

# THESES

- HASHISAKA, Masayuki  
D Sc, Kyoto University  
“Precise Measurement of Quantum Shot Noise in Mesoscopic Systems”  
Supervisor: Assoc Prof KOBAYASHI, Kensuke  
23 March 2009
- HIRAKAWA, Mika  
D Sc, Kyoto University  
“Development of Informatics Resources for Human Genome Research and Analysis of Retroposons Conserved in Noncoding Regions of the Mammalian Genome”  
Supervisor: Prof KANEHISA, Minoru  
25 May 2009
- HIRAMATSU, Takaaki  
D Sc, Kyoto University  
“A Study on Molecular Properties and Aggregation Behaviors of an Amphoteric Polar Molecule, BMDCM”  
Supervisor: Prof SATO, Naoki  
25 May 2009
- KAN, Keizo  
D Pharm Sc, Kyoto University  
“Development of Chiral Nucleophilic Catalysts with Functionalized Side Chains for Substrate Recognition”  
Supervisor: Prof KAWABATA, Takeo  
23 March 2009
- KAWAI, Masahiro  
D Sc, Kyoto University  
“Synthesis and Application of Transition Metal Complexes Bearing Overcrowded Phosphine Ligands”  
Supervisor: Prof TOKITOH, Norohiro  
23 March 2009
- MOURI, Kazunari  
D Inf, Kyoto University  
“Analyses of the Effects of Fluctuation in Biological Systems”  
Supervisor: Prof AKUTSU, Tatsuya  
23 March 2009
- OMORI, Taketo  
D Agr, Kyoto University  
“Biochemical Studies of Novel Glycerophospholipids in Mammals”  
Supervisor: Assoc Prof KURIHARA, Tatsuo  
23 July 2009
- OZAKI, Shuhei  
D Sc, Kyoto University  
“Studies on the Synthesis and Properties of Kinetically Stabilized 1-Hydrosilene”  
Supervisor: Prof TOKITOH, Norohiro  
23 March 2009
- RAHMAN, Nelly  
D Eng, Kyoto University  
“Studies on Crystallization of Poly(Lactic Acid) and Related Polymers”  
Supervisor: Prof KANAYA, Toshiji  
23 March 2009
- SHIGEMIZU, Daichi  
D Sc, Kyoto University  
“Extraction and Analysis of Chemical Modification Patterns in Drug Development”  
Supervisor: Prof KANEHISA, Minoru  
24 November 2009
- TAKAHASHI, Hideaki  
D Eng, Kyoto University  
“Linear and Nonlinear Rheological Properties of Scarcely Crosslinked Poly (dimethyl siloxane) Gels”  
Supervisor: Prof WATANABE, Hiroshi  
23 March 2009
- TANABE, Taro  
D Sc, Kyoto University  
“Syntheses of Silanedichalcogenolato Transition Metal Complexes Utilizing Stable Silanedichalcogenols and Elucidation of Their Structures and Reactivities”  
Supervisor: Prof TOKITOH, Norohiro  
23 March 2009
- TANIGAWA, Hironobu  
D Sc, Kyoto University  
“Current-induced and Magnetic-field-induced Magnetic Domain Wall Motion in Ferromagnetic Nano-Wire with Perpendicular Magnetic Anisotropy or In-plane Magnetization”  
Supervisor: Prof ONO, Teruo  
23 March 2009
- TOBE, Ryuta  
D Agr, Kyoto University  
“Enzymological Studies on Selenoprotein Biosynthesis”  
Supervisor: Assoc Prof KURIHARA, Tatsuo  
23 July 2009
- TSUTSUMI, Jun'ya  
D Sc, Kyoto University  
“Solid-State Structures and Electronic Properties of Organic Molecules Fabricated by Connecting Electron Donor and Acceptor Components”  
Supervisor: Prof SATO, Naoki  
23 January 2009
- WAKIOKA, Masayuki  
D Eng, Kyoto University  
“Synthesis and Photochemical Properties of Poly(phenylenevinylene)s with Highly Regulated Structures”  
Supervisor: Prof OZAWA, Fumiyuki  
24 September 2009
- WATANABE, Toshihide  
D Pharm Sc, Kyoto University  
“Asymmetric Synthesis of Amino Acid Derivatives with Tetra-substituted Carbon via Memory of Chirality”  
Supervisor: Prof KAWABATA, Takeo  
23 March 2009

YAMAUCHI, Takae  
D Agr, Kyoto University  
“Structure and Function of Serine Racemase”  
Supervisor: Assoc Prof KURIHARA, Tatsuo  
23 July 2009

YUASA, Akihiro  
D Sc, Kyoto University  
“Construction of New Redox Systems Utilizing the Properties of  
Low-coordinated Heavier Group 14 Compounds”  
Supervisor: Prof TOKITOH, Norohiro  
23 March 2009