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**2. DESIGNATION: ASSISTANT PROFESSOR**

**3. EDUCATIONAL QUALIFICATIONS: M.Sc, PhD**

**4. TEACHING EXPERIENCE: 4 YEARS UG**

**5. AREA OF SPECIALIZATIONS: BIOCHEMISTRY, MOLECULAR BIOLOGY & CELL PHYSIOLOGY, ECOLOGY & WILD LIFE BIOLOGY**

**6. PUBLICATIONS:**

1) **“NAD(P)H cytochrome *b5* oxidoreductase deficiency in *Leishmania major* results in impaired linoleate synthesis followed by increased oxidative stress and cell death”** by Supratim Mukherjee, Sumit Sen Santara, Shantanabha Das, Moumita Bose, Jayasree Roy and Subrata Adak; **Journal of Biological Chemistry** volume 287, pages 34992-5003. Published on 25<sup>th</sup> August, 2012. **Impact factor 4.8 (2012) ISSN: 1083-351X (Electronic) 0021-9258 (Linking)**

2) **“A Western Reef Egret *Egretta gularis* from Hooghly, West Bengal”** by Souvik Chattopadhyay, Uddalok Bandyopadhyay & **Supratim Mukherjee** **Indian BIRDS** Vol. 11 No. 3, page 83 Published on 11 APRIL 2016 **ISSN 0973-1407.**

3) **“Globin-coupled heme containing oxygen sensor soluble adenylate cyclase in *Leishmania* prevents cell death during hypoxia”** by Sumit Sen Santara, Jayasree Roy, **Supratim Mukherjee**, Moumita Bose, Rina Saha, and Subrata Adak **Proceedings of National Academy of Science, America.(PNAS)**. Accepted by the Editorial Board September 2, 2013 (received for review March 4, 2013) [www.pnas.org/cgi/doi/10.1073/pnas.1304145110](http://www.pnas.org/cgi/doi/10.1073/pnas.1304145110) **Impact Factor- 10**

4) **“Reticulated Python, *Python reticulatus* (Schneider, 1801) in Hooghly, West Bengal, India”** by **Supratim Mukherjee** • Vishal Santra •Gautam Aditya; **Proceedings of Zoological Society** volume 65(2) pages 114-117 DOI 10.1007/s12595-012-0032-5; published online 4<sup>th</sup> August, 2012. **ISSN: 0373-5893 (print version) 0974-6919 (electronic version)**

5) **“Observations on Yellow-Wattled Lapwing, *Vanellus malabaricus* (Boddaert, 1783) in South West Bengal, India”**. **Supratim Mukherjee**, Pallavi Nath, Gautam Aditya; **Proceedings of Zoological Society. 2014** July; DOI 10.1007/s12595-014-0117-4

6) **“ Protection against peroxynitrite by pseudoperoxidase from *Leishmania major*”** by Moumita Bose, Rina Saha, Sumit Sen Santara, **Supratim Mukherjee**, Jayasree Roy, Subrata Adak; **Free Radical Biology and Medicine**; volume 53, pages 1819-28. August 2012. **Impact factor 5.4 (2012) ISSN: 0891-5849.**

7) **“The ferrous-dioxy complex of *Leishmania major* globin coupled heme containing adenylate cyclase: the role of proximal histidine on its stability”**. Jayasree Roy, Sumit Sen Santara, Moumita Bose , **Supratim Mukherjee**, Rina Saha, and Subrata Adak; **Biochim Biophys Acta. 2014** Mar; 1844(3):615-22 **Impact Factor: 3.7**