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Dist- Burdwan, West Bengal- 713 204, India.

Date of Birth: 23/03/1980 Nationality: Indian

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Summary.....

- An academician and researcher by profession with more than 10 years of experience in Medicinal Chemistry and Molecular Biology. Achieved high standards in each academic year to date showing excellent ability across the board.
- Adaptable, flexible and willing to learn as well as trustworthy, honest, reliable and part of a team that ensures the best possible research environment.
- Finished my PhD in Pharmacy from Jadavpur University, Kolkata in 2012 and Postdoctoral Research from CSIR-Indian Institute of Chemical Biology, Kolkata in 2014.

My strengths.....

- Excellent written and oral skills, proven by being awarded funding from government organizations.
- Extensive teaching and training experience in the realm of theory and practical application of Molecular Biology, Natural Product Chemistry and Pharmacology.
- Trained in the HPLC, IR, GC and AAS.
- Solid team player with outstanding interpersonal and problem-solving skills with the ability to guide and motivate high performance squads.
- Experience in completing interdisciplinary projects during postdoctoral work.
- Project management, including oversight and training of PhD and Master degree fellows.
- An organized, effective communicator with colleagues and management and an ability to remain calm even in stressful or unexpected circumstances.
- Confident team player, thriving on challenge and with a positive, cheerful attitude to research and academic study.

Education.....

- PhD in Pharmacy, Jadavpur University, Kolkata, India. 2008-2012.
- M. Pharmacy in Pharmaceutical Chemistry, Biju Patnaik University of Technology, Rourkela, India. 2003-2005. First Class (8.4 CGPA).
- Industry Diploma in Drug Design & Patent, Bioinformatic Institute of India, Noida, India. 2005. (72%) First Class.
- B. Pharmacy, Biju Patnaik University of Technology, Rourkela, India. 1998-2003. First Class (65.88%).
- +2 science from WBCHSE, West Bengal. 1998; 2nd class (47.5%).
- Matriculation from ICSE, New Delhi. 1996; 1st year (60%).

Experience

- July 2015-Present: Professor in Pharmaceutical Chemistry, Vijaya College of Pharmacy, Munganoor, HayathNagar (M), Hyderabad-501511, AP, India.
- July 2014-June 2015: Professor in Pharmaceutical Chemistry, Deevena College of Pharmacy, Suryapet, Nalgonda- 508 213, Telangana, India.
- July 2012-June 2014: DBT-Research Associate in CSIR-Indian Institute of Chemical Biology (IICB), Kolkata, India.
- May 2009-June 2012: Assistant Professor in Pharmaceutical Chemistry, Deevena College of Pharmacy, Suryapet, Nalgonda- 508 213, Telangana, India.

- May 2006- May 2009: Lecturer, Seemanta Institute of Pharmaceutical Sciences, Jharpokharia, Odisha, India.
- Oct 2005- May 2006: Lecturer- Sri Balaji College of Pharmacy, Jaipur, India.
- May 2005 - October 2005: Lecturer, Calcutta Institute of Pharmaceutical Technology and AHS, Uluberia, India.

Awards and Fellowships.....

- Awarded Research Associate (2012-2014) by the Department of Biotechnology (DBT), New Delhi for Post Doc research.
- Received travel grants from the Department of Science and Technology (DST), New Delhi and CSIR, New Delhi, and ICMR, New Delhi, India for attending and present papers in International Conferences in USA and Thailand.

Professional Affiliations.....

- Member of American Association of Pharmaceutical Scientists (AAPS).
- Lifetime member of Association of Pharmaceutical Teachers of India (Regd. No.OR/LM-134).
- Member of Asia-Pacific Chemical, Biological & Environmental Engineering Society (APCBEEES).
- Registered Pharmacist of The West Bengal Pharmacy Council, Kolkata, India.
- Reviewer of journals like Medicinal Chemistry Research (Springer Link), Natural Product Research (Taylor & Francis), Pharmaceutical Biology (Informa Healthcare) and Science Alert journals.

Activities.....

- ❖ Served as a technical committee member in the 2013 2nd International Conference on Chemical Science and Engineering (ICCSE) December 29-30, 2013, **Malaysia**.
- ❖ Served as a technical committee member in 2nd International Conference on Life Science and Technology (ICLST 2012) January 2012, **Hong Kong**.

Publications.....

- Arijit Mondal, Tanmoy Guria, Tapan Kumar Maity. A new ester of fatty acid from a methanol extract of the whole plant of *Amaranthus spinosus* and its α -glucosidase inhibitory activity. *Pharmaceutical Biology*. 2014. Accepted, Impact factor 1.206.
- Arijit Mondal, Tanmoy guria, Tanushree Singha, Jagadish Singh, Tapan Kumar Maity. Pharmacological Actions and Phytoconstituents of *Amaranthus spinosus* Linn: A Review. *International Journal of Pharmacognosy and Phytochemical Research* 6 (2): 405-413 (2014) Impact Factor 1.10
- Arijit Mondal. Sonication assisted three phase partitioning for the extraction of palmitic acid and elaidic acid from *Cassia sophera* Linn. *Separation Science and Technology*. 2014. Accepted. Impact Factor 1.16.
- Arijit Mondal. A novel extraction of trichosanthin from *Trichosanthes kirilowii* roots using three phase partitioning and its *in vitro* anticancer activity. *Pharmaceutical Biology*. 52 (6): 677-680 (2014) Impact factor 1.206.
- Arijit Mondal, Tanushree Singha, Tapan Kumar Maity, Dilipkumar Pal. Evaluation of anti-tumor and antioxidant activity of *Melothria heterophylla* (Lour.) Cogn. *Indian Journal of Pharmaceutical Sciences*. 75 (5): 515-522 (2013). Accepted, Impact factor 0.338.
- Debopam Banerjee, Arijit Mondal, Malaya Gupta, A.K. Guha, Lalitagauri Ray. Optimization of fermentation conditions for green pigment production from *Bacillus cereus* M¹16 (MTCC 5521) and its pharmacological application. *Letters in Applied Microbiology*. 58: 25-30 (2013) Impact factor 1.6.
- Arijit Mondal, D. Rajalingam, Tapan Kumar Maity. Anti-inflammatory effect of O-methylated flavonol 2-(3,4-Dihydroxy-phenyl)-3,5-dihydroxy-7-methoxy-chromen-4-one obtained from *Cassia sophera* Linn in rats. *Journal of Ethnopharmacology*. 147 (2): 525-529 (2013) Impact factor 2.755.
- Sanjay Kumar Karan, Arijit Mondal, Sagar Kumar Mishra, Dilipkumar Pal, Kedar Kumar Rout. Antidiabetic effect of *Streblus asper* in streptozotocin-induced diabetic rats. *Pharmaceutical Biology*. 51(3): 369-375 (2013) Impact factor 1.206.

- Sanjay Kumar Karan, Dilipkumar Pal, Sagar Kumar Mishra, Arijit Mondal. Antihyperglycaemic effect of *Vetiveria zizanioides* (L.) Nash root extract in alloxan induced diabetic rats. *Asian Journal Chemistry*. 25(3):1555-1557 (2013) Impact factor 0.542.
- Arijit Mondal, Sanjay Kumar Karan, Tanushree Singha, D. Rajalingam, Tapan Kumar Maity. Evaluation of hepatoprotective effect of leaves of *Cassia sophora* Linn. *Evidence-Based Complementary and Alternative Medicine*. vol. 2012, Article ID 436139, 5 pages, 2012. doi:10.1155/2012/436139. Impact factor 1.722.
- Arijit Mondal, Tapan Kumar Maity, Dilipkumar Pal. Hypoglycaemic effect of *Melothria heterophylla* (Lour.) Cogn in normal and streptozotocin-induced diabetic rats. *Pharmaceutical Biology* 50 (9): 1151-1156. (2012) Impact factor 1.206.
- Sanjay Kumar Karan, Sagar Kumar Mishra, Dilipkumar Pal and Arijit Mondal. Isolation of β -Sitosterol and Evaluation of Antidiabetic Activity of *Aristolochia indica* in Alloxan-Induced Diabetic Mice with a Reference to In-vitro Antioxidant Activity. *Journal of Medicinal Plants Research* 6(7): 1219-1223, (2012) Impact factor 0.879.
- Tanushree Singha, Jagadish Singh, Arup Naskar, Tirtha Ghosh, Arijit Mondal, Mrityunjy Kundu, Ranjit K. Harwansh and Tapan Kumar Maity. Synthesis and Evaluation of Antiproliferative activity of 1, 2, 4-Triazole Derivatives Against EAC Bearing Mice Model. *Indian Journal of Pharmaceutical Education and Research*. 46(4): 346-351(2012) Impact factor 0.150.
- Arijit Mondal, Tapan Kumar Maity, Dilipkumar Pal. Oxygen-Dependent-Regulation of Ehrlich's Ascites Carcinoma Cell Respiration by Gallic acid and Rutin isolated from *Melothria heterophylla* (Lour.) Cogn. *Asian Journal Chemistry*. 24(6):2648-2650 (2012) Impact factor 0.542.
- Arijit Mondal, Tapan Kumar Maity, Dilipkumar Pal, Santanu Sannigrahi and Jagadish Singh. Isolation and *In vivo* hepatoprotective activity of *Melothria heterophylla* (Lour.) Cogn., against chemically induced liver injuries in rats. *Asian Pacific Journal of Topical Medicine*. 4 (8): 619-623 (2011) Impact factor 0.502.
- Jagadish Singh, Tanushree Singha, Arup Naskar, Mrityunjy Kundu, Ranjit Kumar Harwansh, Arijit Mondal, Tirtha Ghosh and T K Maity. Synthesis and Anti-Proliferative Activity of Some Isoindoline-1, 3-Dione Derivatives Against Ehrlich's Ascites Carcinoma Bearing Mice Model. *Pharmacologyonline* 2: 976-987 (2011). Impact factor 0.16.
- Santanu Sannigrahi, Upal Kanti Mazumder, Arijit Mondal, Dilipkumar Pal, Silpi Lipsa Mishra and Souvik Roy. Flavonoids of *Enhydra fluctuans* Exhibit Anticancer Activity against Ehrlich's Ascites Carcinoma in Mice. *Natural Product Communications*. 5(8): 1239-1242 (2010) Impact factor 1.242
- Jagadish Singh, Ashok Kumar B, Rajapandi R, Tirtha Ghosh, Arijit Mondal, B C Maiti and T K. Maity. Synthesis and Anticancer activity of some 1, 3, 4-Oxadiazole derivatives against Ehrlich ascites carcinoma bearing mice model. *Pharmacologyonline* 1: 406-416 (2010). Impact factor 0.16.
- Arijit Mondal, Tapan Kumar Maity, Dilipkumar Pal, Santanu Sannigrahi, Jagadish Singh, Tirtha Ghosh, G. Nagalakshmi. HPTLC Determination of phenolic Compounds and Antioxidant Activity of the aerial Parts of *Melothria heterophylla* (Lour) Cogn. *International Journal of Drug Development and Research*. 2(4): 750-757 (2010).
- Santanu Sannigrahi, Upal Kanti Mazumder, Dilipkumar Pal, Arijit Mondal, Souvik Roy. Hepatoprotective Potential of Flavonoid Rich Fraction of *Enhydra fluctuans* Against CCl₄-Induced Oxidative Damage in Rats. *Pharmacologyonline* 2: 575-586 (2009) Impact factor 0.16.
- Arijit Mondal, Tapan Kumar Maity, Dilipkumar Pal, Santanu Sannigrahi. *In vitro* antioxidant activity of the roots of *Melothria heterophylla* (Lour) Cogn. *Pharmacologyonline* 2: 499-509 (2009) Impact factor 0.16.
- Mallick S, Pattnaik S, Swain K, De PK, Saha A, Ghoshal G, Mondal A. Formation of physically stable amorphous phase of ibuprofen by solid state milling with kaolin. *Eur J Pharm Biopharm*. 68 (2): 346-351 (2008). Impact factor 3.83
- Mallick. S, Mondal. A., Sannigrahi S. Kinetic measurements of the hydrolytic degradation of cefixime: Effect of Captisol complexation and water-soluble polymers. *J Pharm Pharmacol*. 60 (7): 833-41 (2008) Impact factor 2.175
- Subrata Mallick, Satyanarayan Pattnaik, Kalpana Swain, Pintu K. De, Arijit Mondal, Gourisankar Ghoshal and Arindam Saha. Interaction Characteristics and Thermodynamic Behaviour of Gatifloxacin by Aluminium Hydroxide, *Drug Development and Industrial Pharmacy* 33: 535-541. (2007). Impact factor 1.54
- Dilipkumar Pal, Arijit Mondal, Uttam Mandal. Anthelmintic Activity of Aerial parts of *Melothria heterophylla* Lour, *Ancient science of life*, XXVI (1&2): 78-81 (2006).