

Dr. Prajnamoy Pal

Associate Professor, M.Sc., Ph.D.



PERSONAL INFORMATION

- Ph. D.:** 1998, Indian Institute of Chemical Biology, Jadavpur, Kolkata
- Thesis Title:** Biochemical and physiological studies of a human placental extract in relevance to its potentiality as a therapy for vitiligo
- Ph.D. Supervisor:** Prof. (Dr.) Ranjan Bhadra, Indian Institute of Chemical Biology, Jadavpur, Kolkata
- Post-doctoral Research:** Worked with Dr. Ranjan Bhadra, IICB & Dr. Debprasad Chattopadhyay, ICMR Virus Unit, Kolkata [*presently* Director, Regional Medical Research Centre (ICMR), Belagavi, Karnataka]
- Specialization:** Organic Chemistry
- Area of Interest:** Organic Chemistry, Bioorganic Chemistry, Biological Studies of Bioactive Molecules
- Date of Joining:** August 02, 1999
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PUBLICATIONS:

1. **Pal, P.;** Roy, R.; Datta, P.K.; Dutta, A.K.; Biswas, B.; Bhadra, R. Hydroalcoholic human placental extract: skin pigmenting activity and gross chemical composition. *International Journal of Dermatology*. **1995**, 34, 61-66. [*Online ISSN: 1365-4632, I.F.:* **1.227** (as on 31.10.14)].
2. Chattopadhyay, D.; Mukherjee, T.; **Pal, P.;** Saha, B.; Bhadra, R. Altered membrane permeability as the basis of bactericidal action of methdilazine. *Journal of Antimicrobial Chemotherapy*. **1998**, 42, 83-86. [*Online ISSN 1460-2091 - Print ISSN 0305-7453, I.F.:* **5.439** (as on 31.10.14)].

3. **Pal, P.**; Mallick, S.; Mandal, S.K.; Das, M.; Dutta, A.K.; Datta, P.K.; Bera, R.; Bhadra, R. A human placental extract: *in vivo* and *in vitro* assessments of its melanocyte growth and pigment-inducing activities. *International Journal of Dermatology*. **2002**, *41*, 760-767. [Online ISSN: 1365-4632, **I.F.:** **1.227** (as on 31.10.14)].
4. Das, S.; Chatterjee, N.; Bose, D.; Banerjee, S.; **Pal, P.**; Jha, T.; Das Saha, K. Lipid isolated from a *Leishmania donovani* strain reduces *Escherichia coli* induced sepsis in mice through inhibition of inflammatory responses. *Mediators of Inflammation*, **2014**, *2014*, Article ID 409694, 15 pages [ISSN (printed): 0962-9351. ISSN (electronic): 1466-1861, I.F.: 2.417 (as on 31.10.14)].
(<http://www.hindawi.com/journals/mi/contents/6/>)

UGC MRPs:

1. Isolation and purification of a glycosidic material from a heartwood extract of *Pterocarpus marsupium* Roxb. and study of its antihyperglycemic action /15.03.2002 to 30.11.2003
2. Studies on the effects of leishmanial lipid on bacterial toxin-treated macrophages / 13.12.2010 to 12.06.2012
3. Evaluation of Bioactive Protein Isolated from *A. sativum* through Chemical, Biochemical and Biological approaches in respect of its Anti-proliferative Potentiality

Patent:

Bhadra, R.; Pal, P.; Roy, R.; Dutta, A.K. An extract from human placenta containing glycosphingolipids and endothelin-like constituent peptides for the treatment of vitiligo.

U.S. Patent no. 5690966, European Union patent nos. EP0839535A1, EP0839535B1, Indian patent no. 183075