



巴斯德讲坛-精英讲坛系列 Pasteur Senior

Early Life Intervention for Chronic Diseases

Prof. Yuxia Zhang

Principal Investigator, Guangzhou Women and Children's Medical Center, Guangzhou Medical University.

Yuxia obtained her PhD from the CAS in 2007, followed by 2 years post-doctoral training in the C.Rudd Laboratory at the University of Cambridge (UK). She joined the Leonard Harrison Lab at Walter and Eliza Hall Institute of Medical Research (WEHI) in February 2009 and was promoted to Senior Research Officer in 2014. She was appointed Lab Head April 2016 at Guangzhou Women and Children's Medical center (GWCMC), Guangzhou Medical University.

She bridges mouse and human immunology studies with cutting-edge technologies, and has identified novel biomarkers and pathogenic mechanisms in autoimmune and allergic diseases, and therapeutic targets and agents. Her lab currently focuses on immune pathogenesis and novel treatment strategies for inflammatory bowel diseases (IBD) and biliary atresia (BA). They employ cutting-edge techniques including scRNA-Seq, GWAS, comparative immune profiling, animal experiments and clinical trials to identify how risk and disease causal genes regulate intestinal and hepatic immune and non-immune cell development and function.

Highlighted Publications (as last corresponding author):

- 1) *Liver immune profiling reveals pathogenesis and therapeutics for biliary atresia. Cell. 2020; 183, 1-17;*
- 2) *Mucosal profiling of pediatric-onset colitis and IBD reveals common pathogenics and therapeutic pathways. Cell. 2019; 179(5):1160-1176.*



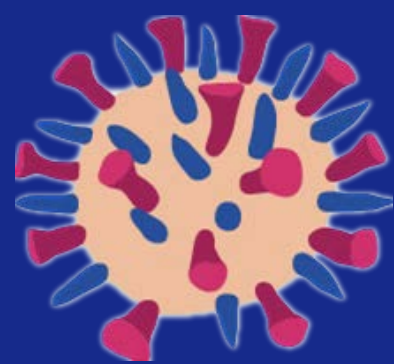
A201, Life Science Research Building

10:00 AM - 11:30 AM

12th MAY, 2021

Host: RICHARD LO-MAN

腾讯会议直播间 (Tencent Meeting teleconference room): 607 843 633



**CAS KEY LABORATORY OF MOLECULAR
VIROLOGY & IMMUNOLOGY**
中国科学院分子病毒与免疫重点实验室



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