

Yong Ho Kim

Contact Information

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EDUCATION

University of Pennsylvania, Philadelphia, Pennsylvania

Doctor of Philosophy in Chemistry (2005–2011)
Research Advisor: Professor William F. DeGrado

Korea Advanced Institute of Science and Technology (KAIST), Daejeon, Korea

Master's Degree in Organic Chemistry and Material Chemistry, February 2003
Research Advisors: Professor Sukbok Chang

Sungkyunkwan University (SKKU), Suwon, Korea

Bachelor of Science in Chemistry, February 2001
Research Advisor: Professor Young-Uk Kwon

RESEARCH EXPERIENCE

SKKU Advanced Institute of Nanotechnology (SAINT) & Department of Chemistry

(March 2013 – Present) Assistant Professor

Massachusetts Institute of Technology, Cambridge, MA U.S.A.

Research Laboratory of Electronics and Department of Biology
Iberian Nanotechnology Laboratory (INL)
(September 2011–February 2013) Post-Doctoral Associate
Research Advisor: Karl Berggren at EECS and Amy Keating at Biology department

LG Chem, Ltd, Daejeon,

Electronic Chemicals, Petrochemicals Research and Development
(March 2004 – June 2005) Research Scientist

SELECTED PUBLICATIONS

Yong Ho Kim, Jason E. Donald, Gevorg Grigoryan, George P. Leser, Alexander Y. Fadeev, Robert A. Lamb, and William F. DeGrado, "Capture and Imaging of the Pre-hairpin Intermediate in Viral Membrane Fusion of the Paramyxovirus PIV5", *Proceedings of the National Academy of Sciences*, (2011) 108, 20992-20997.

Gevorg Grigoryan*, **Yong Ho Kim***, Rudresh Acharya, Kevin Axelrod, Rishabh M. Jain, Lauren Willis, Marija Drndic, James M. Kikkawa, and William F. DeGrado, "Computational Design of Virus-like Protein Assemblies on Carbon Nanotube Surfaces" *Science* (2011) 332, 1071-1076.

*- Authors contributed equally

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