



中国科学院生物物理研究所

## 贝时璋讲座

### CryoEM snapshots of the spliceosome at work: Towards Understanding its Catalytic Mechanism

报告人：Prof. Kiyoshi Nagai

报告时间：2017年4月18日（周二）上午10:00

报告地点：生物物理所9501会议室

主持人：饶子和 研究员

### 报告人简介

Dr. Kiyoshi Nagai is a senior investigator at MRC-LMB who has made seminal contribution in structural studies of protein-RNA complexes, most notably the spliceosome.



### 代表论文简介

1. Nguyen TH, Galej WP, Bai XC, Oubridge C, Newman AJ, Scheres SH, Nagai K: Cryo-EM structure of the yeast U4/U6.U5 tri-snRNP at 3.7 Å resolution. *Nature* 2016 530: 298-302.
2. Galej WP, Wilkinson ME, Fica SM, Oubridge C, Newman AJ, Nagai K: Cryo-EM structure of the spliceosome immediately after branching. *Nature* 2016 537: 197-201.
3. Fica SM, Oubridge C, Galej WP, Wilkinson ME, Bai XC, Newman AJ, Nagai K: Structure of a spliceosome remodelled for exon ligation. *Nature* 2017 542: 377-380.