

PhD Dissertation (December 2006 – September 2007)

Hiroshima University has granted the Doctor's degree to the following researchers.
The list is only concerned with the Graduate School of Biosphere Science.

DEPARTMENT OF BIOFUNCTIONAL SCIENCE AND TECHNOLOGY



Studies on quantification of genetically modified organisms using the capillary-type real-time PCR system

TOYOTA, Akie (March 23, 2007 / Doctor of Agriculture)

DEPARTMENT OF SCIENCES FOR BIOSPHERIC COEXISTENCE



A Study of the effects of the Internet in bonding persons and leading to social participation: from a viewpoint of the Social capital framework

FURUTANI, Kaichiro (March 23, 2007 / Doctor of Philosophy)

Psychophysiological study of the function of sleep for visuomotor learning

TAMAKI, Masako (March 23, 2007 / Doctor of Philosophy)

Nucleation Mechanism Solved by First Direct Observation by Small Angle X-ray Scattering on Polymers

OKADA, Kiyoka (March 23, 2007 / Doctor of Philosophy)

Studies on cerebellar control of swimming in fish

MATSUMOTO, Norihisa (March 23, 2007 / Doctor of Philosophy)

Prospect of Consumer Co-operatives including New Co-operatives

OKAMURA, Nobuhide (March 23, 2007 / Doctor of Philosophy)

Decentralization and Participatory Approach in Fisheries Management: Case Studies in Chile and Japan

Luis Francisco Oliva Turbis (March 23, 2007 / Doctor of Philosophy)

Export orientation towards the regional and international markets: Case of Japanese seafood market and the seafood industry of Sri Lanka

Devarahandhi Achini Melda De Silva (March 23, 2007 / Doctor of Philosophy)

Wantana Chenkitkosol (March 23, 2007 / Doctor of Philosophy)

Stratigraphy and depositional environment of the Neogene Taishu Group in the northern area of the Tsushima Islands, Japan, with special reference to tectonic disturbance of the Japan Sea opening

YAMAGUCHI, Yuya (September 30, 2007 / Doctor of Philosophy)

DEPARTMENT OF BIORESOURCE SCIENCE AND TECHNOLOGY

Studies on hormonal and clinical aspects of pregnancy and parturition in dairy cattle

Kapil Deo Shah (March 23, 2007 / Doctor of Philosophy)

The molecular biological study of functional change of cumulus cells during meiotic resumption of porcine oocyte

YAMASHITA, Yasuhisa (March 23, 2007 / Doctor of Agriculture)

Carbonization characteristics of biomass treated in superheated steam combined with far infrared heating

ISA, Akiko (March 23, 2007 / Doctor of Agriculture)

Study on the degradation mechanism of troponin T during postmortem aging of pork

KITAMURA, Shinichi (March 23, 2007 / Doctor of Agriculture)

Molecular mechanism of gene amplification mediated by the plasmid bearing an IR and a MAR

HASHIZUME, Toshihiko (March 23, 2007 / Doctor of Philosophy)

Chemical ecology of the mating system of danaid butterflies

HONDA, Yasuyuki (March 23, 2007 / Doctor of Philosophy)

Inhibition mechanisms by monoclonal antibody in prion propagation

MIYAMOTO, Kazuyoshi (March 23, 2007 / Doctor of Philosophy)

Studies on Caligiform Copepods (Crustacea: Copepoda: Siphonostomatoida)

Parasitic on Fishes in the West Pacific, With a Special Reference to the Taxonomic, Microbiological and Toxicological Aspects

Balu Alagar Venmathi Maran (September 30, 2007 / Doctor of Agriculture)

Studies on the Applications of Industrial Yeasts to Food Industry Based on their Characterizations

KAWAHATA, Miho (September 30, 2007 / Doctor of Agriculture)

Estimation of symbiotic fungal biomass in ectomycorrhiza

KINOSHITA, Akihiko (March 23, 2007 / Doctor of Philosophy)

Effect of the difference in the vegetation or tree thinning grade on water retaining capacity (porosity, maximum water holding capacity and net water holding capacity) at forest soils in the upstream basin of the Yoshino River

KANEYUKI, Etsuko (March 23, 2007 / Doctor of Philosophy)

Quantitative evaluation of the contribution of plant growth to reduction of nitrate leaching

HASHIMOTO, Maho (March 23, 2007 / Doctor of Agriculture)

Modeling the Relationship between River Water Quality and Environmental Factors in the Basins of the Chugoku District, West Japan

Banman Jabbarian Amiri (March 23, 2007 / Doctor of Philosophy)

Phylogenetic diversity and distribution of genes relevant to sulfate reduction and methane production in deep-sea sediments

KANEKO, Ryou (March 23, 2007 / Doctor of Agriculture)

Evolutionary biological studies on the mutual interaction between genus *Brevipalpus* and microorganism *Cardinium*

CHIGIRA, Atsushi (March 23, 2007 / Doctor of Philosophy)

Diversity and distribution of the functional genes relevant to methane oxidation in the sea

HAYASHI, Tohru (March 23, 2007 / Doctor of Agriculture)

DISSERTATION PhD

Studies on oocyte activation and application to intracytoplasmic sperm injection by sperm extracts

MATSUURA, Daizou (December 25, 2006 / Doctor of Agriculture)

Physiological and psychological study of spontaneous wheel running in rats

NAKAO, Masahiro (March 5, 2007 / Doctor of Agriculture)

Acceleration Mechanism of Nucleation of Polymers by Nucleating Agent

URUSHIHARA, Tsuyoshi (March 5, 2007 / Doctor of Philosophy)

Cloning and Molecular Characterization of chicken IL-13 and its $\alpha 2$ receptor

MIYOSHI, Miki (March 5, 2007 / Doctor of Philosophy)

Analysis of factors of cold-weather tolerance to low temperatures during flowering stage and application to breeding in soybeans in Hokkaido

KUROSAKI, Hideki (March 5, 2007 / Doctor of Philosophy)

Studies on nutritional and brewing characteristics of the sake yeast

SHOUBAYASHI, Megumi (September 10, 2007 / Doctor of Philosophy)

Mechanisms for contraction-induced alterations in sarcoplasmic reticulum function

MISHIMA, Takaaki (September 10, 2007 / Doctor of Agriculture)

The analysis of social and biological factors of the pine forest decline

OKABA, Hiroto (September 10, 2007 / Doctor of Philosophy)