

Project for Spread and Establishment of Tenure Track System,
A Grant-in-aid for Development of Human Resources in Science and Technology,
Ministry of Education, Culture, Sports, Science and Technology

The Third Symposium for Different Fields Exchange by Tenure Track Researchers in Tokyo University of Marine Science and Technology

The Front Line in Fisheries Science: Biosciences and Environmental Sciences in Fisheries

Program

Session I :

Aquatic invertebrates in a changing environment

9:00 Long-term effects of the toxic dinoflagellate species *Karenia brevis* on ecologically and economically important shellfish species: Role of climate change

Dr. Aswani VOLETY, College of Arts and Sciences, University of North Carolina at Wilmington, U.S.A

9:30 Weekly monitoring of eukaryote biodiversity using metagenome technology in Okhotsk Sea, Japan

Dr. Satoshi NAGAI, Research Center for Aquatic Genomics, National Research Institute of Fisheries Science (NRIFS), Japan Fisheries Research and Education Agency, JAPAN

10:00 Integrated multi-trophic Aquaculture (IMTA), can theory meet practice?

Dr. Satoshi WATANABE, National Research Institute of Aquaculture (NRIA), Japan Fisheries Research and Education Agency, JAPAN

10:30 Production and decomposition dynamics of suspended particulate organic matter and its contribution to hypoxia in a macro tidal estuary

Dr. Masashi KODAMA, Fisheries Division, Japan International Research Center for Agricultural Sciences(JIRCAS), JAPAN

11:00 Application of a pulse-amplitude-modulation (PAM) fluorometry to monitoring harmful algal blooms

Dr. Kazuhiko KOIKE, Graduate School of Biosphere Science, Hiroshima University, JAPAN

11:30 Effects of harmful algal blooms and climate change on shellfish

Dr. Leila Basti, The Graduate School of Maritime Science and Technology, Tokyo University of Marine Science and Technology, JAPAN

Session II :

Current Immunology and Immunopathology of Aquatic Animals

13:00 Antigen-presenting cells in fish

Dr. Carolina TAFALLA, Fish Immunology and Pathology group, Animal Health Research Center (CISA-INIA), SPAIN

13:30 Interleukin 8-inducible inflammation: the cause of hepatitis in edwardsiellosis

Dr. Osamu KURATA, Faculty of Veterinary Science, Nippon Veterinary and Life Science University, JAPAN

14:00 Cytosolic pattern recognition system in fish

Dr. Jun-ichi HIKIMA, Department of Biochemistry and Applied Biosciences, Faculty of Agriculture, University of Miyazaki, JAPAN

14:30 Mucus antibody of fugu *Takifugu rubripes* is utilized by a monogenean parasite *Heterobothrium okamotoi* for host recognition

Dr. Shigeyuki TSUTSUI, School of Marine Biosciences, Kitasato University, JAPAN

15:00 Roles of fish basophils against parasitic infections

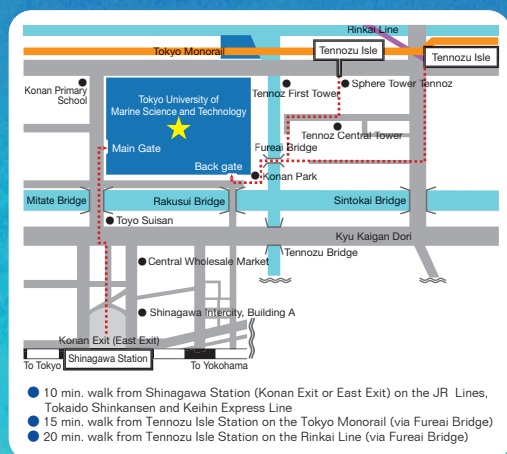
Dr. Tomoyuki ODAKA, Faculty of Marine Bioscience, Fukui Prefectural University, JAPAN

15:30 Antigen sampling cells in gill mucosal epithelium of fish

Dr. Goshi KATO, The Graduate School of Maritime Science and Technology, Tokyo University of Marine Science and Technology, JAPAN

17:00 Symposium banquet at the university hall

(There is a charge for JPY 3,000)



11, November 2016

Shinagawa Campus, Main Lecture Room
Tokyo University of Marine Science and Technology

Admission Free

For Inquiry:

Goshi KATO, Tokyo University of Marine Science and Technology

Tel:03-5463-0462 E-mail: gkato00@kaiyodai.ac.jp

Leila BASTI, Tokyo University of Marine Science and Technology

Tel:03-5463-0732 E-mail: lbasti1@kaiyodai.ac.jp