

## CV of Anupam Sarma

Name: Dr. Anupam Sarma

Designation: Assistant Professor

Address for Communication: (office) Department of Pharmaceutics,  
School of Pharmaceutical Sciences,  
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Guwahati-17, Assam, India.

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Sex: Male

Date of Birth: 23/10/1989

### Educational Qualifications:

Sl. No.	Examination Passed	Year of passing	Board / Council / University	Specialization
1	HSLC/10 <sup>th</sup> Std.	2005	SEBA	-
2	HSSLC/10+2 Std.	2007	AHSEC	-
3	Degree (B.Pharm)	2011	Gauhati University	Pharmacy
4	Master's Degree (M.Pharm)	2013	Gauhati University	Pharmaceutics
5	M. Phil.(Please Specify)	-	-	-
6	Ph. D. (Pharmaceutical Sciences)	2020	Dibrugarh University	Pharmaceutical Sciences
7	Post-Doctoral (Please Specify)	-	-	-

8	Others(Please Specify)	-	-	-
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Languages known: English, Assamese, Hindi

(Read, Write & Speak)

Academic/ Administrative Experience: 6.7 years in academics and administration  
9.7 years in research  
1.0 year in industry

List of Publications:

### **PAPER PUBLICATION**

- Das M, **Sarma A\***, Baruah H, Basak D, *Insight into central nervous system targeted nanostructured lipid carriers via the nose to brain pathway*, RSC Pharmaceutics, Vol: 1(5); 2024; Page no: 904–927
- Baruah H, **Sarma A\***, Basak D, Das M, *Exosome: From biology to drug delivery*, Drug Deliv. Transl. Res. Vol: 14; 2024, Page no: 1480–1516 [IF 5.7]
- Chavda VP, Duo Y, Bezbaruah R, Kalita T, **Sarma A**, Deka G, Duo Y, Das BK, Shah Y, Postwala H. *Unveiling the promise: Exosomes as game-changers in anti-infective therapy*. Exploration. Vol: 1(5); 2024; 20230139
- **Sarma A\***, Bania R, Das MK, *Green tea: Current trends and prospects in nutraceutical and pharmaceutical aspects*, J. Herb. Med. Vol: 41(2023); 2023; Page no: 100694. [IF: 2.2]
- Joshi K, Das M, **Sarma A**, Arora MK, Singhal M, Bhavna; “*Insight on cardiac chronobiology and latest developments of chronotherapeutic antihypertensive interventions for better clinical outcomes*”. Current Hypertension Reviews. Vol: 19(2); 2023; Page no: 106-122 [IF 1.5]
- Chavda V, Bezbaruah R, Kalita T, **Sarma A**, Devi JR, Bania R, Apostolopoulos V; “*Variant influenza: connecting the missing dots*”. Expert Review of Anti-Infective Therapy. Vol: 20(12); 2022; Page no: 1567–1585. [IF 4.2]
- **Sarma A\***; “*Biological importance and pharmaceutical significance of keratin: A review*”. International Journal of Biological Macromolecules. Vol: 219; 2022; Page no: 395-413 [IF 7.7]
- **Sarma A**, Das MK; “*Improving the sustainable performance of Biopolymers using nanotechnology*”. Polymer-Plastics Technology and Materials. Vol: 60(18); 2021; Page no: 1935-1965. [IF 2.6]
- **Sarma A\***, Bania R, Devi JR, Deka S; “*Therapeutic nanostructures and nanotoxicity*”. Journal of Applied Toxicology. Vol: 41(10); 2021; Page no: 1494-1517. [IF 2.7]
- **Sarma A**, Das MK; “*Nose to brain delivery of antiretroviral drugs in the treatment of neuroAIDS*”. Molecular Biomedicine, Vol: 1(1); 2020; Page no: 1-23 [IF 6.3]

- **Sarma A**, Das MK, Chakraborty T, Das S; “*Nanostructured lipid carriers (NLCs)-based intranasal drug delivery system of Tenofovir disoproxil fumarate (TDF) for brain targeting*”. Research Journal of Pharmacy and Technology, Vol: 13(11); 2020; Page no: 5411-5424
- Hussain M, **Sarma A**, Rahman SS, Siddique AM, Eeswari TP; “*Formulation and Evaluation of Ethambutol Polymeric Nanoparticles*”. International Journal of Applied Pharmaceutics, Vol: 12(4); 2020; page no: 207-217.
- **Sarma A**, Das MK; “*Formulation by Design (FbD) approach to develop Tenofovir Disoproxil Fumarate loaded Nanostructured Lipid Carriers (NLCs) for the aptness of nose to brain delivery*”. Journal of Drug Delivery & Therapeutics (JDDT), Vol: 9(2); 2019; page no: 148-159
- **Sarma A**, Chakraborty T, Das MK; “*CNS delivery of drug via low-density lipoprotein receptor (LDLr) mediated transcytosis*”. Current Trends in Pharmaceutical Research (CTPR), Vol: 4(1); 2017; Page no: 26-46.
- Chakraborty T, **Sarma A**, Das MK; “*Silk Fibroin: A Smart Biomaterial for Long Term and Targeted Nanotherapeutics*”; Current Trends in Pharmaceutical Research (CTPR); Vol: 3(1); 2016; page no: 45-82
- Das MK, **Sarma A**, Chakraborty T; “*Nano-ART and NeuroAIDS*”; Drug Delivery and Translational Research; Vol: 6(5); 2016; Page no: 452-472 [IF 5.7]
- Das MK, **Sarma A**, Chakraborty T; “*PLGA-derived anticancer Nano therapeutics: Promises and challenges for the future*”; Journal of Chemical and Pharmaceutical Research; Vol: 8(2); 2016; Page no: 484-499
- Saha S, **Sarma A**, Saikia P, Chakraborty T; “*Phytosome: A Brief Overview*”; Scholars Academic Journal of Pharmacy (SAJP); Vol: 2(1); 2013; page no: 12-20
- **Sarma A**, Deb P, Dash S; “*Bilayer Tablet and DUREDAS Technology – A Review*”; International Journal of Pharmacy and Biological Sciences (IJPBS); Vol: 3(2); 2013; page no: 554-563
- Ahmed AB, Paul S, **Sarma A**; “*Penetration Enhancing Effect of naturally Occurring Terpenes on Skin Permeation of Rofecoxib from Transdermal Gel for Topical Application*”; Current Trends in Pharmaceutical Research (CTPR); Vol: 2(1); 2013; page no: 24-31

### **BOOK CHAPTER**

- Bhrigu Kumar Das, **Anupam Sarma**, Ashis Goswami (2024): Gut-health pharmacology: Integrating microbiota insights with natural product based therapies. In: Biochemical and Molecular Pharmacology in Drug Discovery, Rudrapal M, Egbuna C and Cho WC (Eds); Elsevier, ISBN: 978-0-443-16013-4; Pp 377-399.
- Pratap Kalita, **Anupam sarma**, Abdul baquee Ahmed, Satyendra Deka (2024): Theory, modeling simulation and LCA of nanofilled polymer blends. In: Nanofillers for Binary Polymer Blends, Thomas S., George S.C., Nair S.T. (eds); Elsevier, ISBN: 978-0-323-88655-0; Pp 483-505
- **Anupam Sarma**, Bhanu P Sahu, Malay K Das (2023): Exploration on Metal Nanoparticles for Treatment of Malaria. In: Malarial Drug Delivery Systems, Shegokar, R., Pathak, Y. (eds); Springer, Cham. ISBN: 978-3-031-15848-3; Pp 359–391.
- Tapash Chakraborty, **Anupam Sarma** (2022). Toxicity of nanostructures and nanodrugs. In: Phytoantioxidants and Nanotherapeutics. Mithun Rudrapal; Wiley. ISBN: 978-1-119-81177-0; Pp 267-287.

- **Anupam Sarma**, Tapash Chakraborty, Malay K. Das (2022). Nanocosmeceuticals: current trends, market analysis and future trends. In: Nanocosmeceuticals Innovation, Application, and Safety, 1st Ed. Malay K Das; **ELSEVIER**. ISBN: 9780323910774; Pp 525-558.
- **Anupam Sarma**, Malay K. Das (2021). Multifunctional nanoparticles – cost versus benefit of adding targeting and imaging capabilities. In: Multifunctional Theranostic Nanomedicines in Cancer, Malay K Das; **ELSEVIER**. eBook ISBN 978-012-82-1700-9; Pp 367-387.
- **Anupam Sarma**, Malay K. Das. Tapash Chakraborty (2020). Ligand nanoparticle conjugation approach for targeted cancer chemotherapy. In: Nano Medicine and Nano Safety: Recent Trends and Clinical Evidences, 1<sup>st</sup> Ed. Malay K Das & Yashwant V Pathak; **Springer** Singapore. eBook ISBN 978-981-15-6255-6; Pp 377-404.
- Malay K Das, **Anupam Sarma** and Trinayan Deka (2019). Polydopamine-Based Simple and Versatile Surface Modification of Polymeric Nano Drug Carriers. In: Surface Modification of Nanoparticles for Targeted Drug Delivery, 1<sup>st</sup> Ed. Yashwant V Pathak; **Springer International Publishing**, Switzerland AG. eBook ISBN: 978-3-030-06115-9; Pp 369-389.
- Tapash Chakraborty, Malay K Das, Lopamudra Dutta, Biswajit Mukharjee, Sanjay Das and **Anupam Sarma** (2019). Successful Delivery of Zidovudine-Loaded Docosanol Nanostructured Lipid Carriers (Docosanol NLCs) into Rat Brain. In: Surface Modification of Nanoparticles for Targeted Drug Delivery, 1<sup>st</sup> Ed. Yashwant V Pathak; **Springer International Publishing**, Switzerland AG. eBook ISBN: 978-3-030-06115-9; Pp 245-276.
- Malay K Das and Anupam Sarma (2018). Carbon Nanotubes and Drug Targets. In: Frontiers in Drug Design and Discovery, Vol. 9; Rahman A U, Chaudhary M I Eds.; Bentham Science Publishers, UAE. ISBN: 978-1-68108-583-8; Pp 176-202.

### **NEWSPAPER ARTICLE**

- **Anupam Sarma**, Prerona Choudhury; Taking precautions when you are purchasing medicines from a pharmacy, keep these things in mind; Sunday Reading, The Assam Tribune; 4<sup>th</sup> September 2022.
- **Anupam Sarma**, Rupsikha Kalita; Difference in Drugs; Sunday Reading, The Assam Tribune; 10<sup>th</sup> July 2022.
- **Anupam Sarma**; Medicine safety: Here's how we need to store our medicine; Sunday Reading, The Assam Tribune; 31<sup>st</sup> October 2021.
- **Anupam Sarma**; Medicine safety: The responsible use of medicines is of utmost importance; Sunday Reading, The Assam Tribune; 19<sup>th</sup> July 2020.
- **Anupam Sarma**; A pill too many: People are having to have multiple medications today; Sunday Reading, The Assam Tribune; 8<sup>th</sup> December 2019.

### **Research Experience:**

- Doctoral thesis guided: Nil
- Research & Consultancy Projects: Nil

### **Membership of Professional bodies: Nil**

Award, Fellowship & Recognition:

Qualified GPAT 2011

DST-UKIERI Junior Research Fellowship

DST-FIST (Co-Guide/PIG)

International Travel Grant from ANRF Govt. of India

Recognized reviewer of Scientific Report, ACS, Wiley, Elsevier, Springer, T&F and Dove Press publications.



(Anupam Sarma)

Date: 25/1/2025