

## Curriculum Vitae



**Dr. Devanjali Bhattacharya (M.Sc., PhD)**

### A. Biography:

**Name** : **Dr. Devanjali Bhattacharya**  
**Father's name** : Late Mr. Asit Bhattacharya  
**Mother's name** : Mrs. Shubhra Bhattacharya  
**Gender** : Female  
**Category** : General  
**Nationality** : Indian (Natural Citizen of India)  
**Language(s) Known:** **Spoken** : Bengali, English, Hindi  
**Written** : Bengali, English, Hindi  
**Mother Tongue:** Bengali

### **Communicating address:**

**Residence** : N 273 Fatehpur 2<sup>nd</sup> lane, Flat no. 8  
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### **B. Academic Qualifications:**

1. B.Sc. in Physiology from University of Calcutta in 2006
2. M.Sc. in Physiology from University of Calcutta in 2008
3. Qualified State Eligibility Test (SET) for Assistant Professor by West Bengal College Service Commission in 2018.
4. PhD in Science (Physiology) from University of Calcutta in 2022

### **Title of Thesis:**

**“Effect of High Casein Diet on Amelioration of Mobile Phone Radiation Induced Physiological Changes in Male Swiss Albino Mice”**

### **C. Awards and Prizes:**

1. **ISCA (Indian Science Congress Association) Best poster award (1<sup>st</sup> Prize)** in annual conference of 103<sup>rd</sup> Indian Science Congress Association, Section of Medical Sciences (including Physiology), held at University of Mysore, Mysuru, India.
2. **Best Poster Award (2<sup>nd</sup> Prize) in International Conference on “Biomolecules to Biome”**, held at Presidency University, Kolkata, India.

### **D. Present Position:**

Working as State Aided College Teacher, Category 1 in Harimohan Ghose College, Department of Physiology since 2008.

### **E. Teaching Experience:** Total 15 years

1. Udaynarayanpur Madhabilata Mahavidyalaya under University of Calcutta (Dept. of Food & Nutrition) 6 years (Guest Lecturer)
2. Ramsaday College, Amta, under University of Calcutta (Dept. of Food & Nutrition) 4 years (Guest Lecturer)
3. Sree Chaitanya Mahavidyalaya, Habra under West Bengal State University (Dept. of Food and Nutrition) 2 years (Guest Lecturer)
4. Harimohan Ghose College, Kolkata under University of Calcutta (Dept. of Physiology) 15 years (State Aided College Teacher, Category 1)

## **F. Publications:**

### **Journals:**

1. Biswas P., **Bhattacharya D.**, Gangopadhyay S., and Sikdar (née Bhakta, M. High-casein diet restores the redox balance in the liver and pancreatic health of mice when exposed to radiation during call mode from mobile phones. *Indian Journal of Physiology and Allied Sciences*, 2023, 75(01), 37–43. Retrieved from <https://ijpas.org/index.php/ijpas/article/view/124>
2. **Bhattacharya D.**, Biswas P., Gangopadhyay S., and Sikdar M. Ameliorative Effects of High Protein Diet on Hepatotoxic Alterations in Swiss Albino Mice Exposed to Mobile Phone radiation. *Indian Journal of physiology and pharmacology*, 2021, Feb;64: 258-264. ISSN: 0019-5499 (DOI: 10.25259/IJPP\_141\_2020).
3. **Bhattacharya D.**, Gangopadhyay S., and Sikdar M. Mobile phone radiation exposure induced damages – technological and physiological considerations in searching remedies. *Everyman’s Science*, 2018, v. Feb; LII(6): 386 – 390. ISSN: 0531-495X.
4. **Bhattacharya D.**, Gangopadhyay S., and Sikdar M. Effects of electromagnetic radiation emitted from mobile phones on different physiological systems and possible remedies. *Int J of Current research and review*, 2017, v. Dec; 9(24): 6 – 13. ISSN: 2231-2196.
5. **Bhattacharya D.** and Sikdar M. Renal and hepato protective effects of green tea (*Camellia sinensis*) extract on Wistar rats treated with sodium oxalate. *Int. J.of Pharma and Bio Sciences*, 2016, v. Oct; 7(4): (B), 740 – 746. ISSN: 0975-6299.
6. **Bhattacharya D.**, Ghosh N., and Sikdar M. Effect of electromagnetic radiation exposure on hematological parameters of Swiss Albino mice and their modulation by high protein diet. *Biomedicine*, 2016: 36 (1), 121 – 127, ISSN : 0970 2067.
7. **Bhattacharya D.** and Sikdar M. Role of green tea (*Camellia sinensis*) in mitigating hepatic and renal oxidative damage in Albino rats. *Impression*, 2015 : 4, 161-170, ISSN : 2278-2699.

### **Seminar/Conference attended:**

1. **Bhattacharya D.**, Biswas P., Gangopadhyay S., Bhakta M.S. High Protein Diet Ameliorates the Reprotoxic Effects in Male Swiss Albino Mice Exposed to Electromagnetic Radiation Emitted from Mobile Phone. Oral Presentation at 2<sup>nd</sup> UNESCO/UNITWIN Network International Web Seminar, 2020.
2. **Bhattacharya D.**, Biswas P., Gangopadhyay S., Sikdar M. **Effect of Mobile Phone Radiation on Male Reproductive System of Swiss Albino Mice and the Supplementary Action of High Casein Diet.** Proceedings of 107<sup>th</sup> Indian Science Congress Association, Section of Medical Sciences including Physiology, 2020; 121.
3. **Bhattacharya D.**, Gangopadhyay S., Sikdar M. Effect of Mobile Phone Radiation on Fasting Blood Sugar Level and the Supplementary Action of High Casein Diet. Proceedings of 106<sup>th</sup> Indian Science Congress Association, Section of Medical Sciences including Physiology, 2019; 233.
4. **Bhattacharya D.**, Gangopadhyay S., Sikdar M. Ameliorative effects of High Protein Diet on Fasting Blood Sugar Level Exposed to Mobile Phone Radiation. Oral Presentation at 3<sup>rd</sup> Regional Science & Technology Congress, 18<sup>th</sup> and 19<sup>th</sup> December, 2018.
5. **Bhattacharya D.**, Gangopadhyay S., and Sikdar M. Effect of high protein diet on the hepatic cells of Swiss Albino mice exposed to mobile phone radiation. **Proceedings of 105<sup>th</sup> Indian Science Congress Association, section of Medical sciences including Physiology**, 2018; 112 – 113.
6. **Bhattacharya D.**, Gangopadhyay S., and Sikdar M. A study on the effects of electromagnetic radiation emitted from mobile phone on the haematological parameters of Swiss Albino mice and the facilitatory role of High Protein Diet in reversing such changes. **Proceedings of 104<sup>th</sup> Indian Science Congress Association, section of Medical sciences including Physiology**, 2017; 127 – 128.

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**G. Seminar/Workshop organized:**

1. Arranged One day workshop on LGBTIQ+ Sensitization programme organized by Women's Development Cell in association with IQAC, Harimohan Ghose College, Kolkata on 11.07.2023 as Joint Convenor.