



Dr. Subarna Ghosh

- **Current position:** STATE AIDED COLLEGE TEACHER CATEGORY-I
- ✓ Phone Number: +919432470736 (M); 033-2582-2244 (R)
- ✓ Email Address: subarnag86@gmail.com
- **Qualification:** PhD in Science (Zoology), Post-doctoral from Yamaguchi University Japan
- **Specialization:** Cytogenetics and Molecular Biology, Biotechnology and Molecular Toxicology
- **Research field:** Parasitology, Microbiology, Systematics, Cellular expression at molecular level with Immunobiological expressions in vertebrate models.

- **Research projects:**

2019-2021-Working as a **project member in Indo-Hungarian project** on Etiopathology of myxozoan infection in fresh water edible fishes and its prospective control using plant based aqua soluble drugs sanctioned to Prof. Probir Kumar Bandyopadhyay of University of Kalyani, Dept of Zoology under DST govt of India INDO-HUNGARIAN research grants.

2018-2019: Post-doctoral research on “Fish Microbial as Well As Protozoan Diseases Of India And Japan: Challenge And Its Prospective Control Using Plant Based Aqua Soluble Drugs” jointly from Parasitology Laboratory University of Kalyani, Department of Zoology and **Yamaguchi University, Japan** under 2018-2019- **International Grants for research collaboration between Japan and India**

2012-2016: Completed **UGC Major Research Project** entitled, “Diagnostic studies on the occurrence of some protozoan, bacterial, and fungal diseases of common edible fishes of West Bengal with special emphasis on their control by locally available plant bio-molecules for improvement of fish health.”

2011-2012: A project on Identification of *Culex vishnui* (Diphtheria: Culicidae) the Potent Vector of Japanese Encephalitis by SEM with Special Reference to its Green Control” funded by **DST (PURSE) New Delhi**

- **Fellowship received:**

- ✓ **2019-**Matsumae Fellowship
- ✓ **2018-**International Grants for research collaboration between Japan and India
- ✓ **2012-2016-**UGC Major Research Project fellowship
- ✓ **2011-** DST PURSE

Total publication 19 (17 JOURNALS 2 BOOK CHAPTERS)

- ✓ **Best 5 publications:**

1. U. Goswami , K. Molnar, G. Cech , J.C. Eiras , P.K. Bandyopadhyay , **S. Ghosh** Czegl'edi , C. Sz'ekely (2021), Evidence of the American *Myxobolus dechtiari* was introduced along with its host *Lepomis gibbosus* in Europe: Molecular and histological data, **International Journal for Parasitology: Parasites and Wildlife**, <https://doi.org/10.1016/j.ijppaw.2021.04.005> Volume 15, Pages 51-57, **ELSEVIER**
2. Muchammad Yunus, Ph.D.; Lita Rkhma Yustinasari, M.Sci.; Dian Natalia, M.Sci.; **Subarna Ghosh, Ph.D.**; Kaishi Sakuma, B.Sci.; Ken Inoue, Ph.D.; Hiroshi Sato, Ph.D. (2021) First report of three multivalvulid species (Cnidaria: Myxozoa: Myxosporae) in commercial fishes from Java Sea, Indonesia, with a description of *Unicapsula pyramidata* and two new *Kudoa* spp. "**Parasitology research**, <https://doi.org/10.1007/s00436-020-07030-6> / 120:861–876120, **SPRINGER**
3. Ken Inoue, B.Vet.Med.; Ying-Chun Li, **Subarna Ghosh**, Muchammad Yunus, ; Jin-Yong Zhang,.; Hiroshi Sato (2021) "Identification of a new species, *Unicapsula aequilobata* n. sp., and *Unicapsula seriola* (Myxozoa: Myxosporae: Multivalvulida) in carangid fish from the South China Sea" **Parasitology research** , **SPRINGER**
4. Bercsényi M, Csaba S, Bandyopadhyay PK and **Ghosh S** (2020) A look at West Bengal fisheries as part of a bilateral project., article in **Hungarian Newspaper Halászati**
5. **Subarna Ghosh** and Probir K. Bandyopadhyay (2018) Molecular characterization of newly identified *Klebsiella* PKBSG14 and analysis of its effect on immune response and cell cycle progression using common catfish (*Channa punctatus*) as model.. **Microbial Pathogenesis ELSEVIER**; [http// doi.org/101016/j.micpath.2018.12.026](http://doi.org/101016/j.micpath.2018.12.026), 2019 Feb; 127:368-379.

- **Awards:**

□ **2014-**Awarded cash prize of Rupees One hundred US dollar by Korean Society of Protistologists for best oral presentation in 2nd Asian Congress On Protistology And 9th Asian Conference On Ciliate Biology 27-29TH November'2014, India

□ **2013-**2nd Best poster presentation award in National conference on Challenges in Biodiversity and Resource Management, Organized by Department of Zoology, University of Kalyani, India

□ **2012-**Prof. Vireshwar Nath Capor Young Scientist Gold medal for best oral presentation at the National Symposium at University of Allahabad, Allahabad 17-18th March '2012.