BIO-DATA

1. Name and full correspondence address: Dr. Sutapa Saha
Department of Life Sciences (Mol. Bio. Section)
Presidency University,
86/1 College Street, Kolkata 700073, WB.

2. Email(s) and contact number(s): sutapa.dbs@presiuniv.ac.in
9133-9831103409

3. Institution: Presidency University, Kolkata

4. Date of Birth: 12th February 1981

5. Gender (M/F/T): Female

6. Category Gen/SC/ST/OBC: SC

7. Whether differently abled (Yes/No): No

8. Academic Qualification (Undergraduate Onwards)

	Degree	Year	Subject	University/Institution	% of marks
1.	B.Sc. (3 yrs Hons.)	2002	Physiology (Hons.) Chemistry & Physics (Pass) English & Hindi (Comp.)	Presidency College University of Calcutta	63.5%
2.	M.Sc. (2 yrs)	2004	Biophysics, Molecular Biology & Genetics	University of Calcutta	74.0%
3.	Post M.Sc. (PhD coursework)	2005	Biophysical Sciences	Saha Institute of Nuclear Physics	76.5%
4.	PhD	2012	Life Sciences	HBNI Work done at Structural Genomics Division, Saha Institute of Nuclear Physics	Not Applicable

9. Ph.D thesis title, Guide's Name, Institute/Organization/University, Year of Award.
Thesis title: Proteomic Study in a Hematological Malignancy- B cell Acute Lymphoblastic Leukemia
Guide's Name: Prof. Abhijit Chakrabarti
Institute/Organization/University: Structural Genomics Division, Saha Institute of Nuclear Physics, Kolkata, India.
Year of Award: 2012; Registration and Degree award from HBNI

10. Work experience (in chronological order).

S. No.	Positions held	Name of the Institute	From	To	Pay Scale
1.	Junior Research Fellow	Saha Institute of Nuclear Physics	September 2004	September 2005	8,000/- + 30% HRA
2.	Senior Research Fellow	Saha Institute of Nuclear Physics	September 2004	September 2005	18,000/- + 30% HRA
3.	Assistant Professor Stage I	Department of Life Sciences, Presidency University, Kolkata	September 2012	September 2016	Scale:- 15,600-39,100 BP:- 21,970
4.	Assistant Professor Stage II	Department of Life Sciences, Presidency University, Kolkata	September 2016	September 2021	Scale:- 15,600-39,100 BP:- 25,550
5.	Assistant Professor Stage III	Department of Life Sciences, Presidency University, Kolkata	September 2021	Till date	Scale:- 79,800-2,11,500 BP:- 92,500

11. Professional Recognition/ Award/ Prize/ Certificate, Fellowship received by the applicant.

S.No	Name of Award	Awarding Agency	Year
1.	DST-SERB-EEQ Research Grant Award	DST-SERB	2020-2024
2.	DBT-BioCARe Early Career Research Grant Award	DBT	2014-2018
3.	International Travel Grant	ICMR	2012
4.	Selected to receive DST-International Travel Support	DST	*Did not avail*
5.	Senior Research Fellowship	DAE	2005-2012
6.	Junior Research Fellowship	DAE	2004-2005
7.	Qualified NET as CSIR-JRF; secured place among top 20% awardees	CSIR	2004
8.	Qualified NET as UGC-JRF; secured place among top 20% awardees	UGC	2003
9.	National Scholarship for Post-Graduate studies	Govt. of India	2002-2003

12. Publications *(List of papers published in SCI Journals, in year wise descending order).*

Sr. No.	Author(s)	Title	Name of Journal	Volume	Page	Year
1.	S Saha, B Mukherjee, P Banerjee, D Das	The 'Not-So-Famous Five' in tumorigenesis: tRNAs, tRNA fragments, and tRNA epitranscriptome in concert with AARSs and AIMPs.	Biochimie	222	45-62	2024
2.	P Mondal, P Sengupta, U Pal, S Saha, A Bose	Biophysical and theoretical studies of the interaction between a bioactive compound 3,5-dimethoxy-4-hydroxycinnamic acid with calf thymus DNA.	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	245	118936	2021
3.	D Bose, Sk R Islam, S Saha A Chakrabarti	Spectrin interactome under normal and HbE-disease conditions.	Journal of Proteins and Proteomics	11(4)	1-8	2020
4.	Karmakar S, Saha S, Banerjee D, Chakrabarti A.	Differential proteomics study of platelets in asymptomatic constitutional macrothrombocytopenia: altered levels of cytoskeletal proteins.	European Journal of Haematology	94(1)	43-50	2015
5.	Bag AK, Saha S, Sundar S, Saha B, Chakrabarti A, Mandal C.	Comparative proteomics and glycoproteomics of plasma proteins in Indian visceral leishmaniasis.	Proteome Science	12 (1)	48	2014
6.	S. Saha, S. Banerjee, D. Banerjee, S. Chandra, A. Chakrabarti	2DGE and DIGE based proteomic study of malignant B-cells in B-cell Acute Lymphoblastic Leukemia.	EuPA Open Proteomics	3	13-26	2014
7.	A. Basu, S. Saha, S. Karmakar, S. Chakravarty, D. Banerjee, B.P. Dash, A. Chakrabarti	2D DIGE based proteomics study of erythrocyte cytosol in sickle cell disease: altered proteostasis and oxidative stress.	Proteomics	13	3233-42	2013

Sr. No.	Author(s)	Title	Name of Journal	Volume	Page	Year
8.	S. Saha, S. Halder, D. Bhattacharya, D. Banerjee, A. Chakrabarti	Fractional precipitation of plasma proteome by ammonium sulphate: case studies in leukemia and thalassemia.	Journal of Proteomics and Bioinformatics	5	163-171	2012
9.	S. Saha, R. Ramanathan, S. Basu, D. Banerjee, A. Chakrabarti	Elevated levels of redox regulators, membrane bound globin chains and cytoskeletal protein fragments in hereditary spherocytosis erythrocyte proteome.	European Journal of Haematology	87	259-266	2011
10.	A. Chakrabarti, D. Bhattacharya, A. Basu, S. Basu, S. Saha, S. Halder	Differential expression of red cell proteins in hemoglobinopathy.	Proteomics-Clinical Applications	5	98-108	2011
11.	D. Bhattacharya, S. Saha, S. Basu, S. Chakravarty, A. Chakravarty, D. Banerjee, A. Chakrabarti	Differential regulation of redox proteins and chaperones in HbEbeta-thalassemia erythrocyte proteome.	Proteomics-Clinical Applications	4	480–488	2010
12.	A. Chakrabarti, P. Datta, D. Bhattacharya, S. Basu, S. Saha	Oxidative crosslinking, spectrin and membrane interactions of hemoglobin mixtures in HbEbeta-thalassemia.	Hematology	13	361-368	2008
13.	D. Banerjee, S. Saha, S. Basu, A. Chakrabarti	Porous red cell ultrastructure and loss of membrane asymmetry in a novel case of hemolytic anemia.	European Journal of Haematology	81	399-402	2008

13. Detail of patents.

S. No.	Patent Title	Name of Applicant(s)	Patent No.	Award Date	Agency/Country	Status
-	-	-	-	-	-	-

14. Books/Reports/Chapters/General articles etc.

S. No.	Title	Author's Name	Publisher	Year of Publication
1.	Green Biotechnology for Sustainable Development and Climate Change.	S. Saha, S. Pal, S. Das, P. Hazra Dutta, A. Mukhopadhyay	CRC Press, Routledge-Taylor & Francis Group	2024

15. Any other Information (maximum 500 words)