



巴斯德讲坛-精英讲坛系列 Pasteur Colloquium-Elite

Cryo-EM advances RNA structure determination



Dr, Zhaoming SU

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National geriatric disease clinical research center of West China Hospital*

Dr. Zhaoming SU is a professor at the State Key Laboratory of Biotherapy in Sichuan University. He entered Peking University in 2001 majoring chemistry, and continued his graduate study in chemistry with Christian Melander at North Carolina State University and obtained Ph.D. in 2012. His Ph.D. study focus on synthesis and screening of bioactive small molecules with antibiofilm and microbicidal activity against pathogenic bacteria. He turned to rational design of small molecules targeting GGGGCC RNA repeat in ALS/FTD during his first postdoc with Matt Disney in Scripps Florida. In 2019, he joined the State Key Laboratory of Biotherapy in Sichuan University to continue his research on structures and functions of pathogenic RNAs and ribonucleoproteins, and rational design of RNA targeting small molecules. At the meantime, he is keen to develop methods that apply deep learning algorithms in computer vision to cryo-EM data processing. He has 22 publications in journals like Cell, Nat. Methods, Neuron, Nat. Mol. Struct. Biol., Nat. Commun., Angew. Chem., etc.

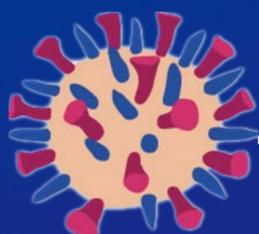
A201, Life Science Research Building

10:00 AM - 11:30 AM

September 16th, 2020

Host: Lanfeng WANG

腾讯会议直播间 (Tencent Meeting teleconference room): 233 202 856



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



中国科学院上海巴斯德研究所
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