

**JOYDIP GHOSH**

Career objective: To work with honesty, integrity and dignity for a well established Organization and earn respect and recognition from my peers and seniors.

Personal Details

Father's Name: Mr. Jyotirmoy Ghosh
Date of Birth: 23rd September, 1980
Sex: Male
Interests & Hobbies: Reading books and listening music, Playing Badminton
Language Proficiency: English, Bengali and Hindi

Permanent Address: Ushumpur Pally, Agarpara
Kolkata-700109, 24 PGS (North)
West Bengal

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Academic Qualification

EXAMINATION	BOARD/ UNIVERSITY	PERCENTAGE	CLASS/ DIVISION	YEAR OF PASSING
MSc. Microbiology	Vidyasagar University	62.1%	1 st	2005
BSc. Microbiology (Hons.)	Calcutta University	56.3%	2 nd	2003
Higher Secondary	West Bengal Council of Higher Education	68.7%	1 st	1999
Madhyamik Pariksha	West Bengal Board of Secondary Education	86.25%	1 st	1997

Research Degree awarded

Degree	Title of Thesis	University	Degree Obtained
Ph.D	Isolation and Chemical Characterization of extract/ Semi-purified fractions from herbal resources: A search for novel antileishmanial leads.	West Bengal State University (Department of Zoology)	2018

Research Skills

- Cell culture Techniques
- Immunological assays
- Fluorescence Activated Cell Sorter assays
- Natural Product Isolation

Employment Records:

Name of the Employer	Post Held	Duration	Working Place
JOYDIP GHOSH	Contractual Full time Lecturer	20.07.2006-31.01.2010	Rabindra Mahavidyalaya, Champadanga, Hooghly
	Lecturer	01.02.2010-20.09.2010	Rabindra Mahavidyalaya, Champadanga, Hooghly
	Govt. Approved Lecturer	21.09.2010-31.12.2019	Rabindra Mahavidyalaya, Champadanga, Hooghly
	State Aided College Teacher (SACT-I)	01.01.2020-till date	Rabindra Mahavidyalaya, Champadanga, Hooghly

Courses Taught: General Microbiology, Virology, Biochemistry, Medical Microbiology, Food Microbiology, Agricultural Microbiology, Environmental Microbiology, Recombinant DNA Technology.

Publications

1. Suvadip Mallick, Aritri Dutta, **Joydip Ghosh**, Sourav Maiti, Ajay Kumar Mandal, Rajat Banerjee, Chandrakanta Bandyopadhyay and Chiranjib Pal (2011). Protective therapy with novel chromone derivative against *Leishmania donovani* infection induces Th1 response *in vivo*. **Chemotherapy**; 57(5):388–393.
2. Pranab Ghosh, Amitava Mandal, **Joydip Ghosh**, Chiranjib Pal and Ashis Kumar Nanda (2012). Partial synthesis of bioactive 28-hydroxy-3-oxolup-20(29)-en-30-al with antileukemic activity. **Journal of Asian Natural Products Research**; 14(2):141-53.
3. Suvadip Mallick, Aritri Dutta, Somaditya Dey, **Joydip Ghosh**, Debarati Mukherjee, Sirin Salma Sultana, Supratim Mandal, Soumitra Paloi, Somanjana Khatua, Krishnendu Achary, 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.
4. Somaditya Dey , Debarati Mukherjee, Sondipon Chakraborty, Suvadip Mallick, Aritri Dutta **Joydip Ghosh**, Ningombam Swapana , Swatilekha Maiti , Narayan Ghorai , Chingakhom Brajakishor Singh , 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.
5. Debarati Mukherjee, Chingakhom Brajakishor Singh, Somaditya Dey, Supratim Mandal, **Joydip Ghosh**, Suvadip Mallick, Aabid Hussain, Ningombam Swapana, Samir Anis Rosd, Chiranjib Pal (2016). Induction of apoptosis by zerumbone isolated from *Zingiber zerumbet* (L.) Smith in protozoan parasite *Leishmania donovani* due to oxidative stress. **The Brazilian Journal of Infectious diseases**; 20(1):48-55.
6. Suvadip Mallick, Aritri Dutta, Ankur Chaudhuri, Debsari Mukherjee, Somaditya Dey, Subhadra Halder, **Joydip Ghosh**, Debarati Mukherjee, Sirin Salma Sultana, Gunan Biswas, Tapan Kumar Lai, Pradyumna Patra, Indranil Sarkar, Sibani Chakraborty, Bhaskar Saha, Krishnendu Acharya, Chiranjib Pal (2016). Successful Therapy of Murine Visceral Leishmaniasis with Astrakurkurene, a Triterpene Isolated from the Mushroom *Astraeus hygrometricus*, Involves the Induction of Protective Cell-Mediated Immunity and TLR9. **Antimicrobial Agents and Chemotherapy**; 60(5): 2696-708.

7. Chakraborty S, Chaudhuri A, Dutta T, **Ghosh J**, Saha SK, Biswas S *et al.* .(2016) Isolation of a major host plant-terpenoid and its probable impact on the degenerative growth of female Indian lac insect, *Kerria lacca* (Kerr.). Journal of Entomology and Zoology Studies (2016; 4(4):1351-1358.
8. Sondipon Chakraborty, Sibnarayan Guria, **Joydip Ghosh**, Samir Kumar Saha, Suman Biswas, Chiranjib Pal, Narayan Ghorai (2016) Secondary metabolites of lac host plants and their impact on lac resin and dye production by the female Indian lac insect *Kerria lacca* (Kerr.) **International Journal of Entomology Research**.
9. Sondipon Chakraborty, Tanmoy Dutta, Keshav Rai, **Joydip Ghosh**, Samir Kumar Saha, Suman Biswas, Soumen Bhattacharjee, Chiranjib Pal, Hemanta Chowdhury, Ipsit Chakrabarti, Narayan Ghorai . (2016) Preliminary investigation on terpenoids present in the bark of major host plants, and lac-encrustations made by the Indian lac insect *Kerria lacca* (Kerr.) with respect to host plant selections . **Journal of Entomology and Zoology Studies**.
10. Sirin Salma Sultana, **Joydip Ghosh**, Sondipon Chakraborty, Debarati Mukherjee, Somaditya Dey, Suvadip Mallick, Aritri Dutta, Soumitra Paloi, Somanjana Khatua, Tanmoy Dutta, Soumen Bhattacharya, Krishnendu Acharya, Narayan Ghorai, Chiranjib Pal (2018). Selective *in vitro* inhibition of *Leishmania donovani* by a semi-purified fraction of wild mushroom *Grifola frondosa*. **Experimental Parasitology**. 192 : 73-84.
11. Tanmay Ghosh, **Joydip Ghosh** (2020) Comprehensive Studies of Black Pepper and its Chemical Profiling. **Journal of Agriculture and Allied Sciences**.
12. Tanmay Ghosh, **Joydip Ghosh**, Maitreyee Mondal and Subhasree Roy. (2020) An Understanding of Fungal Diversity of Cereal and Oil Seed Crops Particularly in Coastal Region Composed to Indo-Gangetic Areas and their Eco-friendly Management. **Research Journal of Agricultural Sciences** 11(2): 413-419
13. Somaditya Dey, Debarati Mukherjee, a Sirin Salma Sultana, a Suvadip Mallick, Aritri Dutta, **Joydip Ghosh**, Aabid Hussain, Biswajyoti Sarkar, a Supratim Mandal, Pradyumna Patra, a, b Bhaskar Saha, Chiranjib Pal (2020) 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**. 88(6): e00222-19.

14. Tanmay Ghosh, **Joydip Ghosh**. A Study on the Antibacterial Activities and Medical Properties of Water Chestnut (2021). **International Journal of Research and Analysis in Science and Engineering** . 1(3)
15. **Joydip Ghosh**, Sondipon Chakraborty, Somaditya Dey, Debarati Mukherjee, Biswajyoti Sarkar, Suvadip Mallick, Aritri Dutta, Tanmoy Dutta, Soumen Bhattacharjee, Narayan Ghorai, Chiranjib Pal. (2021). **Acta Parasitologica**.

Presentations

- **Poster presentation** in the Department of Zoology of West Bengal State University on 25th and 26th February, 2016.
- **Oral Presentation** in the Department of Science and Technology , Government of West Bengal on 13th and 14th November , 2016.

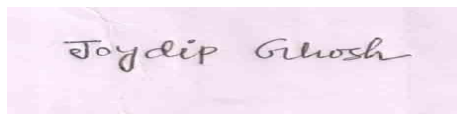
Book Chapters:

- A book Chapter entitled “ **Bioremediation : A Green Approach For The Sustainable Environment Management**’ in the Book “ **Trends in Environmental Biology**” 2022
Author: **Joydip Ghosh**
ISBN: 978-93-90847-55-6
- A book Chapter entitled “ **Therapeutic Efficacy of Natural Products Towards Protozoan Diseases**” in the book “ **Recent Trends And the Future of Antimicrobial Agents**” 2023
Author: **Joydip Ghosh**
ISBN: 978-981-5079-61-6

Training Programs, Workshops, seminars attended

- Global Challenges in Biology: The Journey from Genes to Diseases” organized by the Department of Microbiology, West Bengal State University on 18th December 2009.
- National Conference on CME in Immunology, organized by Dept. of Zoology, West Bengal State University, Barasat & Indian Immunology Society, New Delhi on November 4-5th, 2011.
- “Frontiers in Modern Biology 2013 Symposium organized by the Department of Biological Sciences, IISER, Kolkata on 9-10th November, 2013.
- Two Days National Seminar on Fear and Female: A Perspective on the Changing role of Women in Bengali Horror Films: 1940s to the Present organized by Rabindra Mahavidyalaya and Tarakeswar Degree College on 30 & 31th August , 2013.
- 1st National Conference on “Advanced Biology Through Technology and Computation” organized by Department of Microbiology, West Bengal State University & Kingston College of Science on 22nd of August 2014.
- “Elimination of Leishmaniasis in South Asia by 2015: Myth or reality?” *IPGMER, Kolkata* on 22nd January, 2015.

- One Day Workshop on People's Biodiversity Register (PBR) Preparation organized by Tarakeswar Degree College , Hooghly on 5 th December 2014.
- One day workshop on "21st Century Women: Search For Root, Identity & Power in the Midst of Crisis" organized by Rabindra Mahavidyalaya, Champadanga, Hooghly on 8th October 2015.

A rectangular box containing a handwritten signature in black ink. The signature is written in a cursive style and reads "Joydip Ghosh".

Joydip Ghosh