



Single Molecule Biology & Cellular Dynamics Lab.



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Education

2006: Ph.D. in MEMS, Duke Univ.

2000: M.S. in ME, Sungkyunkwan Univ.

1998: B.S. in ME, Sungkyunkwan Univ.

Experience

2012~present : Assistant Professor, School of Life Science, GIST

2006~2012 : Research Associate, UIUC, IL, USA

2006~2006 : Research Associate, DUKE Univ., NC, USA

2002~2006 : Researcher, DUKE Univ., NC, USA

Fact sheet

-TJ Park Fellowship, POSCO TJ Park Foundation: 2014-2015
Excellent Young Investigator Award, Ministry of Education of Science and Technology 2012

-Jane Coffin Childs Memorial Fund Fellowship: 2007-2010
Best Postdoctoral Researcher Award in Missouri Biophysics Symposium: March, 11, 2011

-Biophysical Society Student Research Achievement Award (SRAA), 2006

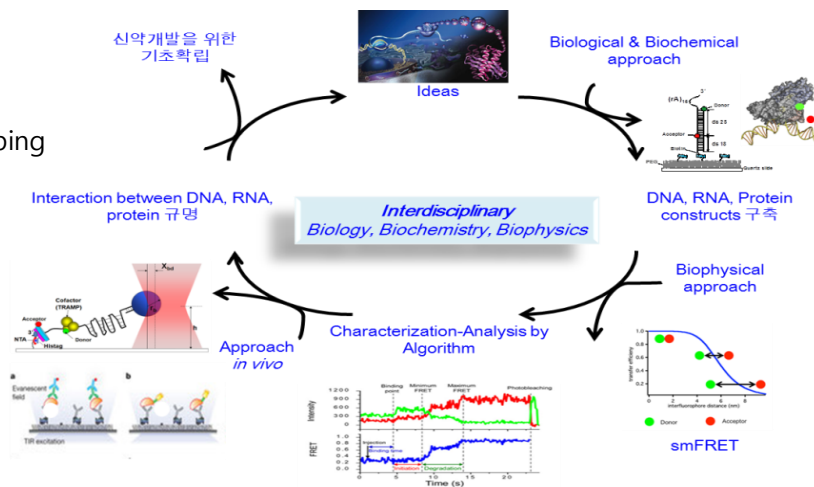
-Excellent student scholarship, Sungkyunkwan University, 1995



Research Topics

1) Our study have focused on the regulation principle of various biological processes such as DNA replication, recombination, DNA methylation, and cellular signaling pathway using molecular biology, biochemistry and molecular Imaging techniques. We are especially interested in unraveling the mechanism of enzyme complexes playing key roles in fundamental biological processes.

2) We have also made significant efforts on developing biosensors using nano & biotechnologies to detect human diseases for early diagnosis.



PUBMED AUTHOR INFORMATION

<https://www.ncbi.nlm.nih.gov/pubmed/?term=Gwangrog+Lee>