



中国科学院生物物理研究所

贝时璋讲座

Mammalian Autophagy: Membrane Dynamics and Anti-Diseases Function

报告人：Dr. Tamotsu Yoshimori

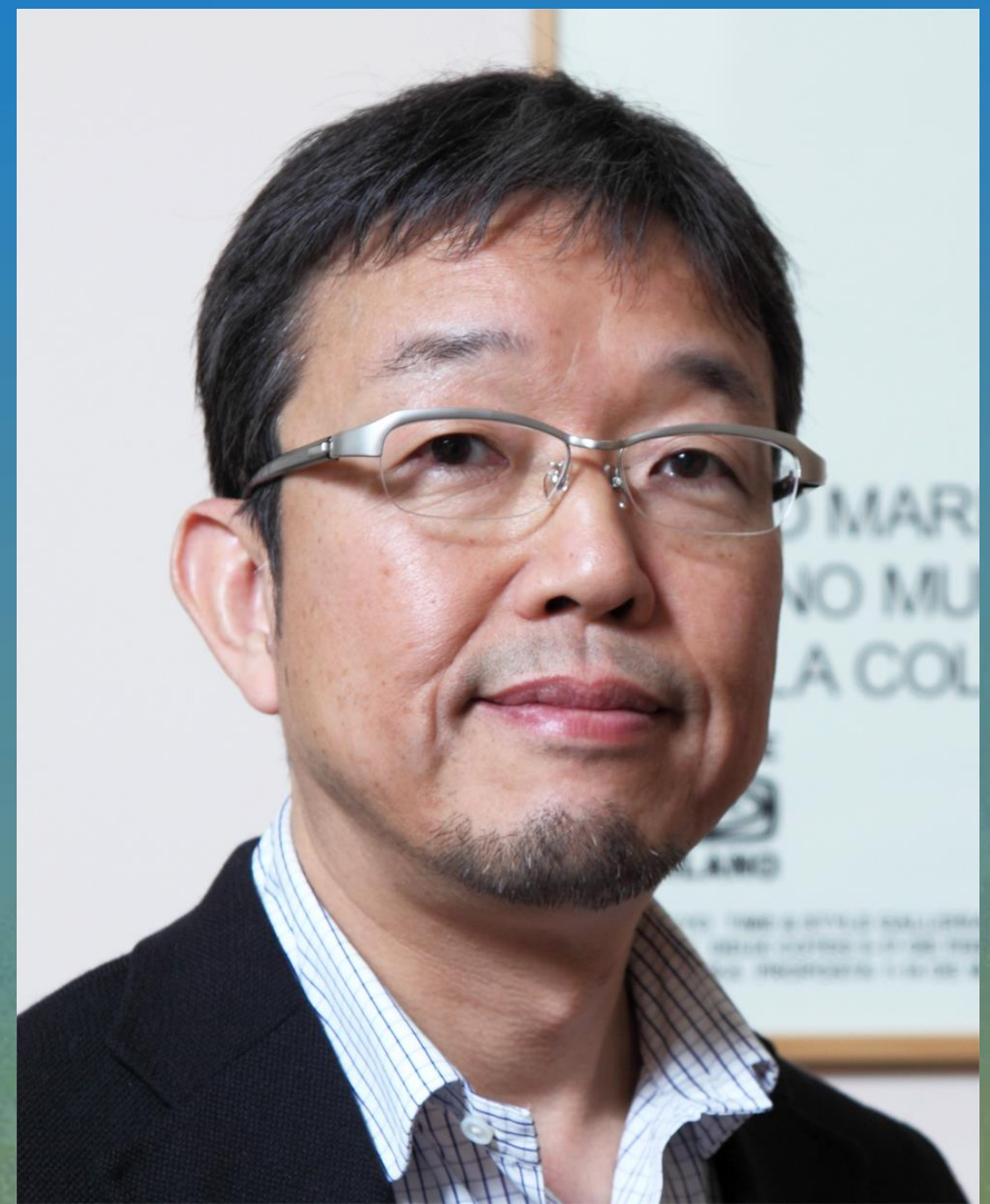
报告时间：2016年4月23日 9:30-10:30

报告地点：生物物理研究所 9501会议室

主持人：张宏研究员

报告人简介

Dr. Tamotsu Yoshimori is a distinguished professor of Osaka University. His research interests are focused on intracellular membrane trafficking, and especially for the last 18 years, autophagy. He identified LC3 as an autophagosome-binding protein, which has been widely used as the gold standard in autophagy assays. The paper has been cited over 3,000 times.



代表成果：

1. Kabeya Y, ..., Yoshimori T*. LC3, a mammalian homolog of yeast Apg8p, is localized in autophagosome membranes after processing. *EMBO J.* 19, 5720-8. (2000)
2. Nakagawa I*, ..., Yoshimori T*. Autophagy defends cells against invading group A Streptococcus. *Science.* 306, 1037-40. (2004)
3. Matsunaga K, ..., Yoshimori T*. Two Beclin-1 binding proteins, Atg14L and Rubicon, reciprocally regulate autophagy at different stages. *Nat Cell Biol.* 11, 385-96 (2009)
4. Hamasaki M, ..., Yoshimori T*. Autophagosomes form at ER-mitochondria contact sites. *Nature.* 495, 389-93. (2013)
5. Fujita N, ..., Noda T*, Yoshimori T*. Recruitment of the autophagic machinery to endosomes during infection is mediated by ubiquitin. *J Cell Biol.* 203, 115-128. (2013)