

Guangzhou RNA club

大数据、人工智能与核酸药物



Pascale Romby

法国科学院
UPR 9002 CNRS-ARN中心主任
Stras-RNA负责人

Time : 2023-08-24 16:00 PM

Meeting ID: 375-375-1031

Passcode: 666666

Zoom meeting link:

<https://us06web.zoom.us/j/3753751031?pwd=RXJKRjRtUTdMYU9udG9MdFpnOE9LQT09>

Bilibili : <https://live.bilibili.com/26427894>



研究方向:

- 1、寻找细菌体内RNA-RNA配对及研究其在快速适应过程(应激反应, 毒性)中的重要性;
- 2、大肠杆菌和金黄色葡萄球菌中结构mRNA的翻译起始及其在细菌中的调控机制研究;
- 3、条件病原体金黄色葡萄球菌中调控RNA及其网络的功能的研究;
- 4、细菌中的mRNA和调控RNA的研究;
- 5、金黄色葡萄球菌非编码RNA RsaA的RNA靶组对细胞表面特性和防御机制的影响的研究;

HOST & PANELISTS



主持人: 苗智超

广州实验室
广州医科大学



袁姣

广州实验室



黄林

中山大学



杨建华

中山大学



王金凯

中山大学

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Big Data, AI and Nucleic Acid Drugs



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Academician of Chinese Academy of Sciences

Director of the UPR 9002 CNRS-ARN at IBMC

Principal of Stras-RNA

Research focuses :

1. Mapping RNA-RNA pairings in vivo in bacteria and their importance in fast acclimation processes (stress responses, virulence).
2. Research on the translation initiation of structured mRNAs and its control in Escherichia coli and S. aureus in bacteria.
3. Research on the functions of regulatory RNAs and their networks in the opportunistic pathogen Staphylococcus aureus.
4. mRNAs and regulatory RNAs in bacteria research.
5. Research on the RNA targetome of Staphylococcus aureus non coding RNA RsaA: impact on cell surface properties and defense mechanisms.

HOST & PANELISTS



Host : Zhichao Miao

Guangzhou Laboratory
Guangzhou Medical University



Jiao Yuan

Guangzhou Laboratory



Lin Huang

Sun Yat-sen University



Jianhua Yang

Sun Yat-sen University



Jinkai Wang

Sun Yat-sen University

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