CV of NIKHIL BISWAS

Name: NIKHIL BISWAS

Designation: Assistant Professor

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Sex: Male

Date of Birth: 3rd January, 1980

Educational Qualifications:

Sl. No.	Examination Passed	Year of passing	Board / Council / University	Specialization
1	HSLC/10th Std.	1996	WBBSE	Math, Physical Science, Life Science, History, Geography, English, Bengali
2	HSSLC/10+2 Std.	1998	WBCHSE	Science (Math, Physics, Chemistry, English, Bengali, Biology)
3	Degree (B. Pharm)	2004	Jadavpur University	Pharmaceutics, Pharmacology, Medicinal chemistry, Instrumental Analysis
4	Master's Degree (M. Pharm)	2007	Dibrugarh University	Pharmaceutics

5	M. Phil.(Please Specify)			
6	Ph. D. (Pharmacy)	2016	Jadavpur University	Nano drug delivery for the treatment of hypertension
7	Post-Doctoral (Nano Drug Delivery)	2022	The Hebrew University of Jerusalem, Israel	Nano drug delivery for cancer chemotherapy
8	Others(CSIR-SRF (Research Associate))	2015	Jadavpur University	Programmed polymeric device for pulsed delivery of antihypertensives

Languages known: English, Hindi, Bengali

Academic/ Administrative Experience: **3 Years**

List of Publications:

(SCI indexed Journals)

1. **Biswas N**, Abu Ammar A, Frušić-Zlotkin M, Adi-Hen N, Lehman-Katabi Y, Levi-Kalisman Y, Nassar T, Benita S. Biodistribution and efficacy of the anticancer drug, oxaliplatin palmitate acetate, in mice. Int J Pharm. 2021, 604:120740. **[IF: 6.51]**.
2. **Biswas N**. Modified mesoporous silica nanoparticles for enhancing oral bioavailability and antihypertensive activity of poorly water soluble valsartan. Eur J Pharm Sci. 2017, 99:152- 160. **[IF: 5.11]**.
3. **Biswas N**, Kuotsu K. Chronotherapeutically Modulated Pulsatile System of Valsartan Nanocrystals-an In Vitro and In Vivo Evaluation. AAPS PharmSciTech. 2017, 18(2):349- 357. **[IF: 4.02]**.
4. **Biswas N**, Sahoo RK. Tapioca starch blended alginate mucoadhesive-floating beads for intragastric deliveryof Metoprolol Tartrate. Int J Biol Macromol. 2016, 83:61-70 **[IF: 8.02]**.
5. **Biswas N**, Guha A, Sahoo RK, Kuotsu K. Pulse release of doxazosin from hydroxyethylcellulose compression coated tablet: mechanistic and in vivo study. Int J Biol Macromol. 2015, 72:537-43. **[IF: 8.02]**.
6. **Biswas N**, Sahoo RK, Guha A, Kuotsu K. Chronotherapeutic delivery of hydroxypropylmethylcellulose based mini-tablets: An in vitro–in vivo correlation. Int J Biol Macromol. 2014, 66: 179–185. **[IF: 8.02]**.
7. Guha A, **Biswas N**, Bhattacharjee K, Sahoo N and Kuotsu K. pH responsive cylindrical MSN for oral delivery of insulin – Design, Fabrication and Evaluation. Drug Deliv. 2016, 23(9): 3552–3561. **[IF: 6.41]**.
8. Guha A, **Biswas N**, Bhattacharjee K, Das P, Kuotsu K. In Vitro Evaluation of pH Responsive Doxazosin Loaded Mesoporous Silica Nanoparticles: A Smart Approach in Drug Delivery. Curr Drug Deliv. 2016, 13(4):574-81. **[IF: 3.75]**.

9. Sahoo RK, **Biswas N**, Guha A, Kuotsu K. Maltodextrin based proniosomes of nateglinide: bioavailability assessment. Int J Biol Macromol. 2014, 69:430-4. **[IF: 8.02]**.

10. Sahoo RK, **Biswas N**, Guha A, Sahoo N, Kuotsu K. Development and in vitro/in vivo evaluation of controlled release provesicles of a nateglinide-maltodextrin complex. Acta Pharm Sin B. 2014, 4(5):408-16. **[IF: 14.90]**.

11. Mandal AS, Chatterjee S, Karim KM, **Biswas N**, Guha A, Behera M, Kuotsu K. Fabrication and in vitro evaluation of bidirectional release and stability studies of mucoadhesive donut-shaped captopril tablets. Drug Dev Ind Pharm. 2012, 38(6):706-17. **[IF: 3.04]**.

12. Mandal AS, Chatterjee S, Kundu S, **Biswas N**, Guha A, Paul S, Kuotsu K. In vitro-in vivo correlation and bioavailability studies of captopril from novel controlled release donut shaped tablet. Int J Pharm. 2011, 421(1):145-50. **[IF: 6.41]**.

13. Sarkar MK, Ghosh TK, Goswami N, **Biswas N**, Roy N. In Vitro and In Vivo Evaluation of Hydroxypropylmethylcellulose Based Matrix Tablets of Prazosin HCl. LAT AM J PHARM. 2016, 35 (3): 519-28. **[IF: 0.25]**.

14. Sahu BP, Baishya R, Hatiboruah JL, Laloo D, **Biswas N**. A comprehensive review on different approaches for tumor targeting using nanocarriers and recent developments with special focus on multifunctional approaches. J. Pharm. Investig. (2022). **[IF: 5.23]**

15. Sahoo N, Sahoo RK, **Biswas N**, Guha A, Kuotsu K. Recent advancement of gelatin nanoparticles in drug and vaccine delivery. Int J Biol Macromol. 2015, 81:317-31 **[IF: 8.02]**.

16. Sahoo RK, **Biswas N**, Guha A, Sahoo N, Kuotsu K. Nonionic surfactant vesicles in ocular delivery: innovative approaches and perspectives. Biomed Res Int. 2014, 2014:263604. **[IF:3.41]**.

17. Mandal AS, **Biswas N**, Karim KM, Guha A, Chatterjee S, Behera M, Kuotsu K. Drug delivery system based on chronobiology--A review. J Control Release. 2010, 147(3):314- 25. **[IF: 11.47]**.

18. Kazi KM, Mandal AS, **Biswas N**, Guha A, Chatterjee S, Behera M, Kuotsu K. Niosome: A future of targeted drug delivery systems. J Adv Pharm Technol Res. 2010, 1(4):374-80.

Book Chapter

1. **Biswas N**, Sahu BP and Das MK. Nanobiotechnology for Therapeutic Targeting of Circulating Tumor Cells in the Blood, in Das MK and Pathak YV (Eds.), Nano Medicine and Nano Safety Recent Trends and Clinical Evidences. Springer Nature, Singapore, pp. 27-48.

2. Sahu BP, **Biswas N** and Das MK. Multifunctional Nanoscale Particles for Theranostic Application in Healthcare, in Das MK and Pathak YV (Eds.), Nano Medicine and Nano Safety Recent Trends and Clinical Evidences. Springer Nature, Singapore, pp. 357-376.

3. Sahu BP, **Biswas N** and Das MK. Multifunctional nanotheranostics for cancer diagnosis and treatments, in Das MK (Eds.), Multifunctional Theranostic Nanomedicines in Cancer. Elsevier, pp. 25-55.

4. Kuotsu K, Guha A, **Biswas N**, Mandal AS, Chatterjee S, Behera M, Kundu S, and Paul S, 2012. Circadian Variations: an overview, in: Golovkin L and Maliszkewicz A (Eds.), Circadian Rhythms: Biology, Cognition and Disorders. Nova Science Publishers, New York, pp. 327-346.

Research Experience: 12 years

- **Doctoral thesis guided :** NIL
- **Research & Consultancy Projects:** NIL

Membership of Professional bodies: PCI (A-12040)

Award, Fellowship & Recognition:

- **GATE (Pharmacy) 2005, AIR-243**
- **Research Associate (CSIR-SRF): 2011-2015**
- **Post Doctoral Fellow (Hebrew University of Jerusalem): 2017-2022**

Scanned Signature

Date: 18.01.2023 (Name) Nikhil Biswas