

PROFORMA FOR BIO-DATA (to be uploaded)

1. Name and full correspondence address: Oyahida Khatun, New Girl's Hostel, Indian Institute of Science, C V Raman Road , Bengaluru, 560012

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3. Institution : Indian Institute of Science

4. Date of Birth : 12/09/1998 (12th September, 1998)

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

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

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

8. Academic Qualification (Undergraduate Onwards)

	Degree	Year	Subject	University	% of marks
1	B. Sc.	2018	Life Sciences	Presidency University	9.58 out of 10
2	M. Sc.	2020	Biological Sciences	Indian Institute of science	8.3 out of 10

9. Ph.D thesis title, Guide's Name, Institute/Organization/University, Year of Award.

Title: **Molecular Interactions Between SARS-CoV-2 Viral and Human Cellular Factors: Implications for Viral Infection, Replication, and Disease.**

Guide's name: Dr. Shashank Tripathi

Institute: Indian Institute of Science

Year of Award: Expected by end of 2024

10. Work experience (in chronological order)

S. no.	Positions held	Name of the Institute	From	To	Pay Scale
1	Integrated Ph.D.	Indian Institute of science	April, 2019	ongoing	42,000/month
2	Integrated Ph.D.	Indian Institute of science	January, 2019	February, 2019	16,000/month

3	Integrated Ph.D.	Indian Institute of science	February, 2019	March, 2019	16,000/month
4	Summer intern	Presidency University	May, 2017	July, 2017	N/A

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

S.No	Name of Award	Awarding Agency	Year
1	AWSAR award for Best Story	Department of Science and Technology (DST)	2019
2	InRes Young Achiever Award	Institute of Researchers	2021
3	India Investigator Network (IIN) Research Excellence Award	2022	EMBO

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

S.No.	Author(s)	Title	Name of Journal	Volume	Page	Year
1.	Oyahida Khatun, Mansi Sharma, Rohan Narayan, Shashank Tripathi	SARS-CoV-2 ORF6 protein targets TRIM25 for proteasomal degradation to diminish K63-linked RIG-I ubiquitination and type-I	Cellular and Molecular Life Sciences	80		November 2023

		interferon induction				
2	Rohan Narayan, Mansi Sharma, Rajesh Yadav, Abhijith Biji, Oyahida Khatun , Sumandeep Kaur, Aditi Kanojia, Christy Margrat Joy, Raju Rajmani, Pallavi Raj Sharma, Sharumathi Jeyasankar, Priya Rani, Radha Krishan Shandil, Shridhar Narayanan, Durga Chilakalapudi Rao, Vijaya Satchidanandam, Saumitra Das, Rachit Agarwal, Shashank Tripathi	Picolinic acid is a broad-spectrum inhibitor of enveloped virus entry that restricts SARS-CoV-2 and influenza A virus in vivo	Cell reports Medicine	4		August 2023
3	Abhijith Biji, Oyahida Khatun* , Shachee Swaraj, Rohan Narayan, Raju S Rajmani, Rahila Sardar, Deepshikha	Identification of COVID-19 prognostic markers and therapeutic targets through meta-analysis and validation	EBioMedicine Part of THE LANCET discovery science	70		August, 2021

	Satish, Simran Mehta, Hima Bindhu, Madhumol Jeevan, Deepak K Saini, Amit Singh, Dinesh Gupta, Shashank Tripathi *: Equal contributor	of Omics data from nasopharyngeal samples				
4	Shahbaz Ahmed, Mohammad Suhail Khan, Savitha Gayathri, Randhir Singh, Sahil Kumar, Unnatiben Rajeshbhai Patel, Sameer Kumar Malladi, Raju S Rajmani, Petrus Jansen van Vuren, Shane Riddell, Sarah Goldie, Nidhi Girish, Poorvi Reddy, Aditya Upadhyaya, Suman Pandey, Samreen Siddiqui, Akansha Tyagi, Sujeet Jha, Rajesh Pande, Oyahida	A Stabilized, Monomeric, Receptor Binding Domain Elicits High-Titer Neutralizing Antibodies Against All SARS-CoV-2 Variants of Concern	Frontiers in Immunology	12		December 2021

	Khatun , Rohan Narayan, Shashank Tripathi, Alexander J McAuley, Nagendrakumar Balasubramanian Singanallur, Seshadri S Vasan, Rajesh P Ringe, Raghavan Varadarajan					
5	Luiz Gustavo dos Anjos Borges, Giuseppe Pisanelli, Oyahida Khatun* , Adolfo García-Sastre, and Shashank Tripathi *: Equal contributor	Live Visualization of Hemagglutinin Dynamics during Infection by Using a Novel Reporter Influenza A Virus	Viruses.	12	687	June, 2020

13. Detail of patents.

S.No	Patent Title	Name of Applicant(s)	Patent No.	Award Date	Agency/Country	Status
1	Agents and methods for prevention and	S. Tripathi, O. Khatun & R. Narayan	20214103399 2	Not sanctioned yet	India	N/A

	management of coronavirus infection					
2	A gene expression signature in nasopharyngeal swab samples for highly sensitive and specific covid-19 prognosis	S. Tripathi, A. Biji & O. Khatun	202141033990	Not sanctioned yet	India	N/A

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

S.No	Title	Author's Name	Publisher	Year of Publication
	N/A			

15. Any other Information (maximum 500 words)

DECLARATION

I hereby declare that the information furnished above by me is true and correct to the best of my knowledge and belief

Oyakhida Khatun