

CURRICULUM VITAE: LUCKY SARKAR

Senior Research Fellow, Department of Biological Sciences, Indian Institute of Science Education and Research Kolkata, Mohanpur, Dist- Nadia, West Bengal-741246, India.

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Date of Birth: 13/02/1994

Gender: Female

Academic Qualification (Undergraduate Onwards)

SL No	Degree	Year	Subject	University/ Institution	% Marks
1.	M.S-IPhD	2014-ongoing	Biological Sciences	IISER Kolkata	77.9
2.	B.Sc (H)	2014	Botany	Presidency University	77.5

Ph.D. thesis title: “*Azadirachta indica* A. Juss ameliorates Mouse Hepatitis virus-induced neuroinflammatory demyelination by modulating cell-to-cell fusion in an experimental animal model of Multiple Sclerosis”

Guide’s Name: Prof. Jayasri Das Sarma, Institute: IISER-K

Year of Ph.D. enrolment- 2016

Tentative year of award- 2020

Work experience (in chronological order)

SL No	Positions held	Name of institute	From	To
1.	Summer Trainee	Bose Institute, Kolkata	June, 2014	July, 2014
2.	Junior Research Fellow	IISER-K	September, 2016	July, 2018
3.	Senior Research Fellow	IISER-K	August, 2018	Current time
	Teaching assistant (Marine Biology Theory, course- LS4208)	IISER-K	January 2019	April 2019
	Teaching assistant (Molecular Biology & Genetics Laboratory IV, course- LS2203)	IISER-K	January 2020	Current time, (till April 2020)

Professional recognition/award/certificate/fellowship received

SL No	Name of award	Awarding agency/ Conference	Year
1.	‘American Society for Virology’ (ASV 2020) travel award	39 th Annual Meeting of the American Society for Virology ASV 2020, Colorado State University, Fort Collins, CO, USA (Cancelled due to COVID-19 pandemic)	2020

2.	Selected under 'DM Kar' Prize category-paper presentation	XXXVII Annual Meet of Indian Academy of Neurosciences (IAN 2019)-"Neuron to Behavior", AIIMS New Delhi, 2019	2019
3.	'Third best Oral Presentation Award' in the category of 'Young Scientist'	Third International Conference on "Nutraceuticals and Chronic Diseases" (INCD-2018), Dehradun, India	2018
4.	IISER-K fellowship	Ministry of human resource development, Government of India.	2014-present
5.	'INSPIRE-SHE' Scholar	Department of Science & Technology, Ministry of Science & Technology, Government of India	2011-2014
6.	WBCHSE Scholarship	West Bengal Council of Higher Secondary Education, State Government, Kolkata, India	2011

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

Lucky Sarkar, Ravi Kiran Putchala, Jayasri Das Sarma; *Azadirachta indica* A. Juss ameliorates Mouse Hepatitis virus-induced neuroinflammatory demyelination by modulating cell-to-cell fusion in an experimental animal model of Multiple Sclerosis, *Frontiers in Cellular Neuroscience*, 2020

Talks delivered:

- Presidency University, Kolkata 2014- Undergraduate level, topic- "**Molecular Basis of Host-Pathogen Interaction**".
- Third International Conference on "Nutraceuticals and Chronic Diseases" **INCD-2018** (INCD/University of Tennessee Health Science Center, USA/Swami Rama Himalayan University (Dehradun, India); topic- "**Neem bark extract impairs Mouse Hepatitis virus infectivity and protects C57BL/6 mice from neuroinflammatory damage**".
- XXXVII Annual Meet of **Indian Academy of Neurosciences (IAN 2019)**-"Neuron to Behaviour"- '**DM Kar Prize category**'-paper presentation (Departments of Physiology & Anatomy, AIIMS, New Delhi); topic- "**Neem bark extract (NBE) modulates enveloped virus-induced cell-to-cell fusion and consecutive neuropathogenesis.**"

Poster presented:

- "**Frontiers in Modern Biology (FIMB) 2018**", IISER-Kolkata.
- "**Bridging Chemistry and Biology for Human Health and Disease**", [SBC (I), Kolkata/ CSIR-Indian Institute of Chemical Biology] at IICB Kolkata.
- "**New Insights into the Inflammation, Immunity, and Pathobiology of Diseases, INDO-US Symposium 2019**" (IUSSTF/IISER Kolkata); at Andaman, India.

Seminars attended:

- "Advances in Life Sciences Symposium" 2017, IISER Kolkata.
- "Bilateral Indo-US Symposium on Central Nervous System Virus Infection and its Therapy" 2016, (IUSSTF-IISER-K/ University of Iowa /BHU), Jalpaiguri, West Bengal, India.
- "ZEISS Workshop on High-End Widefield, Confocal and SR Imaging" (Carl Zeiss India Bangalore Pvt. Ltd.), IICB-True Campus, Kolkata.

- “Workshop on advanced bioanalytical methods and applications on coordination with international outreach activities in advanced microbiology education & teaching” (IISER-K), at Gangtok, Sikkim, India.

Projects supervised:

- MS summer project- One student from parent institute (2018-2019)
- Lab rotation projects (Two students from parent institute IISER-K)

Extracurricular Activity:

- Participated in the District Level “Vacation Camp for Creative Learning” organized by the Association and catalysed by The Ministry of Human Resource Development, Govt. of India.
- Participated in cultural programmes of different institute events such as All India Science fest-Inquivesta (2014-2019), Ishan Vikas Outreach programme” 2015, at IISER Kolkata.
- 1st winner of Institute Interbatch Dance Competition 2014-2016, back-to-back twice in “Solo” dance performance.
- Performed in conferences- “India-Bangladesh Structural Chemistry Conference 2015” “Bilateral Indo-US Symposium on Central Nervous System Virus Infection and its therapy, 2016” and “New Insights into the Inflammation, Immunity, and Pathobiology of Diseases, INDO-US Symposium 2019”.

Strengths:

- Hardworking with positive attitude
- Flexibility and Adaptability
- Friendly
- Honesty and integrity
- Punctuality
- Dedicated
- Responsible
- Patience and Tolerance
- Listening
- Self-motivated
- Can create a positive work environment
- Can take any challenge with bravery.
- **Other link:** https://www.researchgate.net/profile/Lucky_Sarkar

Declaration:

I hereby declare that the information provided above is true to the best of my knowledge and belief.

