

Dr. Sourav Ghosh

Professor & Head of the Dept. of Pharmacology, S. D. College of Pharmacy & Vocational studies, Muzaffarnagar, U.P. (India)

Email: souravcology@gmail.com

Mobile: 7830454550

ORCID id: <https://orcid.org/0000-0003-4796-6016>

Scopus Author id: 55757779658

Research Gate id: <https://www.researchgate.net/profile/Sourav-Ghosh-2>



OBJECTIVE

To impart intrinsic knowledge of the subject in theoretical, practical and research aspects. To indulge high quality of discipline and sincerity in the students to make them successful in their academic career and produce them as responsible and duty-minded citizens of our country

RESEARCH INTEREST

Neuropharmacological study; Mechanism based drug Developments; Isolation of Natural Products; Toxicity studies; *In-Vitro and In-Vivo* study; Molecular docking (*In-silico*) study

PROFESSIONAL EXPERIENCE

- Presently working as an professor and H.O.D (Pharmacology Dept.) in S. D. College of pharmacy & vocational studies, Muzaffarnagar, U.P. from 09/03/2022 to till date
- Served as an associate prof. in S. D. College of pharmacy & vocational studies, Bhopa Road, Muzaffarnagar, U.P. from 01/05/2015 to 08/03/2022
- Served as an assistant prof. in S. D. College of pharmacy & vocational studies, Bhopa Road, Muzaffarnagar, U.P. from 01/05/2012 to 30/04/2015
- Served as a lecturer in S. D. College of pharmacy & vocational studies, Bhopa Road, Muzaffarnagar, U.P. from 10/09/2009 to 30/04/2012
- **Total Teaching experience- Approx. 13 years**

KEY SKILLS

- *In-vitro and in-vivo* pharmacological studies
- Toxicity study
- *In-silico* study to understand possible mechanism of action
- Spectral analysis
- Familiar with computer software like MS office tools

- Good Technical and Analytical skills
- Demonstrated ability to work as a team player as well as an individual with good communication skill

ACADEMIC DETAILS

- **Ph.D. (Pharmaceutical Science):** From IFTM University, Moradabad (U.P.)
- **M. Pharma (Pharmacology):** From Calcutta Institute of Pharmaceutical Sciences and Allied Health Sciences, Uleberia, under Maulana Abul Kalam Azad University of Technology, W.B. with 83.8%
- **B. Pharma:** From Calcutta Institute of Pharmaceutical Sciences and Allied Health Sciences, Uleberia, under Maulana Abul Kalam Azad University of Technology, W.B. with 77.4%
- **XII:** From Bali High School, W.B.C.H.S.E. Board in 2003 with 61%
- **X:** From Arambagh High School, W.B.S.E.Board in 2001 with 68.5%

PROFESSIONAL AFFILIATION

Registered pharmacist, West Bengal Pharmacy Council, salt lake (W.B.), India (Registration No. A8632)

Ph.D. TOPIC

Title: “Neuropharmacological studies on some traditional medicinal plants”

TRAINING PROGRAMME

Bioequivalence study course from Bioequivalence study centre, Jadavpur University, Jadavpur, West Bengal

INDUSTRIAL EXPOSURE

- Completed industrial training at Blue Cross Laboratories Pvt Ltd, Verna, Goa in 2006
- Join as a trainee in Dabur Pharma Pvt.Ltd, Kalyani, West Bengal in 2007.

ARTICLES PUBLISHED

- **Ghosh S, Kumar A, Sachan N, Chandra P.** Evaluation of the Antidepressant-like Effect of Total Sterols Fraction and Stigmasterol Isolated from Leaves of *Aegle marmelos* and Possible Mechanism (s) of Action Involved. *Current Drug Discovery Technologies*. 2022; 19(2) : e290721195144

- **Ghosh S**, Kumar A, Sachan N, Chandra P. Anxiolytic and antidepressant-like effects of essential oil from the fruits of *Piper nigrum* Linn.(Black pepper) in mice: involvement of serotonergic but not GABAergic transmission system. *Heliyon*. 2021 Apr 1; 7(4):e06884.
- Garg A, Kumar A, Singh V, Agarwal K, **Ghosh S**. Design, Synthesis and Biological Evaluation of Some New Piperazine Associated Hydrazone Derivatives. *Journal of Cardiovascular Disease Research*. 2021; 12(5); 686-695
- **Ghosh S**, Kumar A, Sachan N, Chandra P. Re-exploring an Epicentre Spice with Immense Therapeutic Potentials: Black Pepper (*Piper nigrum*). *Current Nutrition & Food Science*. 2020 Dec 1; 16(9):1326-37.
- **Ghosh S**, Kumar A, Sachan N, Aggarwal I, Chandra P. GABAergic and Serotonergic System Mediated Psychoneuropharmacological Activities of Essential Oil from the Leaves of *Aegle marmelos*: An in vivo and in silico Approach. *Journal of Essential Oil Bearing Plants*. 2020 Nov 1; 23(6):1265-82.
- **Ghosh S**, Kumar A, Sachan N, Chandra P. Bioactive Compounds and Distinctive Pharmacological Activity Guided Review of *Aegle marmelos*: A Miraculous Plant of Indigenous Medicine System. *Current Bioactive Compounds*. 2020 Oct 1; 16(7):965-77.
- Kumar A, **Ghosh S**. An experimental evaluation of *Ageratum conyzoides* on membrane stabilization and protein denaturation during acute inflammation and arthritis. *Biomedical and Pharmacology Journal*. 2011 Mar 29; 4(2):313-7.
- Kumar A, Singh V, **Ghosh S**. Anticonvulsant activity of 1,3,4-oxadiazole, *Journal of Pharmacy Research*, 2012, 5(6), 3092-3095
- Kumar A, Singh V, **Ghosh S**. An experimental evaluation of in vitro immunomodulatory activity of isolated compound of *Ricinus communis* on human neutrophils. *International Journal of Green Pharmacy (IJGP)*. 2011; 5(3).
- **Ghosh S**, Upadhyay A, Singh A, Kumar A. Investigation of antimicrobial activity of silver nano particle loaded cotton fabrics which may promote wound healing. *International Journal of Pharma and Bio Sciences*. 2010; 1(3):1-0.
- Debasish D, **Ghosh S**, Roy AK, Haque R, Samanta S. Study of antioxidant activity of *Hygrophila difformis*. *Int. J. Drug Dev. & Res*. 2010; 2:113-20.
- **Ghosh S**, Debasish D, Samir S, Gupta A, Chaudhary R, Evaluation of synergistic effect of methanolic leaves extract of *Hygrophila difformis* on prolongation of sleeping time along with thiopentone sod. - A comparative study with diazepam, *International Journal of Pharma Professional's Research*. 2010;1(1)
- **Ghosh S**, Rajvanshi A, Kishun S. Assessment the influence of patient counseling on

quality of life in type-II diabetes mellitus patients. Int J Pharm Bio Sci. 2010; 1:1-6.

- **Ghosh S**, Malik S, Gupta A, Chaudhary R. A prospective, observational cohort study to elicit adverse effects of anti-tuberculosis drugs among patient treated for active tuberculosis. J Pharm Res. 2010; 3:10-6.
- **Ghosh S**, Vikas V, Gupta A, Chaudhary R. Evaluation of the practice of self-medication among college students in west Uttar Pradesh. International Journal of Pharma Professional's Research. 2010; 1(1):14-8.
- **Ghosh S**, Ali S, Chhabra L, Prasad C, Gupta A. Investigation of attitudes and perception of medical practitioners on adverse drug reaction reporting-a pilot study. T Ph Res. 2010; 3(6):1-9.
- Debasish D, **Ghosh S**, Subhasish M, Rabiul H, Samir S. Study of hepatoprotective effect of *Hygrophila difformis* Lf Blume (Acanthaceae) roots against paracetamol induced hepatotoxicity in rats. Int J ph Sci. 2009; 1:323-9.

PATENT

- Abhishek Tiwari, Varsha Tiwari, Manish Kumar, Arvind Kumar, Vaishali Singh, **Sourav Ghosh**, Suresh Kumar, Renu Saharan, Sunil Singh, Vipin Saini and Anand Poddar. Norflaxacin reverse Gelatinization gel: Development, Characterization and evaluation. Patent: Application No. 202211015546. 1st April, 2022
- Ruchi Tiwari, Sailesh Kumar, Adhay Kumar, **Sourav Ghosh**, Ramendra Singh, Rajesh Kumar, A composition and method for synthesizing corticosteroid loaded hybrid nanoparticles. Patent: Application No.2022/07709 (**Granted**) 28 Sept, 2022

BOOKS PUBLISHED

- **Ghosh S**, Kumar A, Singh V. “Pharmacological studies on *Hygrophilla difformis*”. ISBN: 978-3-659-15596-3. Lambert Academic Publishing (Germany).
- Kumar A, Singh V, **Ghosh S**. “Butenolide: A Novel Synthesis and Biological Activities” ISBN: 978-3-659-13266-7. Lambert Academic Publishing (Germany)

PRESENTED (ORAL/POSTER) IN INTERNATIONAL OR NATIONAL CONFERENCE

- Ghosh, S., Kumar, A., and Chandra, P., 2020, February. Neuropharmacological activities of leaves of *Aegle marmelos* (L) Corr.: Oral presentation in 7th International congress of the Society for Ethnopharmacology. Jamia Hamdard, New Delhi, India.
- Ghosh, S., Kumar, A., and Chandra, P., 2019, February. Traditional herbs in neurological

disorders: Poster presentation in national conference on recent advances in pharmacovigilance measure affecting drug development and industry output. Shobit University, Gangoh, U.P., India.

- Ghosh, S., Kumar, A., Singh, B., and Iggarwal I, 2022, April, Neuropharmacological action of total sterol fraction isolated from leaves of *Aegle marmelos* in 1st Paramedicon on Innovation in modern/traditional health sciences and medical technology, Banaras Hindu University, Mirzapur, U.P., India. **(Invited Speaker)**
- Ghosh, S., Kumar, A. and Singh, B, 2022, May, Overview of traditional medicinal system in India in National conference on Intellectual property rights of pharmaceuticals 2.0, Pranveer Singh Institute of Pharmacy, U.P., India

CONFERENCES / WORKSHOPS/ SEMINARS ATTENDED

- International Symposium on Safety Assessment under materirovigilance and pharmacovigilance programs, DPSRU, New Delhi, India (May, 2022)
- AICTE approved on national conference on Intellectual property rights of pharmaceuticals 2.0, Pranveer Singh Institute of Pharmacy, U.P., India (May, 2022)
- FDP on Research Methodology, Graphic Era Hill University, College of Pharmacy, Bhimtal Campus, U.K., India (April, 2022)
- UGC approved training course on “Emerging Trends and Alternatives in Pharmacological Research” Organized by UGC networking Resource centre, University Institute of Pharmaceutical Sciences (UIPS), Punjab University, Chandigarh. (Feb, 2022)
- Webner on “HPTLC applications in polyherbal formulation standardization using merkers”. KIET School of Pharmacy, Ghaziabad, U.P. (2022)
- Webner on “Innovative trends in phytopharmacology”. IFTM University, Moradabad, U.P. (May, 2020)
- 7th International congress of the Society for Ethnopharmacology. Jamia Hamdard, New Delhi, India. (February, 2020)
- National conference on recent advances in pharmacovigilance measure affecting drug development and industry output. Shobit University, Gangoh, U.P., India. (February, 2019)
- National level workshop on “Role of intellectual property rights in biotechnology and pharmaceutical industries” jointly organized by S. D. College of Pharmacy & Vocational Studies, Muzaffarnagar and IIPTA, Delhi. (January, 2012)

AWARDS & ACHIVEMENTS

- Best Teacher Awards in 2020 (SDCOP&VS)
- College Topper throughout the M.Pharmacy Course

CONSULTANCY PROJECT

- Worked as an Invigilator in consultancy project entitled “Development of polyherbal tooth gel having antiviral property” in 2021
- Work as an Invigilator in consultancy project entitled “Development of polyherbal formulation having immunomodulatory activity” in 2022

REVIEWERSHIP IN JOURNAL

- Natural Product Research of Taylor & francis publication (Impact factor- 2.861)

PERSONAL DETAILS

Date of Birth: March 2, 1986
Father’s Name: Mr. Debiprasad Ghosh
Mother’s Name: Mrs. Jharna Ghosh
Languages Known: English, Hindi & Bengali.
Marital Status: Married
Address: Vill- Bagajal, P.O- Arambagh, Dist- Hooghly
Pin- 712601 (W.B.)

DECLARATION

I hereby declare that all the details furnished above are true to the best of my knowledge and if found false, I am responsible.

Place
(Muzaffarnagar)

(Sourav Ghosh)