Sanyal HKU-Pasteur Research Pole, Hong Kong SAR	HRI-S7
11:30 – 12:30	Lunch	
14:00 –	W8: Practical workshop <i>Exam preparation</i>	HRI-S7

Friday, 23 March 2018

All day	Oral Exam	HRI-S7
19:00	Award Dinner	TBA

Remarks: L = Lecture W = Workshop