

HONOR

National Junior Researcher Fellowship
(\$ 50,000/year in my own research fund)
from National Research Foundation of Korea 2010 – 2015

National Science & Technology scholarship
from National Research Foundation of Korea 2004

PUBLICATIONS

1. Youngbin Lim, So Young Bak, Keewon Sung, Euihwan Jeong, Seung Hwan Lee, Jin-Soo Kim, Sangsu Bae and Seong Keun Kim; Structural roles of guide RNAs in the nuclease activity of Cas9 endonuclease. *Nat. Commun.*, **7**:13350 (2016)
2. Minsik Kim, Hee Jung Kim, Sang Hyeon Son, Hye-Jin Yoon, Youngbin Lim, Jong Woo Lee, Yeong-Jae Seok, Kyeong Sik Jin, Yeon Gyu Yu, Seong Keun Kim, Sangryeol Ryu, and Hyung Ho Lee; Non-Canonical DNA Binding Mode of Repressor and its Disassembly by Antirepressor, *Proc. Nat. Acad. Sci. U.S.A.*, **113**, 2480 (2016)
3. Jiwoong Kwon*, Youngbin Lim*, Jiwon Jung and Seong Keun Kim; New Sub-diffraction-limit Optical Microscopy Technique: Dual-point Illumination AND-gate Microscopy on Nanodiamonds (DIAMOND), *Opt. Express*, **20**, 13347 (2012) *equal contribution

PRESENTATIONS

Youngbin Lim, Jin-Moo Lee, Younggyu Kim, Yong-Joo Jeong and Seong Keun Kim; Single-molecule study for cooperative translocation motion of nsP13 helicase during duplex DNA unwinding; Poster presentation (**Awarded**)
108th Korean Chemical Society Meeting, Daejeon, Korea (09/2011)

Youngbin Lim, Hye Ran Koh, Yoonhee Park and Seong Keun Kim; Real-time Single-Molecule Observation of the Proofreading Process during DNA Replication; Poster presentation
54th Biophysical Society Annual Meeting, San Francisco, USA (02/2010)