Name: **Chiranjib Pal. PhD.**

Designation: **Professor.**

Department/Institute/University: Cellular Immunology and Vector Molecular Biology Laboratory, Department of Zoology, West Bengal State University, West Bengal State University, Barasat, North 24 Parganas, Pin- 700126, West Bengal, India.
Telephone- (033) 25241975 – 79 (O), FAX- (033) 2524 1977 (O), 91 9831306386 (M); E-mail: cpcu.immunology@gmail.com, chiranjibpal.zoology@wbsu.ac.in

PhD: Department of Infectious Diseases & Immunology, CSIR-Indian Institute of Chemical Biology, Jadavpur, Kolkata, West Bengal.
Postdoctoral Fellow: Department of Microbiology & Immunology H107, College of Medicine, The Pennsylvania State University, Hershey, PA 17033, USA.

Honors/Awards

1. **National Scholarship, 1992-94**, Ministry of Human Resource Development, Government of India.
2. **Joint CSIR-UGC NET Examination and Eligibility for Lecturer, 1997.**
3. **World Health Organization (WHO) Fellowship-2011.**
4. **International Centre for Genetic Engineering and Biotechnology, Trieste, Italy Fellowship-2014.**
5. **International Visiting Fellow, Department of Health Research, Govt. of India** in Vector Molecular Biology Section, National Institute of Allergy and Infectious Diseases, National Institutes of Health, Rockville, MD, 20852, USA, 2017.
6. **Outstanding Teachers' Award (Shiksharatna) - 2019**, Department of Higher Education, Govt. of West Bengal, India.

Publications & Patents:
https://www.researchgate.net/profile/Chiranjib-Pal-2
https://www.scopus.com/authid/detail.uri?authorId=7006145385
https://orcid.org/0000-0002-0724-5292
https://publons.com/researcher/3717451/chiranjib-pal/

Patents:

1. A process for the Preperation of 2 Methyl-4-(Acetanilido)-Amino Quinoline, A novel Compound useful as an Antileishmanial Agent. **Council of Scientific and Industrial Research, India, File No.-NF226/99).**
2. A novel *in vitro* method to generate dendritic langerhans type cells using platelets. **(USA Patent No. US 2002/0123140 A1.** *Assignee:* Council of Scientific & Industrial Research, India).
3. Synthesis And Anti-Leishmanial Profile of Novel Water Soluble Ferrocenylquinoline Derivatives. Chiranjib Pal, Debarati Mukherjee, Somaditya Dey, Susanta Adhikari, Md Yousuf, Sourav Chatterjee (Application No: **201831027970 A**; Publication date: 19/10/2018; International classification: A61K31/00**)**.

Publications (Best five):

1. Sanhita Ghosh, Kamalika Roy, Raju Rajalingam, Sunil Martin* and Chiranjib Pal* (2021). Cytokines in the generation and function of regulatory T cell subset in leishmaniasis. ***Cytokine. 2021 Nov 1;147:155266; https://doi.org/10.1016/j.cyto.2020.155266***. Impact Factor: 3.681.
2. Suman Karmakar, Supriya Nath, Biswajyoti Sarkar, Sondipon Chakraborty, Shramistha Paul, Mintu Karan and Chiranjib Pal* (2021). Insect vectors' saliva and gut microbiota as a blessing in disguise: Probability vs possibility. ***Future Microbiology, 10 (5): 763-789; https://doi.org/10.2217/fmb-2020-0239.*** Impact factor: 3.165.
3. Vinay Kumar, Sanhita Ghosh, Kamalika Roy, Chiranjib Pal, Sushma Singh (2021). Deletion of glutamine synthetase gene disrupts the survivability and infectivity of *Leishmania donovani.* ***Front. Cell. Infect. Microbiol, 11:81; https://doi.org/10.3389/fcimb.2021.622266***. Impact factor: 5.293.
4. Debarati Mukherjee, Md Yousuf, Somaditya Dey, Sondipon Chakraborty, Vinay Kumar, Ankur Chaudhuri, Biswajyoti Sarkar, Supriya Nath, Aabid Hussain, Aritri Dutta, Tanushree Mishra, Sibani Chakraborty, Sushma Singh, Susanta Adhikari, Chiranjib Pal* (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; https://doi.org/10.1021/acs.jmedchem.0c00690.*** Impact Factor: 7.446.
5. Somaditya Dey, Debarati Mukherjee, Sirin Salma Sultana, Suvadip Mallick, Aritri Dutta, Joydip Ghosh, Aabid Hussain, Biswajyoti Sarkar, Supratim Mandal, Pradyumna Patra, 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, May 2020, 88 (6) e00222-19; https://doi.org/10.1128/IAI.00222-19.*** Impact Factor: 3.441.

Endoresemnet of our research work in National & International forum:

1. Targeting the trypanothione reductase of tissue-residing *Leishmania* in hosts' reticuloendothelial system: Flexible water-soluble ferrocenylquinoline-based preclinical drug candidate.

   [This work has been conferred the 'Outstanding Paper Award' in Physiology Section in West Bengal State Science & Technology Congress-2017, organized by Department of Higher Education, Science & Technology and Biotechnology, Govt. of West Bengal.

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   2nd position in 'Idea Exposition In Pharmaceuticals And Nutraceuticals' organized by BRIC (Regional Centre of BIRAC, Govt. of India), organized in CSIR-IICB Translational Research Unit of Excellence (TRUE), Salt lake Campus on 20-21st September, 2019.

   &

   3rd position in the '107th "Indian Science Congress, 3-7 January 2020, Bengaluru" in the 'Women Science Congress' category.
2. 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, May 2020, 88 (6) e00222-19.

[Selected for "Best Poster Award" in Frontiers in Modern Biology (FIMB)-2015, Organized by Indian Institute of Science Education and Research, Kolkata.

Present Lab Members:

1. Kamalika Roy: SRF, DST-Inspire Fellow, DST, Govt. of India; UGC-NET; CSIR-NET.
2. Sanhita Ghosh: SRF, ICMR, Govt. of India; UGC-NET.
3. Sharmistha Paul: Field Assistant, DST-SERB, Govt. of India
4. Supriya Nath: Project Assistant, ICMR, Govt. of India; UGC-NET.
5. Suman Karmakar: SRF, UGC-NET, Govt. of India, UGC-NET
6. Mintu Karan: JRF, UGC-NET, Govt. of India, UGC-NET
7. Beadanta Das: Field Assistant, DST-SERB, Govt. of India, GATE
8. Moushumi Das: JRF, UGC-NET, Govt. of India, UGC-NET, SET
9. Monalisa Ray: Project Assistant, ICMR, Govt. of India; UGC-NET, SET, GATE.
10. Pritam Mandal: JRF, UGC-NET, Govt. of India, UGC-NET, SET

Lab Alumni

1. Dr. Suvadip Mallick (PhD awarded: 04.12.2015). Present affiliation: Postdoctoral Scientist, Texas Biomedical Research Institute, San Antonio, USA. https://www.researchgate.net/profile/Suvadip-Mallick.
2. Dr. Aritri Dutta (PhD awarded: 09.07.2018). Present affiliation: Grants Advisor, DBT Wellcome Trust India Alliance. https://www.researchgate.net/profile/Aritri-Dutta.
3. Dr. Supratim Mandal (PhD awarded: 16.04.2019). Present affiliation: Assistant Professor, Dept. of Microbiology, University of Kalyani. https://www.researchgate.net/profile/Supratim-Mandal-2.
4. Dr. Somaditya Dey (PhD awarded: 22.04.2019). Present affiliation: Assistant Professor, PG Dept. of Zoology, Barasat Govt. College (WBES). https://www.researchgate.net/profile/Somaditya-Dey.
5. Dr. Debarati Mukherjee (Date of award: 16.05.2019). Present affiliation: ICMR-Research Associate, Department of Pharmacology, Institute of Post Graduate Medical Education And Research, Kolkatta. https://www.researchgate.net/profile/Debarati-Mukherjee.
6. Dr. Joydip Ghosh (PhD awarded: 18.08.2017). Present affiliation: Assistant Professor, Champadanga Rabindra Mahavidyalaya (SACT).
7. Dr. Keshav Rai (PhD awarded: 06.08.2020). Present affiliation: Department of Microbiology, B. P Koirala Institute of Health Sciences (BPKIHS), Nepal.
8. Dr. Sondipon Chakroborty. PhD, Present affiliation: District Epidemiologist, Alipurduar CMOH. https://www.researchgate.net/profile/Sondipon-Chakraborty.
9. Dr. Pradyumna Patra (PhD awarded: 07.09.2018). Present affiliation: Medical Technologist, Canning Subdivisional Hospital, Canning.
10. Aabid Hussain: SRF, UGC-MANF, Gov. of India [Thesis submitted in September, 2021].
11. Biswajyoti Sarkar: SRF, UGC-NET, Govt. of India [Thesis will be submitted by 2021].