

THESES

YAMAGUCHI, Koichiro

D Sc, Kyoto University

"The regularization of the basic x-ray absorption spectrum fine structure equation via the wavelet-Galerkin method"

Supervisor: Professor Mukoyama T

Tuesday 23 March 1999

Osawa, Daisuke

D Sc, Kyoto University

"K-shell internal ionization and excitation in β decay of ^{35}S "

Supervisor: Professor Mukoyama T

Wednesday 24 November 1999

IRIE, Satoshi

D Sc, Kyoto University

"The Effects of Molecular Shape on Organic Monolayer Epitaxy"

Supervisor: Professor Kobayashi T

24 May 1999

KAWASAKI, Shuji

D Sc, Kyoto University

"High Pressure Synthesis and Physical Properties of Fe^{4+} -containing Perovskite Type Oxide with Charge-transfer type Electronic structure"

Supervisor: Professor Takano M

23 March 1999

SAKIDA, Shinichi

D Eng, Kyoto University

"Studies on Structure of Tellurite Glasses"

Supervisor: Yoko T

23 March 1999

OHNO, Kohji

D Eng, Kyoto University

"Synthesis and Properties of Novel Types of Glycopolymers"

Supervisor: Professor Miyamoto T

23 March 1999

YAMADA, Kenji

D Eng, Kyoto University

"Controlled Synthesis of Glycopolymers by Living Polymerization Techniques"

Supervisor: Professor Miyamoto T

23 March 1999

TSUBAKI, Kazunori

D Pharm Sci, Kyoto University

"Creation of Functional Molecules Possessing Cyclic Polyether Moiety"

Supervisor: Professor Fuji K

25 January 1999

WATANABE, Toshiyuki

"Studies on Asymmetric Olefination Using Optically Active Phosphonate Reagents"

Supervisor: Professor Fuji K

23 March 1998

TANAKA, Akira

"Syntheses and Structure-Activity Relationship of New

Type of ACAT Inhibitors"

Supervisor: Fuji K

24 September 1998

HIDA, Kouichi

D Sc, Kyoto University

"Synthesis of Optically Active Alcohols Using Reductase from Bakers' Yeast"

Supervisor: Associate Professor Nakamura K

23 July 1999

KEURA, Yoshinori

D Pharm Sci, Kyoto University

"Studies on Syntheses and Stereochemistry of New Inhibitors of Tachykinin NK₁ Receptor"

Supervisor: Professor Sugiura Y

25 January 1999

INOUE, Teruhiko

D Pharm Sci, Kyoto University

"Chemical Clarification and Model Assembly of Cellular Signal Transmission and Transcription Reaction"

Supervisor: Professor Sugiura Y

23 March 1999

AIZAWA, Yasunori

D Pharm Sci, Kyoto University

"Recognition Mechanism of DNA Sequences by Dimer Proteins"

Supervisor: Professor Sugiura Y

23 March 1999

KUSAKABE, Tetsuya

D Pharm Sci, Kyoto University

"DNA Recognition and Strand Scission by Eneidyne Antitumor Antibiotic Dynemicin A"

Supervisor: Professor Sugiura Y

24 May 1999

SATAKE, Honoo

D Pharm Sci, Kyoto University

"Gene Sequences and Gene Expression of Bioactive Peptides from Mollusca and Annelida"

Supervisor: Professor Sugiura Y

24 November 1999

ASADA, Shinichi

D Med, Kyoto University

"The Effect of HSP47 on Prolyl 4-hydroxylation of Collagen Model Peptides"

Supervisor: Professor Nagata K

24 September 1999

NISHIYAMA, Akira

D Med, Kyoto University

"Identification of Thioredoxin-Binding Protein 2/Vitamin D₃ Up-regulated Protein 1 as a Negative Regulator of Thioredoxin Function and Expression"

Supervisor: Professor Yodoi J

24 November 1999

FUCHIKAMI, Yoshihiro

Enzymological Studies of Fragmentary D-Amino Acid Aminotransferases

D Agr, Kyoto University
Supervisor: Professor Esaki N
23 July 1999

MIHARA, Hisaaki
Enzymological Studies of Cysteine Desulfurase and
Selenocysteine Lyase
D Agr, Kyoto University
Supervisor: Professor Esaki N
24 September 1999

WATANABE, Akira
Mechanistic Studies of Alanine Racemase from *Bacillus*
stearothermophilus
D Agr, Kyoto University
Supervisor: Professor Esaki N
24 September 1999

KIHARA, Daisuke
D Sci, Kyoto University
Development of Method for Predicting Membrane
Proteins and Analysis of Their Distribution in Genomes
Supervisor: Professor Kanehisa M
24 May 1999

WATANABE, Tamaki
D Sci, Kyoto University
“Study of Beam Orbit and Development of High
Sensitivity Beam-Position Monitor for Orbit Correction
at the Heavy Ion Cooler Synchrotron TARN II”
Supervisor: Professor Noda A
23 March 1999