

THESIS

- SHIBATA, Hiroyuki
D Agr, Kyoto University
"Molecular Mechanism of Lipase Activator Protein from *Pseudomonas aeruginosa*"
Supervisor: Professor Oda J
23 January 1998
- YAMAZAKI, Norimasa
D Sc, Kyoto University
"On the Stereochemistry of Reduction of Nicotinamide Coenzyme Model Compounds"
Supervisor: Professor Ohno A
23 January 1998
- CHOO, Dong-Won
D Agr, Kyoto University
"Enzymological Studies of Lipases from Psychrotrophic Bacteria"
Supervisor: Professor Esaki N
23 January 1998
- KISHIMOTO, Kazuhisa
D Agr, Kyoto University
"Protein Engineering Studies of D-Amino Acid Aminotransferase"
Supervisor: Professor Esaki N
23 January 1998
- LIU, Li-Dong
D Agr, Kyoto University
"Structure, Function and Regulation of Glutamate Racemase"
Supervisor: Professor Esaki N
23 January 1998
- ODA, Masao
"Experimental and Theoretical Studies on Thermal Isomerization Reaction of Methyl 4-(Dimethylamino)benzenesulfonate in the Crystalline State"
Supervisor: Professor Sato N
23 March 1998
- SAKAI, Hiroshi
D Sc, Kyoto University
"Characterization of Molecular Orientation in Langmuir Monolayers on the Water Surface by Infrared External Reflection Spectroscopy"
Supervisor: Associate Professor Umemura J
23 March 1998
- OKA, Takahiro
D Pharm Sci, Kyoto University
"Studies on the New Atropisomer of Diaryl Ether-Type"
Supervisor: Professor Fuji K
23 March 1998
- SUZUKI, Hideo
"a-alkylation of Amino Acid Derivatives Based on Memory of Chirality"
Supervisor: Professor Fuji K
23 March 1998
- TAKASU, Kiyoshei
"Studies on the Structure and Function of the Compounds with *cis*-2,5-Diphenylpiperazine Skeleton"
Supervisor: Fuji K
23 March 1998
- ASAHARA, Masahiro
D Eng, Kyoto University
"The Chemistry of Neutral Hypercoordinate Oligosilanes"
Supervisor: Professor Tamao K
23 March 1998
- KANDO, Masaki
D Sc, Kyoto University
"Experimental Study of Electron Acceleration by Laser Wake Field"
Supervisor: Professor Noda A
23 March 1998.
- MURATA, Yasujiro
D Eng, Kyoto University
"Studies on Synthesis and Properties of Fullerene Derivatives Possessing Novel Structures"
Supervisor: Professor Komatsu K
23 March 1998
- KOBAYASHI, Naoya
D Sc, Kyoto University
"High Pressure Synthesis and Properties of Cupric Oxides with Alkaline Earth Elements"
Supervisor: TAKANO, M
24 March 1998
- POULSEN, Niels Jakob
D Sc, Kyoto University
"High Pressure Synthesis and Physical Properties of (Ba, K)V(S, Se)₃"
Supervisor: TAKANO, M
24 March 1998
- SAWA, Masaaki
D Agr, Kyoto University
"Studies on the Generation of Catalytic Antibodies for Chemiluminescence and Glycoside Hydrolysis"
Supervisor: Professor Oda J
25 May 1998
- AOYAGI, Amane
D Agr, Kyoto University
"Time-resolved Crystallographic Studies on Glutathione Synthetase"
Supervisor: Professor Oda J
25 May 1998
- GUTIERREZ, Aldo
D Agr, Kyoto University
"Role of Interdomain Loop of D-Amino Acid Aminotransferase"
Supervisor: Professor Esaki N
25 May 1998

PARK, Chung
D Agr, Kyoto University
“Enzymological Studies of Bacterial DL-2-Halo Acid Dehalogenases”
Supervisor: Professor Esaki N
25 May 1998

YAMASHITA, Atsuko
D Agr, Kyoto University
“Structural Basis for the Reaction of Tropinone Reductase-II Analyzed by X-ray Crystallography”
Supervisor: Professor Oda J
25 May 1998

KAWAGUCHI, Tatsuya
D Eng, Kyoto University
“Neutron Scattering Studies on Dynamics of Amorphous Polymers”
Supervisor: Professor Kaji K
25 May 1998

FUJIBUCHI, Wataru
D Sc, Kyoto University
“Analysis of Gene Clusters Based on Complete Genome Comparisons”
25 May 1998

OGATA, Hiroyuki
D Sc, Kyoto University
“Analysis of Genome Organization and Metabolic Pathways Based on a Network Comparison Technique”
25 May 1998

TOMII, Kentaro
D Sc, Kyoto University
“A Comparative Analysis of ABC Transporters in the Complete Genomes of Seven Microorganisms”
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“A Comparative Analysis of ABC Transporters in the Complete Genomes of Seven Microorganisms”
25 May 1998

FURUTA, Takumi
“Synthesis and Function of New Spiriral Molecules with Atropisomerism”
Supervisor: Fuji K
25 May 1998

SHANG, Mu-Hong
“Studies on the Creation of Quaternary Carbon Centers

via Addition-Elimination Process”
Supervisor: Fuji K
23 July 1998

SAKURAI, Minoru
“Development of New Optically Active Monodentate Phosphine Ligand”
Supervisor: Fuji K
23 July 1998

KITAYAMA, Takashi
D Sc, Kyoto University
“Asymmetric Syntheses with Microbes and Total Syntheses of Bioactive Substances”
Supervisor: Professor Ohno A
23 July 1998

LI, Yong-Fu
D Agr, Kyoto University
“Catalytic Mechanism of L-2-Haloacid Dehalogenase from *Pseudomonas* sp. YL”
Supervisor: Professor Esaki N
24 September 1998

IDE, Nobuhiro
D Eng, Kyoto University
“Studies on Cross-Linking and Gelation Processes in Polymer Systems”
Supervisor: Professor Miyamoto T
24 September 1998

TAKARAGI, Akira
D Eng, Kyoto University
“Studies on Synthesis and Properties of Some Novel Cello-Oligosaccharide and Cellulose Derivatives”
Supervisor: Professor Miyamoto T
24 September 1998

OKAMURA, Haruyuki
D Eng, Kyoto University
“Synthesis and Properties of Fullerene-Containing Polymers with Well-Defined Structures”
Supervisor: Professor Miyamoto T
24 November 1998

JIN, Ren-Zhi
D Eng, Kyoto University
“Functionalized Siloles and Their Application to Polysiloles”
Supervisor: Professor Tamao K
24 November 1998

YAJIMA, Ryuichi
D Sc, Kyoto University
“The Development of Highly-Sensitive Assay Method for the Activity of Neuropeptide-Processing Enzymes and Its Application: The Axonal Transport of These Enzymes in Rat Sciatic Nerves”
Supervisor: Professor Ohno A
24 November 1998

TANAKA, Yoko
D Eng, Kyoto University
“Theoretical and Experimental Studies on the Reactivities of Group 14 Inter-elements Compounds”

Supervisor: Professor Tamao K
24 November 1998

YOSHIDA, Yumi
D Sc, Kyoto University
“Electrochemical Understanding of Distribution of Ions
at Aqueous/Organic or Aqueous/Membrane Interfaces and
Membrane Potential”
Supervisor: Professor Matsui M

24 November 1998

TANO, Takanori
D Sc, Kyoto University
“Structural Characterization of Black Lipid Films in Air
by Fourier Transform Infrared Spectroscopy”
Supervisor: Associate Professor Umemura J
24 November 1998