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Research Interest

Stroke, Biomarker Discovery, Extracellular Vesicles, Proteomics, Post-translational Modification

Current Status

03/24 – Present **Visiting Associate Professor**, University of Cyberjaya (UoC), Cyberjaya, Malaysia

09/23 – Present **Associate Professor**, Depart of Pharmacology, Yenepoya Pharmacy College and Res. Center (YPCRC)

11/19 – Present **Associate Professor**, Division of Neuroscience, Yenepoya Research Center (YRC)

Research Funding (2020 – Present, Total approved: 1.27 Crore)

03/25	ASEAN India-RTF, Mr. Redza Razif, UoC Malaysia	Rs. 4.85 Lakhs, Role: Indian Host (<u>Apr – Oct 2025</u>)
07/24	Seed Grant, Yenepoya University, YU/Seed Grant/169-2024	Rs. 6.5 Lakhs, Role: PI (<u>2024 – 2026</u>)
06/24	Mentor, NET-JRF, 08/0652(19079)/2024-EMR-I	Rs. 29 Lakhs, Role: Supervisor (<u>2024 – 2029</u>)
01/24	K-FIST L2, VGST, Govt. of Karnataka	Rs. 30 Lakhs, Role: PI (<u>2024 – 2026</u>)
12/22	Seed Grant, Yenepoya University, YU/Seed Grant/128-2022	Rs. 6.5 Lakhs, Role: PI (<u>2022 – 2024</u>)
07/22	Mentor, ICMR-SRF, BMI/11(67)/2022	Rs. 15.5 Lakhs, Role: Supervisor (<u>2022 – 2025</u>)
01/22	DST SERB Start-up Research Grant, SRG/2021/001357	Rs. 29 Lakhs, Role: PI (<u>2022 – 2024</u>)
03/20	Seed Grant, Yenepoya University, YU/Seed Grant/092-2020	Rs. 6 Lakhs, Role: PI (<u>2020 - 2023</u>)

Post-Doctoral Research

05/15 – 09/19 Visiting Fellow, National Institutes of Health, Bethesda, **USA**

06/13 – 02/15 Post-doctoral Research Fellow, Sch. of Bio. Sciences, Nanyang Technological University, **Singapore**

03/12 – 06/13 Post-doctoral Research Associate, YLL School of Medicine, National University of Singapore, **Singapore**

Pharmaceutical R&D

02/06 – 12/07 Scientist II, Discovery Pharmacology, Torrent Research Centre, Torrent Pharmaceuticals Ltd., **India**

07/05 – 12/05 Research Associate, Formulation and Development, Rubicon Research Pvt. Ltd., Mumbai, **India**

Education

2008-11 **Ph.D.**, Sch. of Biol. Sciences, Nanyang Tech. University, Singapore; Course work: GPA 5/5; **Awarded: Feb, 2013**

2005 **M.Pharm., Major: Pharmacology**; Class/ Division: First; Score: 82.2%, **Rank: First**; Jadavpur University, India

2003 **B. Pharm.**, Class/ Division: First (Hons); Score: 78.9%, **Rank: Second**; Jadavpur University, India

Awards [Selected 3]

10/17 Outstanding Poster Presentation, 4th Annual Meeting-American Physiol. Society, Washington DC, **USA**

12/05 **University Gold Medal**, Master of Pharmacy Examination, Jadavpur University, **India**

04/03 **Merit Medal** for academic excellence, Alumni Association of Jadavpur University, **India** (Bachelor's Program)

US Patent

03/2015 **Plasma Microvesicle Biomarkers for Ischemic Stroke**; International Publication Number: WO 2015/038065 A1
Inventors: Siu Kwan Sze, Christopher Chen, **Arnab Datta**, Palau Xavier Ramon Gallart; Role: Lead Researcher

Selected Publications [last 5 years, Total Citation: 1728, h-index: 18, Ref: [Google Scholar](#)]

1. Babu et al. *Molecular Neurobiology* 2025, 62, 3918-3933 (**IF: 4.3**) [Corresponding author]
2. Babu et al. *Molecular Neurobiology* 2022, 56(4), 2363-2377(**IF: 5.6**) [Corresponding author]
3. Datta et al. *International Journal of Molecular Sciences* 2022, 23(19), 11670 (**IF: 6.2**) [Co-corresponding author]
4. Chen, Jung, Datta et al. *Annual Review of Pharmacology and Toxicology* 2022, 62 (**IF: 16.5**) [Co-First author]
5. Datta et al. *British Journal of Pharmacology* 2021, 178(6), 1426-1444 (**IF: 8.7**) [First author]
6. Datta et al. *FASEB Journal* 2020, 34: 6129-6146 (**IF: 5.4**) [First author]