

“Innovative Technology and Globalization of Tuna Aquaculture”

The Final GLOBAL COE International Symposium of Kinki University in Kushimoto, 2012

Date: November 23 ~ 24, 2012

Venue: Royal Hotel, Kushimoto, Wakayama, Japan Tel: 0735-62-7771

PROGRAM (a proposal)

Friday, November 23

Chairman : **Prof. Takii Kenji**, Sub-Leader of Global COE Program

We hold a poster session from 9:30 to 18:00. We welcome at any time.

Part 1 : Opening Ceremony (in Japanese with English translation)

Greetings of Sponsor

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| 10:00~10:10 | MHC. Hiroshige SEKOU | Chairman of Trustee Board, Kinki University, Japan |
| 10:10~10:20 | Prof. Hitoshi SHIOZAKI | President, Kinki University, Japan |
| 10:20~10:30 | Prof. Hidemi KUMAI | Leader of Global COE Program, Kinki University, Japan |

Greetings of Guests

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|-------------|------------------------------|--|
| 10:30~10:40 | Mr. Yoshinobu NISAKA | Governor of Wakayama Prefecture, Japan |
| 10:40~10:50 | Mr. Katsumasa TASHIMA | Mayor of Kushimoto Town, Japan |

10:50~11:00 **Coffee Break**

Part 2 : Research Reports (in English with Japanese translation)

Session-I : Present Status and Innovative Technology of Tuna Aquaculture

◆ **Reports on Pacific Bluefin Tuna from Kinki University**

Chairman : **Prof. Toru KOBAYASHI**

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| 11:00~11:25 | Prof. Yoshifumi SAWADA , Artificial fingerling production group Recent technological advances in Pacific bluefin tuna fingerling production. |
| 11:25~11:50 | Prof. Yasunori ISHIBASHI , Aquaculture group Development of feeding technology, formula diet and parasite countermeasure for Pacific bluefin tuna. |
| 11:50~12:15 | Prof. Wataru SAKAMOTO , Environmental group Effect of food and temperature on survival rate of cultured juvenile bluefin tuna. |
| 12:15~13:30 | Lunch (provided) |

Chairman : **Dr. Yasushi MITSUNAGA**

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| 13:30~13:55 | Prof. Yukio KAWAMURA , Application and safety group Hepatoprotective action of dietary bluefin tuna skin proteins on CCL ₄ -intoxicated mice. |
| 13:55~14:20 | Dr. Masahiko ARIJI , Distribution and risk analysis group The subject and the method in industrialization of full cycle aquaculture of tunas in Japan, with the strategy to the global market. |

◆ Other Tunas

Chairman : **Dr. Yasunori ISHIBASHI**

- 14:20~14:45 **Dr. Jennifer COBCROFT**, Australia
“Investigating the larval culture requirements of Southern bluefin tuna *Thunnus maccoyii*, for aquaculture in Australia.”
- 14:45~15:10 **Dr. Chris BRIDGES**, European union
European Contributions to Sustainable ABFT Aquaculture – Past, Present and Future. Broodstock Management, Induction and Larval Rearing.
- 15:10~15:25 **Coffee Break**
- 15:25~15:50 **Dr. Daniel MARGULIES**, IATTC/USA
“Studies of the reproductive biology and early life history of yellowfin tuna conducted at the IATTC’s Achotines Laboratory, Republic of Panama, with some preliminary results of comparative studies of the early life history of Pacific bluefin conducted in Japan.”

Session-II: Globalization of Tuna Aquaculture

Chairman : **Prof. Minoru TADA**

- 15:50~16:15 **Dr. Ichiro NOMURA**, Former Assistant Director-General of the Fisheries and Aquaculture Department of the Food and Agriculture Organization (FAO) of the United Nations
Sustainable World Fisheries—Elements of Success—
- 16:15~16:40 **Dr. Gina L. SHAMSHAK**, USA
Assessing the Feasibility of Bluefin Tuna Aquaculture in the U.S; Opportunities, Challenges, and Future Directions.

Closing Remarks

- 16:40~16:50 **Prof. Hiromi OHTA** Sub-Leader of Global COE Program

Part 3: Party

- 18:00~20:00 **Greeting: Prof. Shigeru Miyashita**
Party arranged by the Global COE Program of Kinki University

Saturday, November 24

- 13:00~18:00 **Excursion**
Adventure for Bluefin Tuna Aquaculture and World Heritages in Historical Kumano, Southern Wakayama, Japan

ORGANIZING COMMITTEE

- Prof. Shigeru Miyashita ----Chair
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Prof. Toru Kobayashi --- Member
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