

**Goro YOSHIZAKI, Associate Professor of Fish Physiology, Department of Marine Biosciences, Tokyo University of Marine Science & Technology, Tokyo, Japan, 108-8477**

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#### **a. Professional Preparation**

Tokyo University of Fisheries, Japan	Aquaculture	B.Sc., 1988
Tokyo University of Fisheries, Japan	Aquaculture	M.Sc., 1990
Tokyo University of Fisheries, Japan	Aquaculture	Ph.D., 1993
Texas Tech University, TX	Postdoctoral Fellow	1993-1995

#### **b. Appointments**

Director of Oizumi Research Station (2003- present), Tokyo University of Marine Science & Technology, Tokyo, Japan.

Associate Professor of Fish Physiology (2003- present), Department of Marine Biosciences, Tokyo University of Marine Science & Technology, Tokyo, Japan.

Assistant Professor of Aquaculture (1995- 2003), Department of Aquaculture, Tokyo University of Fisheries, Tokyo, Japan.

#### **c. Publications ( 7 of 91)**

Yano, A., Suzuki, K., Yoshizaki, G. 2008. Flow-cytometric isolation of testicular germ cells from rainbow trout (*Oncorhynchus mykiss*) carrying the green fluorescent protein gene driven by trout vasa regulatory regions. *Biology of Reproduction*, 78, 151-158.

Okutsu, T., Shikina, S., Kanno, M., Takeuchi, Y., Yoshizaki, G. 2007. Production of trout offspring from triploid salmon parents. *Science*, 317, 1517.

Sawatari, E., S.Shikina, T.Takeuchi, and G.Yoshizaki. 2007. A novel transforming growth factor-  $\beta$  superfamily member expressed in gobadal somatic cells enhances primordial germ cell and spermatogonial prelfiration in rainbow trout (*Oncorhynchus mykiss*). *Developmental Biology*, 301, 266-275.

Okubo K, Sakai F, Lau EL, Yoshizaki G, Takeuchi Y, Naruse K, Aida K, Nagahama Y. 2006. Forebrain gonadotropin-releasing hormone neuronal development: insights from transgenic medaka and the relevance to X-linked Kallmann syndrome. *Endocrinology*, 147,1076-1084.

Okutsu, T., Suzuki, K., Takeuchi, Y., Takeuchi, T., Yoshizaki, G. 2006. Testicular germ cells can colonize sexually undifferentiated embryonic gonad and produce functional eggs in fish. *Proceedings of the National Academy of Sciences*, 103, 2725-2729.

Yoshizaki, G., Tago, Y., Takeuchi, Y., Sawatari, E., Kobayashi, T., Takeuchi, T. 2005. Green fluorescent protein labeling of primordial germ cells using a nontransgenic method and its application for germ cell transplantation in Salmonidae. *Biology of Reproduction*, 73,88-93.

Takeuchi, Y., Yoshizaki, G., Takeuchi, T. 2004. Surrogate broodstock produces salmonids. *Nature*, 430, 629-630.

#### **d. Synergistic Activities**

none

#### **e. Collaborators & Other Affiliations**

##### **i) Collaborators and Co-Editors.**

Aida, Katsumi, Tokyo University of Agriculture, Tokyo, Japan  
 Cloud, Joseph, University of Idaho  
 Devlin, Robert, Fisheries and Oceans Canada  
 Hayakawa, Yoichi, International Christian University, Tokyo, Japan  
 Kagawa Hirohiko, Miyazaki University, Miyazaki, Japan  
 Kobayashi, Makito, International Christian University, Tokyo, Japan  
 Okubo Kataaki, National Institute for Basic Biology, Okazaki, Japan  
 Nagahama Yoshitaka, National Institute for Basic Biology, Okazaki, Japan  
 Patino Reynaldo, Texas Tech University, Lubbock, TX  
 Schulz, Rüdiger, University of Utrecht, Utrecht, Nethrland  
 Swanson, Penny, National Marine Fisheries Service, NOAA, Seattle, WA

##### **ii) Graduate Advisors and Postdoctoral Sponsors.**

Takashima Fumio; Tokyo University of Fisheries, Tokyo, Japan  
 Reynaldo Patino; Texas Tech University, Lubbock, TX

##### **iii) Thesis Advisor and Postgraduate-Scholar Sponsor.**

Alimudin (Ph.D.; currently faculty at Bogor Agricultural University, Indonesia)  
 Boonanuntanasarn Surinton (Ph.D.; currently faculty at Suranaree University of Technology)  
 Kannno, Megumi (current M.S. candidate; Tokyo University of Marine Sci. & Tech.)  
 Kobayashi, Terumasa (Ph.D.; Kobayashi Pharma)  
 Kobayashi, Shinichiro (M.S.; The Ministry of Agriculture, Forestry and Fisheries of Japan)  
 Morita Tetsuro (Ph.D.; Nippon Suisan Kaisha, Ltd.)  
 Nagasawa Kazue (current Ph.D. candidate)  
 Ohashi Hiroshi (current PDF; Tokyo University of Marine Sci. & Tech.)  
 Okutsu, Tomoyuki (Ph.D.; Japan International Research Center for Agricultural Sciences)  
 Sawatari Etsuko (Ph.D., Nagoya University)  
 Tago Yasuko (M.S.; Nihon Seihun, Ltd.)  
 Takeuchi Yutaka (Ph.D.; currently faculty of Tokyo University of Marine Sci. & Tech.)  
 Yano Ayaka (current Ph.D. candidate)  
 Yamamoto Yoji (current PDF; Tokyo University of Marine Sci. & Tech.)  
 Yazawa Ryosuke (current PDF; Tokyo University of Marine Sci. & Tech.)

Graduate students advised = 12; Postdoctoral fellows sponsored = 3.