

Teacher's Profile

General Information

Name: Dr. Shreyasi Palit

Designation: Assistant Professor

Department: Biochemistry

Contact Information: mail2shreyasi@gmail.com

Specialization: Microbiology, Biochemistry

Area of Teaching: Biochemistry, Microbiology, Cell Biology, Molecular Biology, Immunology
Recombinant DNA technology

Date of joining Sarsuna College - 01/03/2017

Position Held [previous service]:



Name of the Employer	Position Held	Duration/Year
CSIR-Indian Institute of Chemical Biology Jadavpur, Kolkata-32	Research Associate (NASI)	2015-2017
CSIR-Indian Institute of Chemical Biology Jadavpur, Kolkata-32	Ph. D. Fellow	2009-2014

Academic Qualification:

Degree	College/University/Institution	Year
B.Sc (Microbiology)	Asutosh College, University of Calcutta	2006
M.Sc (Biochemistry)	University of Calcutta	2008
Ph. D. (Biochemistry)	University of Calcutta	2014

Degree	Title of Thesis/ Project	Institution	Year
Ph. D.	Mechanistic details of chemo-prevention of human cancer by naturally occurring biological compounds.	CSIR-Indian Institute of Chemical Biology	2014
Summer Project (M.Sc)	Expression of MCM5 gene and the single nucleotide polymorphism in Ku80 & TRF2 in normal individual and oral cancer and pre-cancer patients	CSIR-Indian Institute of Chemical Biology	2007

- Qualified Graduate Aptitude Test in Engineering (GATE), Life Sciences, 2009.
- Qualified CSIR-UGC NET (National Eligibility Test) in Life Sciences- JRF (Junior Research Fellow) and LS (Lecturership), December 2008.

Research Publications

Articles:

1. *Leishmania donovani* inhibits inflammasome-dependent macrophage activation by exploiting the negative regulatory proteins A20 and UCP2. Gupta AK, Ghosh K, **Palit S**, Barua J, Das P K, Ukil A. *FASEB J.* 2017. Nov;31(11):5087-5101.
2. Roy S, Gupta P, **Palit S**, Basu M, Ukil A, Das P. K. The role of PD-1 in regulation of macrophage apoptosis and its subversion by *Leishmania donovani*. *Clin Transl Immunology.* 2017. May; 6(5): e137.

3. Giri J, Srivastava S, Basu M, **Palit S**, Gupta P, Ukil A.. *Leishmania donovani* exploits myeloid cell leukemia 1 (MCL-1) protein to prevent mitochondria dependent host cell apoptosis. *J Biol Chem.* 2016. Feb 12; 291(7):3496-507.
4. **Palit S**, Kar S, Sharma G, Das P.K. Hesperetin induces apoptosis in breast carcinoma by triggering accumulation of ROS and activation of ASK1/JNK pathway. *J Cell Physiol.* 2015 Aug; 230(8):1729-39.
5. Kar S[#], **Palit S[#]**, Basu Ball W, Das P.K. 2012. Carnosic acid modulates Akt/IKK/NF- κ B signaling by PP2A and induces intrinsic and extrinsic pathway mediated apoptosis in human prostate carcinoma PC-3 cells. *Apoptosis.* 2012. 17:735-747.
contributed equally.
6. Sharma G, Kar S, **Palit S**, Das P.K. 2012. 18 β -Glycyrrhentic acid induces apoptosis through modulation of Akt/FOXO3a/Bim pathway in human breast cancer MCF-7. *J Cell Physiol.* 2012. 227: 1923-1931.

Books Chapters:

1. Extracellular Matrix Interacting Proteins of Trypanosomatids: Adhesion and Invasion of Host Tissues. Shreyasi Palit and Pijush K. Das. *Molecular Biology of Kinetoplastid Parasites.* Caister Academic Press, U.K. (2018) Pages: 207-220.

Seminar/Workshop/others attended

1. Attended the Workshop on 'A Roadmap of better performance in Biochemistry Honours' under CBCS held in the Department of Biochemistry, Vidyasagar College, Kolkata on 20th August 2019.

2. Attended the Workshop on 'A Roadmap of better performance in Biochemistry Honours' under CBCS held in the Department of Biochemistry, Vidyasagar College, Kolkata on 11th October 2018.
3. Attended the Workshop for U.G Biochemistry Teachers on B.Sc. Syllabus in Biochemistry (Hons. & General) under CBCS system held in Department of Biochemistry, University of Calcutta on 2nd July, 2018.
4. Participated in One Day Seminar on Concept of Newer Approach to Build Healthier India organized by Department of Biochemistry & Health Care Unit, Asutosh College on 31st August 2018.
5. Participated in the One Day National Symposium on 'Interface Areas Between Chemical and Biological Sciences' on 31st July, 2018 at Lady Brabourne College, Kolkata.
6. Attended the Workshop on B.Sc. Biochemistry (Hons.) Part III Practical (Microbiology) for College Teachers organized by Department of Biochemistry, with assistance of the Department of Microbiology and the BOOST Laboratory, Asutosh College on 5th and 6th June, 2017.
7. Participated in the Indo-Brazil Symposium on Biochemistry of Kinetoplastid Parasites organized by CSIR-Indian Institute of Chemical Biology, Kolkata on September 19-20, 2016.
8. Presented and won the 1st prize in poster in the 3rd International Cancer Research Symposium 2012 on Defining & Translating Science for Disease Prevention and Therapy on 18th to 21st December, 2012 at Kolkata, India.
9. Presented a poster in the 81st Annual Meeting of the Society of Biological Chemists (India) on Chemistry & Biology: Two Weapons Against Diseases on 8th to 11th November, 2012 at Science City, Kolkata, India.

10. Presented poster in the First International Meet on Advanced Studies on Cell Signaling Network (CeSiN-2012) on 11th to 13th September, 2012 at CSIR-Indian Institute of Chemical Biology, Kolkata, India.
11. Attended the “CME cum Workshop on Stem Cell Therapy and Research” organized by Netaji Subhash Chandra Bose Cancer Research Institute, Kolkata on December 27th and 28th, 2011 at Kolkata, India.
12. Presented a poster in the 80th SBC(I) Annual Meeting and Conference on “Metabolic Pathway Modulations-Applications in Health and Agriculture held at CSIR-Central Institute of Medicinal and Aromatic Plants during 12th to 15 November, 2011 at Lucknow, India.
13. Participated in Training Programme on Laboratory Safety: Radiation Safety, Chemical Safety & Bio-Safety organized by Indian Institute of Chemical Biology on 7th September, 2009 at Kolkata, West Bengal.
14. Participated in the symposium on “Current Trends in Biological Sciences” organized by SBC(I), Kolkata from 4th to 6th September, 2009 at Digha, West Bengal.
15. Participated in an workshop on “Enzyme Linked Immunosorbent Assay (ELISA) and molecular techniques for diagnosis of infectitious diseases” sponsored by Department of Science and technology, Government of West Bengal at the Department of Gastroenterology of Institute of Post Graduate Medical Education and Research from 23rd to 25th February, 2006 at Kolkata, India.