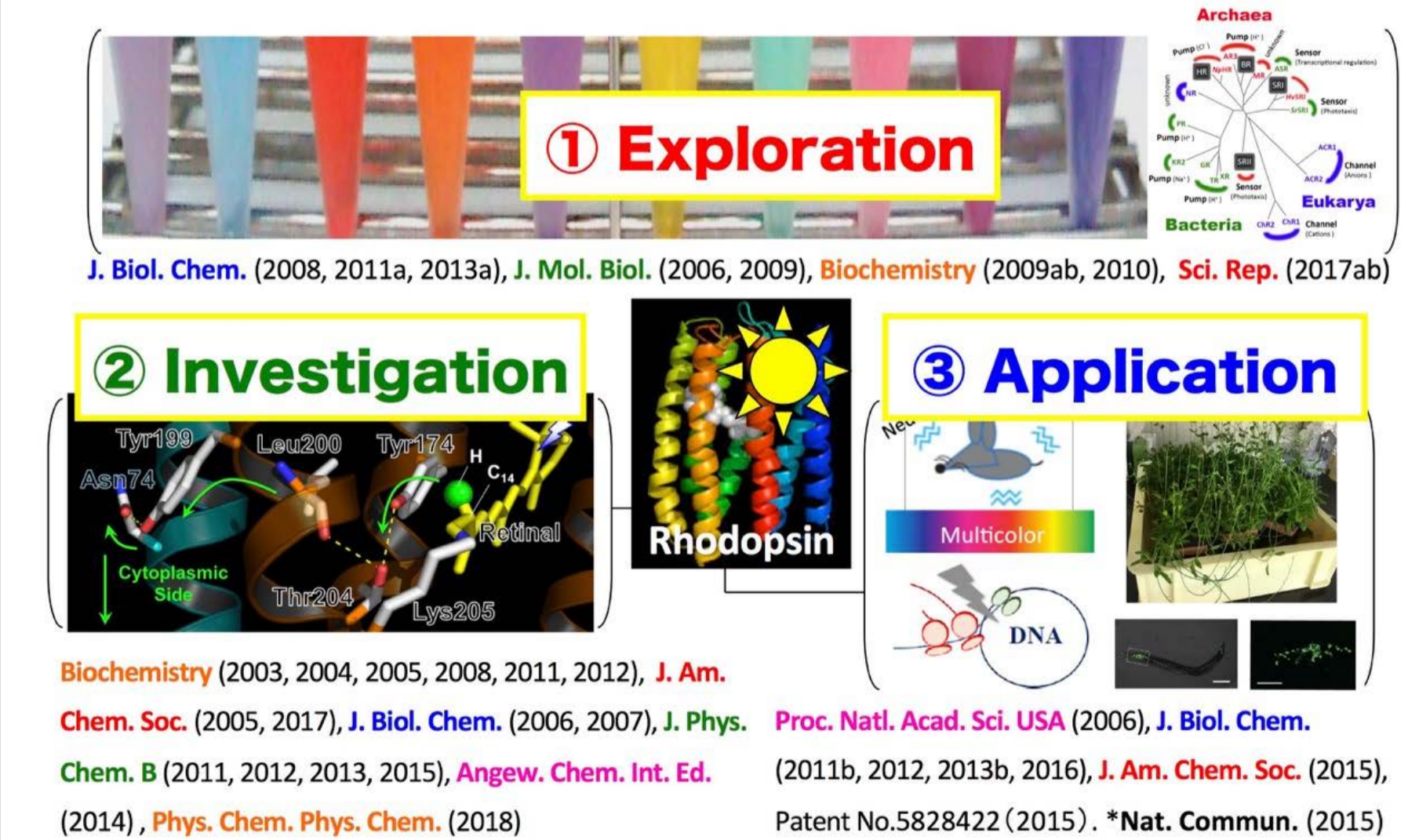


# Kolloquium des Fachbereichs Physik

Prof. Yuki Sudo  
Okayama University, Japan

## Microbial rhodopsins: Rich functional diversity and great potential for optical control of biological activity



**① Exploration**

*J. Biol. Chem.* (2008, 2011a, 2013a), *J. Mol. Biol.* (2006, 2009), *Biochemistry* (2009ab, 2010), *Sci. Rep.* (2017ab)

**② Investigation**

*Biochemistry* (2003, 2004, 2005, 2008, 2011, 2012), *J. Am. Chem. Soc.* (2005, 2017), *J. Biol. Chem.* (2006, 2007), *J. Phys. Chem. B* (2011, 2012, 2013, 2015), *Angew. Chem. Int. Ed.* (2014), *Phys. Chem. Phys. Chem.* (2018)

**③ Application**

*Proc. Natl. Acad. Sci. USA* (2006), *J. Biol. Chem.* (2011b, 2012, 2013b, 2016), *J. Am. Chem. Soc.* (2015), Patent No.5828422 (2015). \**Nat. Commun.* (2015)

Freitag, 01.06.2018 um 15 Uhr c. t.  
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