



## SAMRAT SAHA

### PERSONAL DETAILS

**Affiliation** : 2019- Present (Assistant Professor, Dept. of Physiology, Harimohan Ghose College)  
2017-2023 (Research Scholar, Dept of Physiology, University of Calcutta)

**ADDRESS** : 54/L/24, S.C.Chatterjee Sarani, Serampore-712203, Hooghly (WB)  
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**Father's Name** : Amarendra Nath Saha

**Mother's Name** : Mita Saha

**DOB** : 20.04.1992

### EDUCATION

**M.Sc** : 2016- Department of Physiology, University of Calcutta.  
(Specialization in Immunology & Microbiology, **78.7%**)

**B.Sc** : 2014- Department of Physiology, Serampore College,  
University of Calcutta (Honours in Physiology, **70.87%**)

**12<sup>th</sup> Standard** : 2011- ISC with Science (**79.5%**)

**10<sup>th</sup> Standard** : 2009- ICSE (**89.4%**)

### ACADEMIC PROJECTS:

- Effects of Prior Neutralization of Tumour Necrosis Factor Receptor- 1(TNF-R1) followed By Treatment of *Clitoria Terneata* (Aparajita) On Collagen Induced Arthritis in Mice.

### RESEARCH PROJECTS UNDERTAKING:

- **Prediction of NAFLD progression with novel paradigm of biomarkers: A molecular approach.**
- **Chemosensitizing effects of fatty acids in viability and growth of liver carcinoma cells.**

### AWARDS:

- 2016- Qualified **UGC JRF** (CSIR-UGC NET) in Life Science.
- 2016- Qualified **NET-LS** (CSIR-UGC NET) & **GATE** in Life Science.
- 2016- Passed M.Sc in Human Physiology with **First-Class Third** Rank from University of Calcutta, Dept. of physiology.
- 2014- Passed B.Sc. in Physiology (Hons) with **First-Class Third** Rank from University of Calcutta, Serampore College, and Department of Physiology.

### LABORATORY SKILLS:

Animal Handling, Tissue Culture Techniques(including primary cell culture) and working with Human Samples.  
Biochemical Assays and Molecular Biology Techniques (Western blot, PCR, Flowcytometry, Immunocytochemistry).  
Statistical analysis and handling of human, animal and cell culture data by SPSS and Origin Software.