

## List of Publications – Zoology

### A) PRESENT FACULTY

#### Dr. Jayati Ghosh

##### Peer Reviewed Journal:

“Atypical response of virus energized jute (*Corchorus olitorius*) seeds in producing higher fibre yield with sustainability under different agro-ecological situations”, N. Dey, **J. Sinha Choudhury (Ghosh)**, D. Pathak, R. K. Paikaray, S. K. Mohanty, A. K. Jana, D. J. Chattopadhyay and S.K. Ghosh, *J. Mycopathol. Res.* [ISSN 0971-3719], 2012, **50** (1), 19-25.

##### Other Journals:

1) “Wolbachia: Potential Targets for Control of Filariasis”, **J. Ghosh**, *Conscientia* [ISSN 2278-6554], 2011, **1** (2), 24-32.

2) “Profile of Aerobic Bacteria Associated with Gut Regions of Cockroach *Periplaneta Americana*”, **J. Ghosh** and R. Gachhui, *Proceedings of the National Conference of Challenges in Biodiversity Conservation and Resource Management*, 2013, In Press.

#### Ivy Kundu

##### Peer Reviewed Journals:

1) “A Preliminary Survey of Biomedical Wastes Generation and Management in District Malda - A Case Study”, P. Barman, **I. Kundu** and D. Ray, *Recent Advances in Animal Science Research* [ISBN 81-88094-02-9], 2011, Vol. VIA, pp

2) “Effects of Thiamethoxam on Liver Protein of *Oreochromis niloticus* (Trewavas)”, S. Nath, S. Bose and **I. Kundu**, *Proc. Zool. Soc.*, 2012, **65** (2), 118-120, DOI 10.1007/s12595-012-0037-0.

#### Sujit Kr.Bhowal

##### Other Journals:

“Review on Some Male Fertility Regulating Agents and Development of Prospective Male Contraceptive”, **S. K. Bhowal**, *Conscientia* [ISSN 2278-6554], 2011, **1** (2), 43-52.

## **Sumana Das**

### **Peer Reviewed Journals:**

- 1) "Effect of cadmium chloride on secretion of 17 $\beta$ -estradiol by the ovarian follicles of common carp, *Cyprinus carpio*", **S. Das** and D. Mukherjee, *Gen. Comp. Endocrinol.*, 2013, **181**, 107-14. [IF: 2.8]
- 2) "Effect of phenol on Ovarian Secretion of 17 $\beta$ -estradiol in Common Carp *Cyprinus carpio*", **S. Das**, S. Majumder and D. Mukherjee, *Arch. Environ. Contam. Toxicol.*, 2013, **65**, 132-141. [IF: 2.0]

## **Dr. Basuli Maitra**

### **Other Journals:**

- 1) "Cytological characterization of *Kiefferulus calligaster* through study of their polytene chromosome", **B. Maitra**, *Proc. of the National Symposium on Dimension of Animal Sciences (Researches and Human Need)*, 2009, p 36.
- 2) "An assessment on the divergence of *Chironomus stratipennis* Kieffer from *Chironomus thummi piger* based on the study of their polytene chromosome features", **B. Maitra**, *Proc. of Golden Jubilee International Seminar Researches in Zoology (Basic & Applied)*, 2010, p 13.

## **Dr. Enamul Haque**

### **Peer Reviewed Journals:**

- 1) "Neem leaf glycoprotein helps to generate carcinoembryonic antigen specific anti-tumor immune responses utilizing macrophage-mediated antigen presentation", K. Sarkar, A. Bose, K. Chakraborty, **E. Haque**, D. Ghosh, S. Goswami, T. Chakraborty, S. Laskar and R. Baral, *Vaccine*, 2008, **26** (34), 4352-4362. [IF: 3.458]
- 2) "Neem (*Azadirachta indica*) leaf preparation prevents leukocyte apoptosis mediated by cisplatin plus 5-fluorouracil treatment in Swiss mice", D. Ghosh, A. Bose, **E. Haque** and R. Baral, *Chemotherapy*, 2009, **55** (3), 137-44. [IF: 2.066]
- 3) "Association of early phase of colorectal carcinogenesis with STAT3 activation and its relevance in apoptosis regulation", R. Baral, A. Bose, C. Ray, S. Paul, S. Pal, **E. Haque**, B. Mishra, D. Pal, J. K. Nagpal, C. K. Panda and B. R. Das, *Exp. Mol. Pathol.*, 2009, **87** (1), 36-41. [IF: 2.128]

4) "Induction of type 1 cytokines during neem leaf glycoprotein assisted carcinoembryonic antigen vaccination is associated with nitric oxide production", K. Sarkar, A. Bose, **E. Haque**, K. Chakraborty, T. Chakraborty, S. Goswami, D. Ghosh and R. Baral, *Int. Immunopharmacol.*, 2009, **9** (6), 753-60. [IF: 2.659]

5) "Neem leaf glycoprotein directs T-bet-associated type 1 immune commitment", A. Bose, K. Chakraborty, K. Sarkar, S. Goswami, **E. Haque**, T. Chakraborty, D. Ghosh, S. Roy, S. Laskar and R. Baral, *Hum. Immunol.*, **70** (1), 6-15. [IF: 2.595]

### Chapter in Books:

1) "Cancer Immunoediting: Professional Editorship by Neem Leaf Glycoprotein. Treatment of advanced stage cancers", A. Bose, K. Chakraborty, K. Sarkar, S. Goswami, T. Chakraborty, **E. Haque**, D. Ghosh, I. Mondal Ghosh, S. Pal, S. Laskar, U. Chattopadhyay and R. N. Baral, In "*Current status of emerging frontiers*" [ISBN 8173199329], Eds. G. P. Talwar and O. P. Sood, Narosa Publishing House Pvt. Ltd., 2009, pp 148-152.

2) "Suppression of Suppressors: Neem leaf glycoprotein Guided Crosstalk Between Regulatory T cells and T cells/NK Cells/Macrophages in Cancer", T. Chakraborty, A. Bose, K. Chakraborty, K. Sarkar, S. Goswami, **E. Haque**, D. Ghosh, I. Mandal-Ghosh, S. Pal, S. Laskar and R. N. Baral, In "*Treatments of Advanced Stage Cancers: current status and emerging frontiers*" [ISBN 8173199329], Eds. G. P. Talwar and O. P. Sood, Narosa Publishing House Pvt. Ltd., India, 2009, pp 153-157.

3) "Immunotherapeutic Targeting of Multiple Dysregulated Immune Functions in Cancer by Neem Leaf Glycoprotein", A. Bose, S. Goswami, S. Roy, K. Sarkar, K. Chakraborty, T. Chakraborty, **E. Haque**, S. Laskar and R. N. Baral, In "*Natural Products: Research Reviews*" [ISBN: 9788170357559], Vol. 1, by V. K. Gupta, Daya Publishing House, 2012, pp 41-78.

### B) TRANSFERRED FACULTY

#### Dr. Jayanta Kumar Biswas

#### Peer Reviewed Journals:

1) "Bioturbation Potential of Chironomid Larvae for the Sediment-water Phosphorus Exchange in Simulated Pond Systems of Varied Nutrient Enrichment", **J. K. Biswas**, S. Rana, J. N. Bhakta and B.B. Jana, *Ecological Engineering* [ISSN: 0925-8574], 2009, **35**, 1444-1453. [IF: 3.106]

2) "Fish Stocking Density Induced Growth Responses of Some Biogeochemical Cycling Bacterial Population", J. N. Bhakta, **J. K. Biswas**, P. Bhakta, Y. Muneke and B. B. Jana. *Braz. J. Aquat. Sci. Technol.* [ISSN: 18087035], 2009, **13** (2), 45-50.

3) “Efficacy of Certain Chemical Candidates in Controlling Internal Phosphorus Loading in a Eutrophic Pond System: Pattern of Phosphorus Sequestration in Different Depths of Sediment”, **J. K. Biswas** and B. B. Jana, *Journal of Environmental Science and Engineering* [ISSN: 1934-8932], 2010, **4** (7), 1-14. (David Pub., USA).

4) “Applying Ecological Engineering in Wastewater Reclamation: Principles and Practices”, **J. K. Biswas** and B. B. Jana, *Academic Spectrum* [ISSN: 0976-9323], 2010, **1**(1), 141-156.

#### **Other Journals:**

“Modulation of Phosphorus Flux at Sediment Water Interface Through Biotic Eco-Engineering by Larvae of *Chironomus* sp. Under Simulated Conditions: A Classic Case of Benthic Bioturbation”, **J. K. Biswas** and B. B. Jana, *Proceedings of National Symposium on Dimensions of Animal Science Researches and Human Need*, 2010, pp 59-70.

#### **Antara Kar**

#### **Peer Reviewed Journal:**

“Xenobiotics – An Assessment of its Impact on the Biological System”, **A. Kar**, *Indian Medical Journal* [ISSN: 0091–5871], 2009, **104** (103), 113-114.