

# Resume



Dr. Pubali Mitra, M.Sc., Ph.D.

## ❖ Personal Details

Sex- Female  
Date of Birth: 25.07.1991  
Nationality: Indian

## Contact Details:

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## ❖ Current Position:

Assistant Professor, Department of Zoology,  
City College (Affiliated to University of Calcutta),  
102/1 Raja Rammohan Sarani, Kolkata-700009.

## ❖ Educational qualifications:

Course	University
B.Sc. in Zoology (HONS.), 2013.	Bethune College (Affiliated to University of Calcutta)
M.Sc. in Zoology, 2015. (Special Papers: Endocrinology & Fisheries science)	University of Calcutta
Ph.D. in Zoology, 2020.  Thesis topic- "Association Of CALCR, PTH And TRPV5 Gene Polymorphisms With Kidney Stone Disease In The Population Of West Bengal, India".	University of Calcutta

### ❖ Previous working experience:

Sl. No.	Post	College, University and Organisation	Department	Duration
1	Senior Zoological Assistant	Zoological Survey of India		1 Year

### ❖ Area of expertise and Research Interest:

**Expertise:** Endocrinology, Taxonomy, Genetics

**Research Interest:** Human genetics

### ❖ Publication:

List of Paper(s) Published in SCI/SCI(E) Journals [UGC Approved].

1. **Mitra P**, Guha M, Ghosh S, Mukherjee S, Bankura B, Pal DK, Maity B, Das M. Association of Calcitonin Receptor gene (*CALCR*) polymorphism with kidney stone disease in the population of West Bengal, India. *Gene* 2017; 622: 23-28.
2. **Mitra P**, Maity B, Pal DK, Das M. Polymorphisms of PTH (Parathyroid Hormone) gene and risk of kidney stone disease: a case-control study from West Bengal, India. *Urology* 2018; 121 (79): 79-85.
3. **Mitra P**, Pal DK, Das M. Association of *TRPV5* gene polymorphism with calcium urolithiasis: a case-control study from West Bengal, India. *World Journal of Urology* 2019; *World Journal of Urology* 2019; 38 (5): 1311-1322.
4. **Mitra P**, Pal DK, Das M. Does quality of drinking water matter in kidney stone disease: A study in West Bengal, India. *Investigative and Clinical Urology* 2018; 59 (3): 158-165.
5. Guha M, Banerjee H, **Mitra P**, Das M. Demographic diversity of food intake and prevalence of kidney stone diseases in the Indian continent. *Foods* 2019; 8(1): 37.
6. Mukherjee S, Guha M, Adhikary B, Bankura B, **Mitra P**, Chowdhury S, Das M. Genetic alterations in Pendrin (*SLC26A4*) gene in adult hypothyroid patients. *Hormone and Metabolic Research* 2017; 49(09): 680-686.
7. Moniruzzaman M, Mukherjee J, Jacquin L, Mukherjee D, **Mitra P**, Ray S, Chakraborty SB. Physiological and behavioural responses to acid and osmotic stress and effects of *Mucuna* extract in Guppies. *Ecotoxicology and Environmental Safety* 2018; 163: 37-46.
8. **Mitra P**, Chatterjee S, Paul N, Ghosh S, Das M. An overview of endocrine disrupting chemical paraben and search for an alternative- A review. *Proceedings of the Zoological Society* 2021; 74(4): 479-493.

## **Books:**

### **Book Chapter**

1. Name of book: Comprehensive Life Sciences (Volume 1)

Name of unit: Unit 6 (Diversity of life)

Year of publication: 2021

Publisher: Viva publisher, New Delhi

ISBN: 9789390054886

2. Name of book: Replication of GATE Life Science and Biotechnology

Name of chapter: Chapter 5 (Genetics)

Year of publication: 2021

Publisher: Notion Press, Chennai

ISBN: 1639976655

3. Maity A, Mitra A, **Mitra P**, Singh S, Chowdhury M, Sengupta J, Naskar A and Banerjee D.

*A study on diversity and relative abundance pattern of Tabanidae (Insecta: Diptera) from dry deciduous protected forest habitat of Bankura district of West Bengal, India.* Book of Abstracts, Animal Taxonomy Summit 2023 (ISBN: 978-81-8171-615-6).

### ❖ [List of Participation in Seminar, Conference and Workshop](#)

#### **Invited Lectures:**

Title of the lecture- 'Research Methodology: The Past, Present and Future of Taxonomy'

Organised by South Calcutta Girls' College on 16.10.2023

#### **International/National:**

MODE	ORGANISER OF SEMINAR	TOPIC OF PRESENTATION	DATE
Poster	<b>International</b> seminar on 'Recent Developmental Trends in Biological Research' organised by Acharya Prafulla Chandra College, New Barrackpore, Kolkata 700131	Diptera: A Boon or Bane amongst insects	15.07.2023
Oral	Central Calcutta Science & Culture Organisation for Youth in cooperation with Department of Science & Technology and Biotechnology, Government of West Bengal	Polymorphisms In TRPV5 Gene Associated With Increased Risk Of Calcium Urolithiasis In West Bengal, India	04.12.2022
Poster	<b>International</b> seminar on ' <i>Elements of periodic table in the chemical avenues of biological world</i> ' organised by South Calcutta Girls' College	Nephrolithiasis and its association with genes	17.12.2019

Oral	19 <sup>th</sup> All India Congress of Genetics and Genomics & <b>International Symposium</b> on “ <i>Air pollution and its impact on human health</i> ” jointly organised by CSIR-IICB & Archana Sharma Foundation of Calcutta	Association of <i>TRPV5</i> gene polymorphisms with increased risk of urolithiasis-a study from West Bengal, India	02.12.2019-04.12.2019
Oral	India <b>International Science festival</b> 2019 organised by Ministry of Science and Technology, Government of India	Association of genetic polymorphisms with risk of urolithiasis: a case-control study	05.11.2019-08.11.2019
Poster	6 <sup>th</sup> India Biodiversity Meet ( <b>International Conference</b> ) organised by Indian Statistical Institute, Kolkata	Heat exposure: a major contributor to rising incidence of urolithiasis	14.02.2019-16.02.2019
Poster	44 <sup>th</sup> Annual ( <b>International</b> ) Conference of the Indian Society of Human Genetics on <i>Genomics for Health and Precision Medicine</i>	Association of calcium homeostatic genes with the increased risk of nephrolithiasis: A case-control study from West Bengal, India	30.01.2019-01.02.2019
Poster	<b>International Conference</b> INTZOOCON 2018 organised by Department of Zoology, University of Calcutta	Association of <i>CALCR</i> (Calcitonin Receptor) gene polymorphisms with kidney stone disease	01.02.2018-03.02.2018
Poster	18 <sup>th</sup> All India Congress of Cytology and Genetics & <b>International Symposium</b> on “ <i>Translating Genes &amp; Genomes</i> ” jointly organised by CSIR-IICB & Archana Sharma Foundation of Calcutta	Polymorphisms in <i>CaSR</i> , <i>CALCR</i> , <i>VDR</i> Genes and Their Association with Increased Risk of Nephrolithiasis	29.01.2018-31.01.2018
Oral	<b>International Seminar</b> on ‘ <i>Advances in Biological Techniques</i> ’ organised by Raja Peary Mohan College, Uttarpara	Single nucleotide polymorphisms (rs1801197 and rs1042138) of <i>CALCR</i> gene is associated with kidney stone disease	02.11.2017-04.11.2017
Poster	<b>National Seminar</b> on Sustainable Environment & Healthcare organised by Dr Tarak Nath Podder Memorial Foundation	High Temperature: a Contributor to Rising Incidence of Kidney Stone Disease??	05.06.2017
Poster	UGC Sponsored <b>National Conference</b> organised by Victoria College, Kolkata	Clinical Manifestations of PCOS in Kolkata: A Preliminary Study	07.09.2016-08.09.2016