



IBS Center for Molecular Spectroscopy and Dynamics

---

## COLLOQUIUM

---

- **SPEAKER**

Prof. Michael Z. Lin (Stanford University School of Medicine)

- **TITLE**

Coloring outside the lines: Exploring new functions for fluorescent proteins

- **ABSTRACT**

My lab engineers fluorescent proteins to create new uses in sensing biological events in vivo. I will discuss recent work on an unusually bright orange-red fluorescent protein, the creation of a synthetic bioluminescent system with high output at red wavelengths, and the use of this bioluminescent system to improve deep-tissue imaging in mammals. I will also present our latest research coupling light absorption by fluorescent proteins to the control of biochemical events.

- **DATE AND VENUE**

September 13, 2017 (Wednesday, 5:00 - 6:00 pm)  
Seminar Room 116, KU R&D Center

- **LANGUAGE**

English

- **INVITED BY**

Prof. Seok-Cheol Hong

\* If you want to have a discussion with Prof. Michael Z. Lin or have dinner with him, please contact Prof. Seok-Cheol Hong ([hong1sc@gmail.com](mailto:hong1sc@gmail.com)).