

Prof. Hohjai Lee

2020 – present

Associate Professor, Department of Chemistry,
GIST, Gwangju, Korea

2013 – 2019

Assistant Professor, Department of Chemistry,
GIST, Gwangju, Korea

2010 – 2013

Postdoctoral Research Fellow
(Advisor: Prof. Adam E. Cohen)
Department of Chemistry and Chemical Biology,
Harvard Univ. Cambridge, MA, USA

Prof. Jiwon Seo

2016 – present

Associate Professor, Department of Chemistry,
GIST, Gwangju, Korea

2010 – 2016

Assistant and Associate Professor,
Division of Liberal Arts and Sciences,
GIST, Gwangju, Korea

2007 – 2010

Postdoctoral Research Fellow
(Advisor: Prof. Annelise E. Barron)
Department of Bioengineering,
Stanford Univ. Stanford, CA, USA

Program

10:00 – 10:10

Opening

10:10 – 11:00

Keynote speeches

11:15 – 11:45

Session 1

11:45 – 12:45

Lunch break

12:45 – 13:30

Session 2

13:45 – 14:30

Session 3

14:30 – 14:35

Closing

Samsung STF Joint workshop 2020

*Hohjai Lee's lab
&
BML*

2020.10.23.



Keynote speeches

이호재 교수님

Peptoid-based exciplex system for quantum teleportation

서지원 교수님

Mimicry of natural peptides and proteins using peptoids

Session 1

박동철

Radical ion pair mechanism study using optical spectroscopy methods

이연재

Synthesis and conformational study of (phenyl-phenanthrene)-(phenyl-*N,N*-dimethylaniline)-peptoid conjugates (PhD-PCs)

Session 2

정민혁

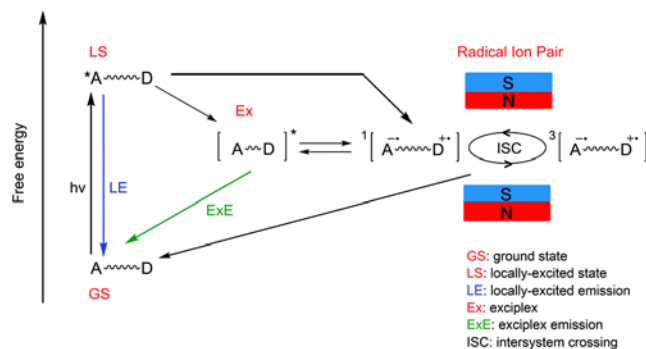
Magnetic field effect measurement of pyrene-DMA in micelles

박수현

Electron spin related spectroscopy: EPR & ODMR

기영철

Mapping of tryptophan concentration in live cells by three-photon induced intrinsic fluorescence



Session 3

오진영

Pyrene-based helical peptoid

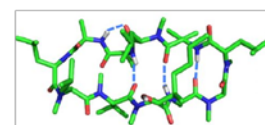
양우진

Porphyrin-peptoid conjugate: multifunctional bio-inspired-complex

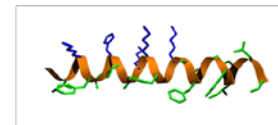
송다솜

Synthesis and characterization of peptoid-polymer conjugates

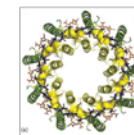
Mimicry of nature's privileged structures



Macrocyclic structures



Amphipathic structures



Cofacial structures & Metal clusters

