

CURRICULUM VITAE

NAME Mrs. Piyali Mazumdar

PERSONAL DETAILS Nationality: Indian
Gender: Female
Father's Name: P.K Mazumdar
Marital Status: Married
Languages: English, Bengali, Hindi
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CONTACT INFORMATION *Permanent Address:*
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| EDUCATION | Course | Year of passing | Board / College/ University | Marks (CGPA) |
|-----------|--|-----------------|-------------------------------------|-----------------------------------|
| | Ph. D (Life Sciences) | Ongoing | Presidency University, Kolkata | NA |
| | Integrated M. Sc | 2015 | St. Xavier's College Kolkata | First Class 7.29 |
| | High Secondary School 12 th | 2010 | Kendriya Vidyalaya, No-2, Kharagpur | First Class 8.6 |
| | Secondary School 10 th | 2008 | Kendriya Vidyalaya, No-2, Kharagpur | First Class 8.8 |

**CAREER
OBJECTIVE**

An analytical, determined, emotionally intelligent and focused person who aims to develop a niche for herself in the field of reproductive biology.

**RESEARCH
WORKS**

- **Reproductive Endocrinology-** Pursuing Ph.D
Supervisor: Dr. Shampa Sarkar Biswas
Assistant Professor, Department of Life Sciences
Presidency University, Kolkata
- **Reproductive Biology-** Molecular mechanism in follicular fluid of women with polycystic ovarian syndrome: good predictors of oocyte quality?
Supervisor: Dr. Koel Chaudhury (Professor),
School of Medical Science And Technology,
Indian Institute of Technology, Kharagpur.
Area of study: Reproductive health
Time period: January-May,2015
Area of study: Reproductive Endocrinology
Time period: Ongoing (July 2019 - ongoing)

**WORK
EXPERIENCE**

- **Freelancing-** Biotechnology/biology content writer (College level)
Time period- October 2019- January 2022
- **Neonatal Immunology-** Zinc as an adjunct for the treatment of clinically severe infections in infants younger than 2 months.
Supervisors: 1. Dr. Shailaja Sopory (Scientist E),
2. Dr. Nitya Wadhwa, MD (Assistant Professor),
Pediatric Biology Centre, Translational Health Science and
Technology Institute, Faridabad, Haryana.
Area of study: Pediatric Clinical Immunology
Time period: July 2016-July 2018

**AREA OF
INTEREST**

- Physiology
- Immunology
- Genetics
- Medical Biotechnology

**WORKSHOPS
& SEMINARS**

- E-Poster presentation at “**1st Virtual International Conference on Biotechnology and Bioinformatics**” on 26th-27th February 2022, conducted by Insight Bio-solutions, France.
- E-Poster presentation at “**International Conference on Challenges and Strategies in Reproductive and Environmental Health during and after Covid-19 Pandemic (ISSRF-2021)**” on 19th-21st February 2021,

- conducted by Indian Society for the Study of Reproduction and Fertility.
- E-poster presentation at “**International Online Conference on Pharmacovigilance and Clinical Research**” organized by Ashokrao Mane College of Pharmacy, Peth Vadgaon in association with Indian Pharmaceutical Association, Kolhapur Branch on 1 and 2 August 2020.
- Attended the **19th All India Congress of Genetics and Genomics and International Special Symposium on “Impact of Air Pollution on Human Genomes**” December 2-4, 2019 at CSIR-Indian Institute of Chemical Biology, Kolkata.
- Attended workshop on “**Overview of Cellular & Molecular immunology**” at THSTI (February 1-4, 2018).
- Selected for the training program on “**Good Clinical Laboratory Practice**” conducted at THSTI & organized by CDSA (11th December 2017).
- Workshop attended on “**Quantitative methods in biomedical research**” by Dr (Prof) J.P Muliyl, former principal of CMC Vellore, India organized by THSTI (23-24th June, 2017)

SKILLS

A) LAB BASED

- Gel electrophoresis
- Western blotting
- Fluorescence activated cell sorting (FACS)
- Immunohistochemical staining
- Histology

B) SOFT SKILLS

- Leadership
- Communication
- Problem solving/troubleshooting
- Time management
- Team work

AWARDS AND HONOR

- Qualified Graduate Aptitude Test in Engineering (GATE Biotechnology) Exam in February 2018 (**94 percentile**).
- Qualified CSIR UGC NET-LS Exam in June 2017 (**Rank-51**).

PUBLICATION

- “**The COVID-19 Pandemic and Relevant Concerns for Pediatric Neurologists**”, book chapter published in ‘Quality of Healthcare in the Aftermath of the COVID-19 Pandemic’ by IGI Global.
- “**Insight into role of SARS-Cov-2 host cell entry receptors and impact on fertility**”, book chapter published in ‘COVID-19 & YEAR 2020 Volume II’ by Notion Press.

**EXTRA-
CURRICULAR
ACTIVITIES**

- Trained classical dancer (both Odissi & Bharatnatyam).

**SOCIAL
ACTIVITIES**

- Actively volunteered kids (class 6-9) of Missionaries of Charity, Mullick Bazar, Kolkata during my college days.
- Have taken classes for underprivileged kids along with my other colleagues for their admission in Government Schools in Faridabad, Haryana during my tenure as Research fellow in THSTI.

REFEREES

1. Dr. Shampa Sarkar Biswas (Ph.D)
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2. Dr. Shailaja Sopory (Ph.D.)
Scientist E
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Date: 02.04.2022
Place: Kolkata, India

Piyali Mazumdar
(PIYALI MAZUMDAR)