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Title: Synergy between Metal and Ligand for Molecular Probes Aimed at Biomedical Applications

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Education

- 1994 Ph. D., Graduate School of Engineering, Tohoku University
- 1994 Post doctoral fellow, Ames Lab., Iowa State University
- 1996 Research Associate, Graduate School of Engineering, Tohoku University
- 2003 Associate Prof., Graduate School of Environmental Studies, Tohoku University
- 2014 Prof., Graduate School of Environmental Studies, Tohoku University

Nobuhiko Iki was born in 1966 in Sapporo, Japan and graduated from Tohoku University in 1988. During his postgraduate course (1989-1990), he studied coordination chemistry at Department of Chemistry, Imperial College London, with Prof. D. F. Evans. He received his Ph.D in analytical chemistry from Tohoku University under direction of Prof. T. Yotsuyanagi in 1994. After his postdoctoral work at Ames Laboratory, Iowa State University, with Prof. E. S. Yeung, he joined Prof. S. Miyano's group, Tohoku University, as a research associate to study thiacalixarene chemistry in 1996. He was promoted to an associate professor at Graduate School of Environmental Studies, Tohoku University in 2003, and then to a full professor at the same school in 2014. His research interests focus on multifunctional metal complexes for bioimaging and therapy, capillary electrophoretic reactor for evaluating kinetic stability of metal and biomolecular complexes, and kinetic differentiation mode separation/detection systems for ultratrace metal ions.