



Assistant Professor (Fisheries)

School of Agriculture and Rural Development (SARD)
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Area of Specialization and Research Interest

Molecular Cell Biology, Aquatic Biodiversity; Interested in Open and Blended Learning

Education Qualification

- **2006- 2009:** PhD from the Graduate School of Science and Engineering, Saitama University, Saitama, Japan under MEXT Fellowship Program.

Thesis: *Identification, localization and characterization of a novel protein derived from pituitary tumor cell line*

- **2003- 2004:** MS in Fisheries Biology and Genetics from the Dept. of Fisheries Biology and Genetics, Bangladesh Agricultural University, Mymensingh.

Thesis: *Bioavailability of benthos in Ghawa Beel: relationship with physico-chemical parameters*

- **1996- 2000:** BSc in Fisheries (Hons.) from the Faculty of Fisheries, Bangladesh Agricultural University, Mymensingh.

Professional Experience

2013- to date : **Assistant Professor (Fisheries)**

2011- 2013 : **Lecturer (Fisheries)**

Organization : School of Agriculture and Rural Development, Bangladesh Open University, Board Bazar, Gazipur-1705, Bangladesh

Responsibilities : Teaching and developing course materials on fisheries and aquaculture; beyond academic responsibilities, also involved in CPFIP program as Program Coordinator; Other responsibilities includes Coordinator (Publishing, Printing and Distribution Division of BOU), and Member of school committee

Selected Publications (up to 10)

1. AHM Shamim, R Bari and **S Devnath**. Krishi shikkha-2nd part for class XI –XII. 1st edition, Sonali Sopan Publishing, Bangla bazar, Dhaka. 341pp. **(2016)**
2. M Osuna, Y Sonobe, E Itakura, **S Devnath**, T Kato, Y Kato, and K Inoue. Transdermal differentiation capacity of pituitary folliculo-stellate cells and brain astrocytes. *Journal of Endocrinology* 213, 231-237. **(2012)**
3. **Sukumar Devnath**, Taro Kataoka, Kaoru Miura, Mie Kusuda, Kunio Kitamura, Yuko Kumada, Akikazu Mochiduki, Kei Kaneko, Akihito Adachi, Kinji Inoue. *Cgr11* encodes a secretory protein involved in cell adhesion. *European Journal of Cell Biology* 88, 521-529. **(2009)**
4. Mochiduki A, **Devnath S** and Inoue K. Prolactin-releasing peptide. In: Squire LR (ed.) **Encyclopedia of Neuroscience**, volume 7, pp.1133-1138. Oxford: Academic press. **(2009)**
5. **S. Devnath** and K. Inoue. An insight to pituitary folliculo-stellate cells. *Journal of*

Neuroendocrinology 20, 687-691. (2008)

6. Kotaro Yokoyama, Mahoko Hayashi, Chihiro Mogi, Yoshihiro Sasakawa, Gen Watanabe, Kazuyoshi Taya, **Sukumar Devnath**, and Kinji Inoue. Dose-dependent effects of a glucocorticoid on prolactin production. *Endocrine Journal* 55 (2), 405-414. (2008)
7. Borun Kumar Mondal, **Sukumar Devnath**, Dinesh Chandra Shaha, Mohammed N. A. Khan, and Jae-Suk Choi. Relationships between Fecundity and Total Length, Body Weight, Ovary Length and Ovary Weight of Hilsa, *Tenualosa ilisha* Hamilton in Patuakhali, Bangladesh. *Journal of Fisheries Science and Technology* 11 (2), 98-102. (2008)
8. Mihai Sun, Young Chul Kim, Okorie Eme Okorie, Seunghyung Lee, **Sukumar Devnath**, Gwangyeol Yoo, Sungchul C. Bai, and Yong Kil Jo. Evaluation of fermented soybean curd residues as an energy source in diets for juvenile Olive Flounder, *Paralichthys olivaceus*. *Journal of the World Aquaculture Society* 38 (4), 536-542. (2007)
9. Mihai Sun, Young Chul Kim, Okorie Eme Okorie, **Sukumar Devnath**, Gwangyeol Yoo, Seunghyung Lee, Yong Kil Jo, and Sungchul C. Bai. Use of fermented fisheries by-products and soybean curd residues mixture as a fish meal replacer in diets of juvenile Olive Flounder, *Paralichthys olivaceus*. *Journal of the World Aquaculture Society* 38 (4), 543-549. (2007)
10. **S. Devnath**, M.Y. Sarker, F. Ayub, and M.A.R. Hossain. Relationship of benthos and physico-chemical parameters in Gawha beel, Chapai Nawabganj. *Progressive Agriculture* 17 (2), 155-164. (2006)

Recognition and Merit Awards

- 2009- 2011** **Post Doctoral Fellowship (Japanese Government)** From November 1, 2009 to March 31, 2011 as a Research Scientist to carry out research on brain peptides in the Department of Pharmacology, Kagoshima University Graduate School of Medical and Dental Sciences, Kagoshima, Japan.
- 2006- 2009** **Monbukagakusho Scholarship (Japanese Government: MEXT Scholarship)** From October 1, 2006 to September 30, 2009 as a Doctoral Student to carry out Doctoral level study in the Graduate School of Science and Engineering, Saitama University, Saitama, Japan.
- 2006** **JS International Foundation Scholarship** (JS Foundation, Busan, Republic of Korea)

Country Visited

Republic of Korea (South Korea)- 2005
Japan- 2006
United States of America- 2008
Kingdom of Thailand-2011
Malaysia-2012
India-2012
China-2015

Professional Affiliations

- **Member:** Krishibid Institute, Dhaka
- **Member:** World Aquaculture Society, USA
- **Member:** The Endocrine Society, USA