



# 2022 FIMSA Advanced Immunology Course (Virtual)

**Date:** 19<sup>th</sup> - 20<sup>th</sup> August 2022  
**Venue:** zoom virtual platform  
**Organizers:** Federation of Immunological Societies of Asia-Oceania (FIMSA) & Hong Kong Society for Immunology (HKSI)  
**Directors:** Prof. Kathy Lui (CUHK)  
Prof. Liwei Lu (HKU)

**Free registration:**



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**ALL ARE WELCOME!**

# 2022 FIMSA Advanced Immunology Course (Virtual)



Directors: Prof. Kathy Lui and Prof. Liwei Lu

Aug 19, 2022 (Friday)

Time: 1:00 pm-6:15 pm (HKT)

Chairs: Profs Kathy Lui (CUHK) & Zhiwei Chen (HKU)

1:00 - 1:10	<b>Welcome speech</b> Prof. Kathy Lui
1:10 - 1:15	Group Pictures with all speakers
1:15 - 1:45	<b>Antigen presenting cells: processing and presentation of antigen</b> Prof. Sunil Arora (Post Graduate Institute of Medical Education & Research, India)
1:45 - 2:15	<b>T cell exhaustion and immune dynamics thereof</b> Prof. Yuzhang Wu (The Army Medical University, China)
2:15 - 2:45	<b>Programming of tissue-resident memory T cells</b> Prof. Laura Mackay (The Peter Doherty Institute for Infection and Immunity, Australia)
2:45 - 3:15	<b>A leaf of window opens for immunology when self-DNA become autoantigen</b> Prof. Sidong Xiong (Soochow University, China)
3:15 - 3:45	<b>Epigenetic dysregulation in immune-mediated disease</b> Prof. Esteban Ballestar (Josep Carreras Leukaemia Research Institute, Spain)
3:45 - 4:15	<b>Neutrophil-gated immune response during sepsis: lesson from intravital imaging</b> Prof. Young-Min Hyun (Yonsei University, Korea)
4:15 - 4:45	<b>Regulation of antibody production by T follicular helper subsets</b> Prof. Luis Graca (University of Lisbon, Portugal)
4:45 - 5:15	<b>The role of group 2 innate lymphoid cells in pulmonary diseases</b> Prof. Kazuyo Moro (Osaka University, Japan)
5:15 - 5:45	<b>The why and how of CD4<sup>+</sup> T cells in cardiovascular disease and repair</b> Prof. Kathy Lui (The Chinese University of Hong Kong, Hong Kong)
5:45 - 6:15	<b>COVID-19 vaccination and preventive efficacy</b> Prof. Zhiwei Chen (The University of Hong Kong, Hong Kong)

**Aug 20, 2022 (Saturday)**

**Morning session: 8:30 am-12:15 pm (HKT)**

**Chairs: Profs Jun Yu (CUHK) & Kwan Ting Chow (CityU)**

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8:30 - 9:15	<b>Does the immune system think?</b> Prof. Tak Wah Mak (University of Toronto, Canada / The University of Hong Kong, Hong Kong)
9:15 - 9:45	<b>Nuclear DNA sensor hnRNP-A2B1 in innate immunity, inflammation and cancer</b> Prof. Xuetao Cao (Nankai University, China)
9:45 - 10:15	<b>Germinal center T-B interactions</b> Prof. Hai Qi (Tsinghua University, China)
10:15 - 10:45	<b>T cell subsets in immunity and diseases</b> Prof. Chen Dong (Shanghai Jiaotong University School of Medicine, China)
10:45 - 11:15	<b>Understanding systemic lupus erythematosus: from bench to bedside and back</b> Prof. Chak Sing Lau (The University of Hong Kong, Hong Kong)
11:15 - 11:45	<b>Mesenchymal stem cell transplantation for treating autoimmune diseases</b> Prof. Lingyun Sun (Drum Tower Hospital of Nanjing University Medical School, China)
11:45 - 12:15	<b>Gut microbiome in modulating anti-cancer immunotherapy response</b> Prof. Jun Yu (The Chinese University of Hong Kong, Hong Kong)

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**Aug 20, 2022 (Saturday)**

**Afternoon session: 1:00 pm-6:05 pm (HKT)**

**Chairs: Profs CK Wong (CUHK) & Nancy Kwan Man (HKU)**

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- 1:00 - 1:30      **Myelid-derived suppressor cells in early life**  
Prof. Jie Zhou  
(Tianjin Medical University, China)
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- 1:30 - 2:00      **New immune checkpoints and cancer immunotherapy**  
Prof. Youhai Chen  
(CAS Shenzhen Institute of Advanced Technology, China)
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- 2:00 - 2:30      **How CD8<sup>+</sup> memory T cells maintain their longevity?**  
Prof. Bo Huang  
(Chinese Academy of Medical Sciences & Peking Union Medical College, China)
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- 2:30 - 3:00      **The critical roles of Syk-CLRs in COVID-19 induced Immunothrombosis**  
Prof. Shie-Liang Hsieh  
(Academia Sinica, Taipei)
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- 3:00 - 3:30      **Investigation into the role of microglia in brain injury**  
Prof. Jana Vukovic  
(The University of Queensland, Australia)
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- 3:30 - 4:00      **AIM2 in TFH cell differentiation and its molecular mechanism in SLE development**  
Prof. Qianjing Lu  
(Central South University, China)
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- 4:00 - 4:30      **Molecular control of regulatory T cell differentiation and function by Foxp3 and TCR**  
Prof. Shohei Hori  
(The University of Tokyo, Japan)
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- 4:30 - 5:00      **Regulation of macrophage-mediated inflammatory responses**  
Prof. Xiaoyu Hu  
(Tsinghua University, China)
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- 5:00 - 5:30      **Transplant immunology and oncology - the immune regulation on tumor microenvironment**  
Prof. Nancy Kwan Man  
(The University of Hong Kong, Hong Kong)
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- 5:30 - 6:00      **The anti-inflammatory mechanism of Interleukin-37 in atopic dermatitis: proteomic, molecular and animal approaches**  
Prof. Chun Kwok Wong  
(The Chinese University of Hong Kong, Hong Kong)
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- 6:00 - 6:05      **Concluding remarks**  
Prof. Liwei Lu  
(The University of Hong Kong, Hong Kong)
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