



巴斯德讲坛-资深系列 Pasteur Colloquium- Senior

Establishment and maintenance of epigenetic information



[Speaker]	Prof. Bing Zhu
[Time]	15:30-17:00PM, June 15, 2017
[Host]	Prof. Changbin Chen
[Venue]	A0201, Life Science Research Building

[Speaker Introduction]

- Professor , Institute of Biophysics, CAS
- Chief Scientist of National 973 Project
- National Science Fund for Distinguished Youth
- Technological Leading Talent (10,000 Talents Plan)

[Research Focus]

He is mainly engaged in epigenetics. How newly deposited histones acquire these modifications during/after DNA replication remains unclear. He address this important question using combinatory approaches by integrating biochemistry, quantitative mass spectrometry and high-throughput sequencing. Epigenetic modification can be inherited as the genetic information in the process of cell division, its molecular mechanism is not clear, His group has made important achievements in this direction, the epigenetic inheritance of the feedback model. Recently, His laboratory explored the mechanism of DNA methylation dynamics and its physiological significance in the development of germ cell, cell maturation and early embryo development.



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上海巴斯德健康研究基金会
Shanghai Pasteur Health Research Foundation