

## List of Publications – Physiology

### A) PRESENT FACULTY

#### Dr. Indrani Chakraborty

##### Peer Reviewed Journals:

- 1) “*Jussiaea repens* is a nontoxic antigonadal herb - A dose dependent study on male rats”, N. K. Pradhan, S. Ghosal and **I. Chakraborty**, *Int. J. Pharm. Bio. Sci.*, 2013, **4** (2), 131-143. [IF: 2.958]
- 2) “*Jussiaea repen* L Induced Morphological Alterations In Epididymal Spermatozoa of Rat”, S. Ghosal, **I. Chakraborty** and N. K. Pradhan, *Int. J. Pharm. Sci. Rev. Res.*, 2013, **22** (2), 288-295. [IF: 2.191]
- 3) “Searching for the Anti-inflammatory Activity of Zinc Oxide Nano Particle (ZnONPs) Suspensions in *Staphylococcus aureus* Induced Inflammatory Rat Model”, **I. Chakraborty**, S. Show and M. Sikdar, *Int. J. of Adv. In. Pharma. Res.*, 2013, **4** (10), 2331-2339. [IF: 0.524]
- 4) “*Catharanthus roseus*: as a Bacteriostatic Inhibitor of Antibiotic Resistant *Staphylococcus aureus* Strain”, S. Show, **I. Chakraborty** and M. Sikdar, *Int. J. of Adv. In. Pharma. Res.*, 2013, **4** (11), 2469-2474. [IF: 0.524]
- 5) “*Jussiaea repen* (L) Acts as an Antifertility Agent--A search for Herbal Male Contraceptive”, **I. Chakraborty**, S. Ghosal and N. K. Pradhan, *Int. J. Pharm. Sci. Rev. Res.*, 2014, **24** (2), 288-296. [IF: 2.191]
- 6) “In Vitro Comparison between Antibacterial Activity of *Catharanthus roseus* and *Nyctanthes arbortristis* on Antibiotic Resistant *Staphylococcus aureus* Strain”, S. Show, S. Banerjee, **I. Chakraborty** and M. Sikdar, *Indo American Journal of Pharmaceutical Research*, 2014, **4** (3), 1487-1493. [IF: 0.85]
- 7) “Ameliorative effect of  $\alpha$ -tocopherol and ascorbic acid on the accessory reproductive glands of adult male rats in arsenic toxicity”, G. N. Banik, **I. Chakraborty** and P. K. Mukhopadhyay, *Int. J. Pharm. Sci. Rev. Res.*, 2014, **26** (2) 282-287. [IF: 2.191]
- 8) “*Jussiaea repen* (L) Acts as a uterotonic agent - An In Vitro Study”, **I. Chakraborty**, S. Ghoshal and N. Pradhan, *Int. J. Pharm. Sci. Rev. Res.*, 2014, Accepted for August issue.

#### Dr. Dipak Das

##### Other Journal:

“Oxygen: Blessing or Curse?”, **D. Das**, *Conscientia* [ISSN: 2278-6554], 2011, **1** (1), 42-45.

## **Kuntal Gupta**

### **Other Journal:**

“The Second Brain”, **K. Gupta**, *Conscientia* [ISSN: 2278-6554], 2011, **1** (1), 52-59.

## **Achintya Mohan Goswami**

### **Peer Reviewed Journals:**

1) “Production of Nitric Oxide in host-virus interaction: A case study with a compatible Begomovirus-Kenaf host-pathosystem”, T. S. Sarkar, U. Majumdar, A. Roy, D. Maiti, **A. M. Goswami**, A. Bhattacharjee, S. K. Ghosh and S. Ghosh, *Plant Signaling and Behavior*, 2010, **5** (6), 668-676.

2) “Characterizing the effect of nitrosative stress in *Saccharomyces cerevisiae*”, A. Bhattacharjee, U. Majumdar, D. Maity, T. S. Sarkar, **A. M. Goswami**, R. Sahoo, and S. Ghosh, *Archives of Biochemistry and Biophysics* (ABB), 2010, **496**, 109-116. doi:10.1016/j.abb.2010.02.003.

3) “Biochemical characterization of compatible plant-viral interaction: A case study with a Begomovirus-Kenaf host-pathosystem”, T. S. Sarkar, A. Bhattacharjee, U. Majumdar, A. Roy, D. Maiti, **A. M. Goswami**, S. K. Ghosh and S. Ghosh, *Plant Signal. Behav.*, 2011, **6** (4), 501-509.

4) “An Ecofriendly synthesis of silver nano-bioconjugates by *Penicillium citrinum* (MTCC9999) and its antimicrobial effect”, **A. M. Goswami**, T. S. Sarkar and S. Ghosh, *AMB Express*, 2013, **3** (1), 16. doi: 10.1186/2191-0855-3-16.

5) “Biological synthesis of colloidal gold nanoprisms using *Penicillium citrinum* MTCC9999”, **A. M. Goswami**, and S. Ghosh, *Journal of Biomaterials and Nanobiotechnology* (SCRIP Open Access Journal), 2013, DOI: 10.4236/jbnb.2013.42A003

### **Other Journal:**

“Attention Deficit Hyperactivity Disorder: A Childhood Psychiatric Problem”, **A. M. Goswami**, *Conscientia* [ISSN: 2278-6554], 2012, **1** (3), 98-112.

### **Chapter in Books:**

“Regulation of FOX O Signaling and its Impact on Cardiac Function”, **A. Goswami**, In “Physiology Update”, Published by Department of General Human Physiology, Haldia Institute of Dental Sciences & Research, Haldia, Purba Midnapore, West Bengal, Vol. 2, pp 40-49.

## **B) TRANSFERRED FACULTY**

### **Dr Subha Bose (Banerjee)**

#### **Peer Reviewed Journals:**

1) “Suboptimal dose of Sodium antimonygluconate diperoxovanadate combination clears organ parasites from BULB mice infected with antimony resistant *Leishmania donovani* by expanding anti-*Leishmanial* T-cell repertoire and increasing ISN- $\gamma$  to IL-10 ratio”, A. K. Halder, **S. Banerjee**, K. Naskar, D. Kalita, N. S. Islam and S. Roy, *Experimental Parasitology*, 2009, **122**, pp 145-154.

2) “Designing therapies against experimental visceral *Leishmaniasis* by modulating the membrane fluidity by antigen present in cell”, **S. Banerjee**, J. Ghosh, S. Sen, R. Guha, R. Dhar, M. Ghosh, S. Dutta, B. Ray Chaudhury, K. Naskar, A. K. Halder, C. S. Lal, K. Pandey, V. N. Das, P. Das and S. Roy, *Infect. Immun.*, 2009, **77**, pp 2330-2342. (e-Pub).

### **Dr. Asis Kumar Pandit**

#### **Other Journal:**

“Chronotherapy: The Synchronized Drug Delivery with Circadian Rhythm”, **A. K. Pandit**, S. Sahu and S. Moitra, *Conscientia* [ISSN: 2278-6554], 2011, **1** (1), 17-21.