

## THESES

HWANG, Eui-Jeong  
D Eng, Kyoto University  
"Dynamic Birefringence and Viscoelasticity of Amorphous Polymer in the Glass Transition Zone"  
Supervisor: Professor Osaki K  
23 November 1994

SUZUKI, Mitsuko  
D Sc, Kyoto University  
"Ion Transfer from Water to Formamide, 1,2-Ethandiol or the Mixture of Formamide and Water Studied by Voltammetry for Ion Transfer at the Liquid/Liquid Interface"  
Supervisor: Professor Matsui M  
23 January 1995

ITOH, Shigeki  
D Agr, Kyoto University  
"Microbial Transformation of Oleic Acid and Stearic Acid"  
Supervisor: Professor Soda K  
23 January 1995

BAKTHAVATSALAM, Sundararaju  
D Agr, Kyoto University  
"Structure and Function of Thermostable and Halotolerant Leucine Dehydrogenases"  
Supervisor: Professor Soda K  
23 January 1995

LIU, Ji-Quan  
D Agr, Kyoto University  
"Structure and Function of Bacterial L-2-Halo Acid Dehalogenase"  
Supervisor: Professor Soda K  
23 February 1995

SHIMURA, Kenichi  
D Sc, Kyoto University  
"Study of Microstructures and Superconductivity of Ultrathin  $YBa_2Cu_3O_{7-\delta}$  Films"  
Supervisor: Professor Bando Y  
23 March 1995

FUJIHARA, Shinobu  
D. Eng, Kyoto University  
"Studies on the Synthesis, Properties and Chemical Modification of Superconducting Oxides"  
Supervisor: Professor Yoko T  
23 March 1995

HASHINMOTO, Tadanori  
D. Eng, Kyoto University  
"Studies on Third-Order Nonlinear Optical Properties of Transition Metal Oxide Thin Films Prepared by Sol-Gel Method"  
Supervisor: Professor Yoko T  
23 March 1995

OKAMOTO, Hirota  
D Eng, Kyoto University  
"Studies of Relaxation in Solid Polymers by Dynamic Mechanical and Birefringence Measurements"  
Supervisor: Professor Osaki K  
23 March 1995

TAKADA Akihiko

D Eng, Kyoto University  
"Thermotropic Liquid Crystals of Cellulose and Cellooligosaccharide Derivatives"  
Supervisor : Professor Miyamoto T  
23 March 1995

KONDO Shin-ichi  
D Sci, Kyoto University  
"Stereochemical Control in Microbial Reduction "  
Supervisor: Prof, A. Ohno  
23 March 1995

MARUYAMA Tetsushi  
D Sci, Kyoto University  
"Diaminotetracarboxylate-Type Chelators: Synthesis, Structure, and Selectivity for Affinity to Metal Ions"  
Supervisor: Prof, A. Ohno  
23 March 1995

UESUGI, Motonari  
D Pharm Sc, Kyoto University  
"Studies on DNA Recognition and Strand Scission by Antitumor Antibiotics, Esperamicin A<sub>1</sub> and Elsamicin A"  
Supervisor : Professor Sugiura Y  
23 March 1995

OGIWARA, Atsushi  
D Sci, Kyoto University  
"Construction and Analysis of a Profile Library Characterizing Groups of Structurally Known Proteins"  
Supervisor: Professor Kanehisa M  
23 March 1995

SUYAMA, Mikita  
D Agr, Kyoto University  
"Searching for evolutionary relationships among functionally related enzymes"  
Supervisor : Professor J.Oda  
23 May, 1995

TCHORZEWSKI, Marek  
D Agr, Kyoto University  
"Structure and Function of Nitroalkane Oxidizing Flavoenzymes"  
Supervisor: Professor Soda K  
23 May 1995

NAGAI, Atsuko  
D Agr, Kyoto University  
"Enzymological and Molecular Biological Studies of Cabbage Histidinol Dehydrogenase"  
Supervisor: Professor Soda K  
23 May 1995

DAIJIRO, Hagiwara  
D Pharm Sc, Institute for Chemical Research Kyoto University  
"Studies on the Antagonist of Substance P Having Di-And Tripeptide Structure"  
Supervisor: Prof. Kaoru Fuji  
23 May 1995

Bo, Li  
D Pharm Sc, Institute for Chemical Research Kyoto University

"Studies on New Diterpenoids form Taxus Species in China"

Supervisor: Prof. Kaoru Fuji  
23 May 1995

NISHIYAMA, Hiroko

D Agr, Kyoto University

"Enzymological Characterization and Application of Aliphatic Amino Acid Dehydrogenases"

Supervisor: Professor Soda K  
24 July 1995

AZUMA, Masaki

D Sc, Kyoto University

"High Pressure Synthesis of Cupric Oxides Having Quantum Spin Properties"

Supervisor: Professor Takano M  
25 September 1995

ZHAO, Gaoling

D. Eng, Zhejiang University (China)

"Sol-Gel Preparation and Optical and Photoelectrochemical Properties of Oxide Composite Films Containing Metal Nanoparticles"

Supervisor: Professor Yoko T  
23 November 1995

SUGIURA Makoto

D Eng, Kyoto University

"Discotic Liquid Crystals Based on Chito- and Cello-oligosaccharides"

Supervisor : Professor Miyamoto T  
24 November 1995

NARDI-DEI, Vincenzo

D Agr, Kyoto University

"L- and DL-2-Halo Acid Dehalogenases from Pseudomonas Bacteria: Structures and Catalytic Functions"

Supervisor: Professor Soda K  
24 November 1995

WATANABE, Mutsumi

D Agr, Kyoto University

"Breeding of Sake Yeast and Its Brewing Properties"

Supervisor: Professor Soda K  
24 November 1995

ONDA, Masaaki

D Agr, Kyoto University

"Molecular Genetics of Glycophorin A Gene Family"

Supervisor: Professor Soda K  
24 November 1995