

## Curriculum Vitae



**NAME: DR. PUJA ROY**

**DATE OF BIRTH:** 18/02/1994

**LANGUAGE PROFICIENCY:** English, Bengali, Hindi

**CONTACT DETAILS:**

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**Present position:**

Assistant Professor, Department of Medical Laboratory Technology, School of Allied Health Sciences, Swami Vivekananda University, Barrackpore. West Bengal, India.

**ACADEMIC CAREER :**

QUALIFICATION	UNIVERSITY/INSTITUTE NAME	COLLEGE/INSTITUTE NAME
Doctor of Philosophy	University of Calcutta	Serampore College
Master of Science	University of Calcutta	Serampore College
Bachelor of Science	University of Kalyani	Krishnanagar Government College

- **Ph.D. Thesis work :** “Protective Effect Of Resveratrol On Heat Exposed Stress Induced Testicular Dysfunction” under the supervision of Dr. Asima Das.
- **Field of expertise :** Endocrinology & Reproductive Physiology, Strees Physiology, Environmental Physiology, and Environmental Toxicology. Fine animal dissection ability, Experimental physiology and histological works.
- **Computer knowledge :** Diploma in Computer Applications, MS office
- **Presentation of Work:**

**Poster presentation:**

**1. “Modulation of heat shock protein (HSP) expression by resveratrol in the testicular cells as a major protective action against acute whole body heat exposure.” Puja Roy, Soumya Sundar Kumar, Asima Das.** XXXth Annual Conference of the Physiological Society of India (PSI)- Frontiers in Translational Physiology: Molecules to Public Health, organized by Department of Physiology (UG &PG), Serampore College, held during 22nd - 24th November, 2018.

**2. “Protective Effect of Resveratrol against whole body heat induced oxidative damage in testicular tissue.” Puja Roy, Soumya Sundar Kumar, Asima Das.** National Conference on Future India: Science and Technology, jointly organized by City College and Indian Science Congress association Kolkata, held during 27th -28th February, 2019.

**Oral presentation:**

**1. “Thermo-inflammatory Nrf2-NfκB redox imbalance and its modulation by resveratrol in testicular tissue.” Puja Roy, Soumya Sundar Kumar, Asima Das.** 4th Regional Science Congress (Western Region), 2019, jointly organized by University of Burdwan, and Department of Science and Technology and Biotechnology, Government of West Bengal, held during 9- 10 December, 2019.

**Webinar/ Workshop/Seminar Attended:**

1. 4 th Regional Science & Technology Congress (Western Region), jointly organized by The University of Burdwan and Department of Science & Technology and Biotechnology Government of West Bengal, December 9-10, 2019.
2. One-day National symposium on “Molecular Aspects of Human Diseases” at the Department of Physiology, Serampore College, held on 19th March, 2016.
3. Hands-on Training on: Flow Cytometry (Basic) from February 4-8, 2016. Organized by Department of Physiology (UG &PG), Serampore College, Serampore, Hooghly in collaboration with Cytometry Solutions Pvt. Ltd., Kolkata.
4. XXXth Annual Conference of the Physiological Society of India (PSI)- Frontiers in Translational Physiology: Molecules to Public Health, organized by Department of Physiology (UG &PG), Serampore College, held during 22nd -24th November, 2018.
5. Annual Scientific Seminar organized by Department of Physiology (UG &PG), Serampore College.
6. National Conference on Future India: Science and Technology, jointly organized by City College and Indian Science Congress association Kolkata, held during 27th -28th February, 2019.
7. Public lectures on: Radiation Hazard and Related Issues in Diagnostic Radiology; Past, Present and Future of Cancer Radiotherapy, organized by Society For Radiation Research (SRR) on its fourth foundation anniversary jointly with Department of Physiology, University of Calcutta, on 15th December, 2018.
8. One-day seminar organized by Department of Physiology, University of Calcutta and Indian Science Congress Association, Kolkata. Estrogen Stimulation of Primordial Follicle Assembly Requires. The Action of Bone Morphogenic Protein-2 (BMP2), held on 11th January 2019.
9. Scientific Interaction on Emerging Biomedical Sciences, Indian Association of Biomedical Scientists, IABMS Eastern Regional Chapter (ERC) organized by University of Calcutta on 20th august, 2016.

10. Webinar on “Immune Response to SARS-CoV-2 and Treatment Strategy” organized by Department of Physiology, Raja Peary Mohan College, Uttar Para, Hooghly on 2nd August, 2020.

11. Two-day Webinar on “Host-Microbe Interactions: Present and Future Perspectives” organized by School of Biotechnology, Department of Life Sciences, Presidency University, Kolkata, held on August 6-7, 2020.

**Publication:** “Resveratrol Protects Whole Body Heat Stress-Induced Testicular Damage in Rat Model”. Puja Roy, Soumya Sundar Kumar, Asima Das. Asian Journal of Pharmaceutical and Clinical Research. Vol 15, Issue 5, 2022.