



BARASAT GOVERNMENT COLLEGE

TEACHER'S PROFILE

DR SOMADITYA DEY, DEPARTMENT OF ZOOLOGY

➤ DESIGNATION	: Assistant Professor (Stage2)
➤ QUALIFICATION	: M.Sc., Ph.D.
➤ DATE OF JOINING THE SERVICE	: Feb 20, 2015
➤ DATE OF JOINING THE INSTITUTION	: Feb 20, 2015
➤ ADDRESS FOR COMMUNICATION	: 10, K.N.C Road, Barasat (N 24 Parganas), Kolkata-700124
➤ PHONE NO	: 8013247086
➤ EMAIL ADDRESS	: somaditya.dey@bgc.ac.in
➤ SPECIALIZATION	: PARASITOLOGY AND IMMUNOBIOLOGY
➤ TEACHING EXPERIENCE	: UG & PG LEVEL- Seven (7) Years [2015-till date]
➤ COLLEGE SERVED	: BARASAT GOVT COLLEGE (20.02.2015- TILL DATE)

 ACADEMIC AND ADMINISTRATIVE EXPERIENCE	<ul style="list-style-type: none"> 1. Performing duties in teaching and learning processes, as educators, leaders, role models of the students; as well as paper setter, examiner, scrutineer, invigilators . Jt. Coordinator, MSc Examination Committee, and invited member, PGBOS, Dept of Zoology. 3. Jt. Coordinator, System Management Committee- Overall maintenance of college website, online processes, Implementation of IFMS system & administrative works- 2016-2021. 4. Jt. Convener, Admission Committee- B.A./B.Sc. & M.A./M.Sc. admission processes- 2017-2021 5. Teacher member, Project Monitoring unit, RUSA, 2016-2021 6. Teacher member, UGC and AISHEE committee- 2016-2021 7. Teacher member, Students' welfare and support cell- - 2017-21
 TOPICS TAUGHT	<ul style="list-style-type: none"> 1. Chordate & Non-chordate 2. Developmental Biology 3. Human Physiology 4. Parasitology 5. Immunology 6. Endocrinology 7. Neurobiology 8. Cytology & Genetics
 AREA OF RESEARCH & INTEREST	<ul style="list-style-type: none"> Immunobiology and Parasitology
 ONGOING PROJECT DETAILS	<ul style="list-style-type: none"> NONE
 AWARD RECEIVED	<ul style="list-style-type: none"> <ul style="list-style-type: none"> ☑ Travel grants from AAI for presentation at the 17th ICI, 2019, Beijing, organized by IUIS, 2019. ☑ Winner of the BRIC idea exposition stipend, IICB, Kolkata, 2019 ☑ ECI- AAI Travel Grant award, for presentation at the ECI, 2018, organized by, EFIS, Netherland, 2018 ☑ Presentation at GRC' 2018, at Newport, USA. [Travel Grant Recommended by UGC] ☑ 'Young Scientist Award from ICMR and CSIR, for presentation at ASM/ESCMID Conference, 2017, at Boston, USA. ☑ Travel Support Award by WHO & DNDi, Geneva for presentation at 6th WL, 2017, at Toledo, Spain. ☑ International Travel Grant as young scientist (DST-SERB) for presentation at ICI, 2016, Australia Awarded best presentation ☑ Poster presentation at Symposium on FIMB, 2015, IISER-Kolkata; 2015 ☑ Oral presentation at International Conference on "Molecular Biology and its Applications", JU, Kolkata.
 PATENT DETAILS	<ul style="list-style-type: none"> Chiranjib Pal, Susanta Adhikari Debarati Mukherjee, Md Yousuf, Somaditya Dey; Saurav Chatterjee. "Synthesis and anti-leishmanial profile of novel water soluble ferrocenylquinoline derivatives" Indian Patent Application No. 201831027970 of 25.07.2018. [The Patent Office Journal No. 42/2018 Dated 19/10/2018; International Classification: A61K31/00; Responses to FER submitted; Application in Amended Examination]
 EXTRACURRICULAR ACTIVITIES	<ul style="list-style-type: none"> Food and Travel Vlogging on several social media platforms and photography
 CAREER PROFILE	<ul style="list-style-type: none"> B.Sc. Zoology (Hons.) BIDHANNAGAR COLLEGE 1ST Class 2008; M.Sc. Zoology BIDHANNAGAR COLLEGE 1ST Class 2010. Joint CSIR-UGC NET (Life Sciences)- 2012, 2013, 2014. Dept. of Zoology, West Bengal State University, JRF, DBT Project; 2012. Dept. of Zoology, West Bengal State University, Laboratory Assistant (Technician B), ICMR Project; 2012-15 PhD: Cellular Immunology & Experimental Therapeutics Laboratory, Department of Zoology, WBSU. PI: Prof. Chiranjib Pal. Reviewed a manuscript entitled 'Identification of Chalconeantileishmanial agents' submitted to the journal Frontiers in Chemistry. Attendance and paper presentation (poster) at the 17th International Congress of Immunology, 2019, Beijing, China; Participating and poster presentation of the thesis work at the European congress of Immunology, 2018; Netherlands; Poster presentation at 'Gordon Research Conference on Biology of Host- Parasite Interactions,' June, 2018, at Newport, USA; Paper presentation at ASM/ESCMID Conference on Drug Development to Meet the Challenge of Antimicrobial Resistance, 2017, at Boston, USA; Paper presentation (ORAL) at 6th World Congress on Leishmaniasis, 2017, at Toledo, Spain; Paper presentation (ORAL) at International Congress of Immunology, August, 2016, Australia Training Course on Clinical Flow Cytometry, 2013, & International Workshop on Application of Flow Cytometry, organized by CRNN; 2012.
 ACADEMIC LINK	<ul style="list-style-type: none"> 1. https://scholar.google.co.in/citations?user=ufC_vDgAAAAJ&hl=en 2. https://www.researchgate.net/profile/Somaditya-Dey 3. https://orcid.org/0000-0002-5741-9668

PUBLICATION



JOURNAL PUBLICATION :

- (1) Debarati Mukherjee1, #, Md Yousuf2, #, Somaditya Dey1, Sondipon Chakraborty1, Vinay Kumar3, Ankur Chaudhuri4, Biswajyoti Sarkar1, Supriya Nath1, Aabid Hussain1, Aritri Dutta1, Saurav Chatterjee2, Sibani Chakraborty4, Sushma Singh3, Susanta Adhikari2*, Chiranjib Pal1* (2020)., 'Targeting the trypanothione reductase of tissue-residing Leishmania in hosts' reticuloendothelial system: Flexible water-soluble ferrocenylquinoline-based preclinical drug candidate.', Journal of Medicinal Chemistry; 63, 24, 15621–15638. Impact Factor: 6.205 ([: Joint 1st author]., December 9,
- (2) Somaditya Dey, Debarati Mukherjee, Sirin Salma Sultana, Suvadip Mallick, Supratim Mandal, Aritri Dutta, Joydip Ghosh, Aabid Hussain, Pradyumna Patra, Bhaskar Saha and Chiranjib Pal., 'Combination of Mycobacterium indicus pranii and heat induced promastigotes cures drug-resistant Leishmania infection: Critical role of Interleukin-6 producing classical dendritic cells. Infection and Immunity; e00222-19; 88(6):1-20. Impact Factor: 3.2. ISSN: 00199567; Wos & Scopus; SJR: 1.59, UGC: 21033.', Infection and Immunity; e00222-19; 88(6):1-20. Impact Factor: 3.2. Wos & Scopus; SJR: 1.59, UGC:
- (3) Md Yousuf#; Debarati Mukherjee#; Somaditya Dey; Sourav Chatterjee, Abhishek Pal; Biswajyoti Sarkar; Chiranjib Pal and Susanta Adhikari. (2018) ., 'Synthesis and biological evaluation of polyhydroxylated oxindole derivatives as potential antileishmanial agent.', Bioorganic and Medicinal Chemistry Letters, 28: 1056–1062. Impact Factor: 2.46. [[: Joint 1st author]. UNIV, Wos & Scopus; UGC: 47160, 43141, ISSN: 0960894X;
- (4) 8. Md Yousuf#, Debarati Mukherjee#, Somaditya Dey, Chiranjib Pal, Susanta Adhikari* (2016) ., 'Antileishmanial ferrocenylquinoline derivatives: Synthesis and biological evaluation against Leishmania donovani.', European Journal of Medicinal Chemistry, 124:468-479. Impact Factor: 4.52. [[: Joint 1st author] Wos & Scopus; UGC: 28767, 42606, ISSN: 02235234;
- (5) Suvadip Mallick#, Somaditya Dey#, Supratim Mandal, Aritri Dutta, Debarati Mukherjee, Gunjan Biswas, Soumya Chatterjee, Sanjaya Mallick, Tapan Kumar Lai, Krishnendu Acharya and Chiranjib Pal* (2015). ., 'A novel triterpene from Astraeus hygrometricus induces reactive oxygen species leading to death in Leishmania donovani.', Future Microbiology, 10 (5): 763-789. Impact Factor: 4.275. [[: Joint 1st author] ; Wos & Scopus; UGC: 17877, 2015, ISSN: 17460913
- (6) Somaditya Dey, Debarati Mukherjee, Sondipon Chakraborty, Suvadip Mallick, Aritri Dutta, Ningombam Swapana, Swatilekha Maiti, Narayan Ghorai, Chingakhom Brajakishor Singh and Chiranjib Pal* (2015)., 'Protective effect of Croton caudatus Geisel leaf extract against experimental visceral leishmaniasis induces proinflammatory cytokines in vitro and in vivo.', Experimental Parasitology; 151–152: 84–95. Impact Factor: 1.76. WoS & Scopus; UGC: 29106., 42031, ISSN: 00144894;
- (7) Suvadip Mallick#, Aritri Dutta#, Somaditya Dey#, Joydip Ghosh, Debarati Mukherjee, Sirin S Sultana, Supratim Mandal, Soumitra Paloi, Somanjana Khatua, Krishnendu Acharya, Chiranjib Pal* (2014)., 'Selective inhibition of Leishmania donovani by active extracts of wild mushrooms used by the tribal population of India: An in vitro exploration for new leads against parasitic protozoans.', Experimental Parasitology; 138: 9–17. Impact Factor: 1.76. [[: Joint 1st author], 2014, ISSN: 00144894; WoS& Scopus; UGC: 29106
- (8) Md Yousuf#, Debarati Mukherjee#, Abhishek Pal, Somaditya Dey, Supratim Mandal, Chiranjib Pal*, and Susanta Adhikari* (2015)., 'Synthesis and Biological Evaluation of Small Molecule Ferrocenylquinoline as a Potential Antileishmanial Agent.', ChemMedChem, 10 (3): 546-554. Impact Factor: 2.97. [[: Joint 1st author; *Joint Correspondence Author.], 2015, ISSN: 18607179; WoS& Scopus; UGC: 5535.
- (9) Debarati Mukherjee#, Chingakhom Brajakishor Singh#, Somaditya Dey, Supratim Mandal, Joydip Ghosh, Suvadip Mallick, Aabid Hussain, Ningombam Swapana, Samir A Rossdand Chiranjib Pal* (2016)., 'Induction of apoptosis by Zerumbone isolated from Zingiber zerumbet (L.) Smith in protozoan parasite Leishmania donovani due to oxidative stress.', Brazilian Journal of Infectious Diseases, 20(1): 48-55. Impact Factor: 1.52. [[: Joint 1st author]., 2016, ISSN: 14138670; Wos& Scopus; UGC: 9171



BOOK PUBLICATION

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