

# 9<sup>th</sup> HKU - Pasteur Cell Biology Course

Theme: **“PROTEOMICS”**

Date: **October 27 - November 2, 2019**

Venue: **LKS Faculty of Medicine  
The University of Hong Kong**

Directors: **Roberto Bruzzone**

HKU-Pasteur Research Pole, The University of Hong Kong, HKSAR

[http://www.hkupasteur.hku.hk/index.php/research/roberto\\_bruzzone](http://www.hkupasteur.hku.hk/index.php/research/roberto_bruzzone)

**Sumana Sanyal**

HKU-Pasteur Research Pole, The University of Hong Kong, HKSAR

[http://www.hkupasteur.hku.hk/index.php/research/sumana\\_sanyal](http://www.hkupasteur.hku.hk/index.php/research/sumana_sanyal)

**George Tsao**

School of Biomedical Sciences, The University of Hong Kong, HKSAR

<https://www.sbms.hku.hk/staff/george-sai-wah-tso>

# PROGRAM

## Sunday, 27 October 2019

		Venue
09:30 – 10:00	<b>Welcome and Introduction to the Course</b> Course Directors	HRI-S2
10:00 – 11:00	<b>Students' self-presentations</b>	HRI-S2
11:00 – 11:30	<b>Break</b>	
11:30 – 12:30	<b>Students' self-presentations</b>	HRI-S2
12:30 – 14:00	<b>Lunch</b>	
14:00 – 16:30	<b>L1: Quantitative multiplexed proteomics to investigate host-pathogen interactions</b> Michael Weekes, Cambridge Institute for Medical Research, UK	HRI-S2
16:30 – 17:00	<b>Break</b>	
17:30 – 18:30	<b>W1: Practical workshop: Introduction</b> Sumana Sanyal, HKU – Pasteur Research Pole, Hong Kong SAR Rakesh Sharma, The University of Hong Kong, Hong Kong SAR Yun Lan, HKU – Pasteur Research Pole, Hong Kong SAR Qiwen Teo, HKU – Pasteur Research Pole, Hong Kong SAR	HRI-S2
19:00 –	<b>Pizza Party</b>	HRI-PFA

## Monday, 28 October 2019

09:00 – 11:00	<b>L2: Exploring the ubiquitin landscape in cancer with advanced proteomics</b> Benedikt Kessler, University of Oxford, UK	HRI-S2
11:00 – 11:30	<b>Break</b>	
11:30 – 12:30	<b>L3: Cross-linking mass spectrometry in complex biological systems</b> Fan Liu, Leibniz Institute of Molecular Pharmacology, Germany	HRI-S2
12:30 – 14:00	<b>Lunch</b>	
14:00 – 15:00	<b>L3: Cross-linking mass spectrometry in complex biological systems</b> Fan Liu, Leibniz Institute of Molecular Pharmacology, Germany	HRI-S2
15:00 – 15:15	<b>Break</b>	
15:30 –	<b>W2: Practical workshop</b>	Knowledge-hub

## Tuesday, 29 October 2019

## Venue

09:00 – 11:00	<b>L4: How proteomics can help understanding immunity</b> <a href="#">Oreste Acuto</a> , University of Oxford, UK	HRI-S2
11:00 – 11:30	<b>Break</b>	
11:30 – 12:30	<b>L5: Functional strategies to isolate ubiquitylated proteins during flavivirus infections</b> <a href="#">Sumana Sanyal</a> , HKU-Pasteur Research Pole, Hong Kong SAR	HRI-S2
12:30 – 14:00	<b>Lunch</b>	
14:00 – 15:00	<b>L5: Functional strategies to isolate ubiquitylated proteins during flavivirus infections</b> <a href="#">Sumana Sanyal</a> , HKU-Pasteur Research Pole, Hong Kong SAR	HRI-S2
15:00 – 15:15	<b>Break</b>	
15:30 –	<b>W3: Practical workshop</b>	Knowledge-hub

## Wednesday, 30 October 2019

09:00 – 10:00	<b>L6: Role of ubiquitin-like proteins in host-pathogen interactions</b> <a href="#">Lilliana Radoshevich</a> , University of Iowa, USA	HRI-S2
10:00 – 10:30	<b>Break</b>	
10:30 – 11:30	<b>W4: Practical workshop</b>	HRI-S2
11:30 – 12:30	<b>Lab tour –</b> Proteomics and Metabolomics Core Facility	HRI-6 Floor
12:30 – 14:00	<b>Lunch</b>	
14:00 –	<b>W4: Practical workshop</b>	Knowledge-hub

## Thursday, 31 October 2019

## Venue

09:00 – 11:00	<b>L7: Interrogating the Cell Biology of Infection and Immunity with Camelid Nanobodies</b> Florian Schmidt, University of Bonn, Germany	HRI-S2
11:00 – 11:30	<b>Break</b>	
11:30 – 12:30	<b>L8: Quantitative label-free proteomics to investigate host-pathogen interactions</b> Francis Impens, Ghent University, Belgium	HRI-S2
12:30 – 14:00	<b>Lunch</b>	
14:00 – 15:00	<b>L8: Quantitative label-free proteomics to investigate host-pathogen interactions</b> Francis Impens, Ghent University, Belgium	HRI-S2
15:00 – 15:15	<b>Break</b>	
15:30 –	<b>W5: Practical workshop</b>	Knowledge-hub

## Friday, 1 November 2019

09:00 – 12:30	<b>W6: Practical workshop</b>	Knowledge-hub
12:30 – 14:00	<b>Lunch</b>	
14:00 – 16:00	<b>L9: Glycomics and Glycoproteomics – deciphering the glyco-language</b> Daniel Kolarich, Institute for Glycomics, Australia	HRI-S2
16:00 – 16:15	<b>Break</b>	
16:30 –	<b>W7: Practical workshop – Group discussion &amp; exam preparation</b>	Knowledge-hub

## Saturday, 2 November 2019

09:00 – 12:00	<b>Exam</b>	HRI-S2
12:15 – 12:45	<b>Certificate / Award presentation</b>	HRI-PFA
13:00	<b>Transfer to Restaurant</b>	HRI-Lobby
13:30 –	<b>Closing Lunch</b> Venue: Tak Kee Chiu Chou Restaurant 3 Belcher's Street, Kennedy Town 德記潮州菜館 卑路乍街3號G益豐大廈地下	

# COURSE INFORMATION

## Date and Venue

The course will be held in:

- HRI-S2, Pre-function Area, Ground Floor, HKJC Building for Interdisciplinary Research, 5 Sassoon Road, Pokfulam, Hong Kong
- Knowledge hub, Ground Floor, Laboratory Block, 21 Sassoon Road, Pokfulam, Hong Kong



## How to get there

If you need to take public transportation (including, bus, minibus and MTR) in Hong Kong, **Octopus Card is very convenient**. It can be purchased at “Customer Service” center at the Airport Express and any MTR station. It is refundable and may incur handling charge. Please visit the following webpage for details: <http://www.octopus.com.hk/customer-service/getting-a-refund/en/index.html>

**The HKJC Building for Interdisciplinary Research can be easily reached by:**

### From Airport:

- City Bus A10 (Please stop at “Queen Mary Hospital”, then cross the street through the walkway bridge. Walk downhill about 5 min along Sassoon Road.
- Airport Express to Hong Kong Station and change to Taxi.
- Taxis, which are plentiful throughout Hong Kong and are all metered, relatively cheap, air-conditioned and clean.

### From Central

Green line minibus <<http://minibus.ampac.com.hk/>>

No. 8 departs from Central – Exchange Square

No.28 departs from Causeway Bay

Please wave you hand when you see the minibus and tell minibus driver where you would like to stop. Please note that minibus at Hong Kong does not stop if no one gets off or gets on.

- Public bus routes number 4, 7, 37, 40, 40M, 46X, 71, 90B, 91, 94, 970, 970X and 973 to stop at “Queen Mary Hospital”, then cross the street through the walkway bridge. Walk downhill about

5 min along Sassoon Road. You are suggested to not take 970, 970X and 973 if there is other buses available since it is more expensive.

<http://www.nwstbus.com.hk/home/default.aspx?intLangID=1>

#### **From Kennedy Town MTR Station**

- Green line minibus No. 23 & 23M get off at Queen Mary's Hospital

#### **From Robert Black College/Main Campus**

Get onto Pokfulam Road from Haking Wong Building (MRT exit A1/A2)

- Green line minibus No. 8 & 28 get off at 5 Sassoon Road (in front of the building)  
No. 22 & 22M get off at Queen Mary's Hospital
- Public bus routes number 4, 7, 37, 40, 40M, 71, 90B, 91, 94, 970, 970X and 973.  
<http://www.nwstbus.com.hk/home/default.aspx?intLangID=1>  
Get off at Queen Mary's Hospital

## **Official Language**

The official language of the Course is English

## **Badges**

Participants will be provided with badges which should be worn at all times for admission to the meeting venues.

## **Policy on Disposable Plastic Bottles**

**BRING YOUR OWN MUG.** Effective July 1, 2017, the sale of water in disposable plastic bottles of one liter or less in volume is not permitted in catering outlets, retail locations, or vending machines owned by or located on university premises; The distribution and use of water in disposable plastic bottles of one liter or less at events and activities arranged on university premises by faculties, departments, societies, or other university-affiliated units is not permitted.

## **Arrange for Adverse Weather Conditions**

When Tropical Storm Warning Signal No. 8 (or a higher number) or the Rainstorm Black Warning Signal is hoisted, the following arrangements will apply:

### *(a) For day not yet started*

If either of the warnings is hoisted or in force at or after 6:00 am

	All activities and talks before 2:00 pm will be cancelled automatically.
--	--

If either of the warnings is hoisted or in force at or after 11:00 am

	All activities and talks commencing between 2:00 pm and 6:00 pm will be cancelled automatically.
--	--

### *(b) For day already started*

If Storm Warning Signal No. 8 is hoisted

	All activities and talks will be suspended immediately.
--	---

If Black Rainstorm Warning Signal is hoisted

	All activities and talks, except those held outdoors, will continue. For outdoor activities and talks, the responsible staff members on the spot should suspend the activities immediately, ensure that all students are taken to a safe place, and remain there until it is safe for them to return home.
--	--