

Name:	Dr. Sanchari Bhattacharya
Photograph:	
Experience:	<p>On 05/07/2020</p> <ul style="list-style-type: none"> • 11 month, 17 days (teaching); • 7 years 11 months (research)
Awards and Recognition:	<p>2019: Doctorate (Ph.D) degree from Jadavpur University 2016: 3rd Best poster award in an International conference 2011: University gold medalist (West Bengal University of Technology)</p>
Books/ Chapter published:	<p>2017:</p> <ol style="list-style-type: none"> 1. Biswajit Mukherjee, Samrat Chakraborty, Laboni Mondal, Ankan Choudhury, Bhabani Sankar Satapathy, Sanchari Bhattacharya. Antisense Oligonucleotide Mediated Target Specific Gene Silencing: Design, Delivery Strategies, and Therapeutic Applications , CRC Press 2017, 297-346. 2. Biswajit Mukherjee, Bhabani S. Satapathy, Sanchari Bhattacharya, Rhitabrita Chakraborty, Vimal P. Mishra. Pharmacokinetic and Pharmacodynamic Modulations of Therapeutically Active Constituents From Orally Administered Nanocarriers Along With a Glimpse of Their Advantages and Limitations. Nano- and Microscale Drug Delivery Systems Design and Fabrication, Elsevier 2017, Pages 357-375. <p>2013:</p> <ol style="list-style-type: none"> 1. Mukherjee Biswajit, Hossain Chowdhury Mobaswar, Bhattacharya Sanchari, Shampa Ghosh. Targets and Approaches to Control Hepatocellular Carcinoma in Future. Intech Publication 2013, 97-111.
Papers published:	<p>2019:</p> <ol style="list-style-type: none"> 1. Mondal L, Mukherjee B, Das K, Bhattacharya S, Dutta D, Chakraborty S, Pal MM, Gaonkar RH, Debnath MC. CD-340

functionalized doxorubicin-loaded nanoparticle induces apoptosis and reduces tumor volume along with drug-related cardiotoxicity in mice. **2019**: 8073–8094.
<https://doi.org/10.2147/IJN.S220740>

2018:

1. **Sanchari Bhattacharya**, Laboni Mondal, Biswajit Mukherjee, Lopamudra Dutta, Iman Ehsan, Mita C. Debnath, Raghuvir H. Gaonkar, Murari M. Pal, Subrata Majumdar. Apigenin loaded nanoparticle delayed development of hepatocellular carcinoma in rats. *Nanomedicine: Nanotechnology, Biology, and Medicine*, 2018; 14: 1905–1917.

<https://doi.org/10.1016/j.nano.2018.05.011>

2. Lopamudra Dutta, Biswajit Mukherjee, Tapash Chakraborty, Malay Kumar Das, Laboni Mondal, **Sanchari Bhattacharya**, Raghuvir H. Gaonkar, Mita Chatterjee Debnath. *Drug Delivery*. 2018; 25 (1): 504–516

<https://doi.org/10.1080/10717544.2018.1435749>

3. Laboni Mondal, Biswajit Mukherjee, Shreyasi Chakraborty, **Sanchari Bhattacharya**, Iman Ehsan, Soma Sengupta, Murari P Pal. Comparison of Enhanced Solubility Profile Analysis of Thermodynamic Parameters and Pharmacokinetic Profile Related to Tamoxifen Citrate Solubilisation. *Novel Approaches in Drug designing and Development*. 2018; 3(5): 1-8.

<http://http://dx.doi.org/10.19080/NAPDD.2018.03.555624>

2016:

1. Biswajit Mukherjee, Paramita Paul, Ankan Choudhury, **Sanchari Bhattacharya**, Ruma Maji, Lopamudra Dutta. Variation of pharmacokinetic profiles of some antidiabetic drugs from nanostructured formulations administered through pulmonary route. *Curr Drug Metab*. 2016, 17(3):271-8.

<https://doi.org/10.2174/1389200216666151015115503>

2015:

1. Biswajit Mukherjee, Laboni Mondal, Samrat Chakraborty, Paramita Paul, Ankan Choudhury, **Sanchari Bhattacharya**, Chowdhury M. Hossain. Size Dependent Variations of

	<p>Phospholipid Based Vesicular Drug Carriers in Systemic Drug Activity. Current Pharmaceutical Biotechnology. 2015, 16, 380-391. https://doi.org/10.2174/1389201016666150206105149</p> <p>2. Biswajit Mukherjee, Sanchari Bhattacharya, Samrat Chakraborty, Bhabani Sankar Satapathy, Niladri Sekhar Dey, Tapan K Shaw. Is Type 2 Diabetes Mellitus a Predisposal Cause for Developing Hepatocellular Carcinoma? Curr Diabetes Rev. 2015, 11 (2):64-70. https://doi.org/10.2174/1573399811666150115110747</p> <p>2014:</p> <ol style="list-style-type: none"> 1. Biswajit Mukherjee, Swapna Das Karmakar Chowdhury M. Hossain, Sanchari Bhattacharya. Peptides, proteins and peptide/protein-polymer conjugates as drug delivery system. Protein Pept Lett. 2014, 21(11):1121-8 https://doi.org/10.2174/0929866521666140804160907
Conference Proceedings:	<p>2018:</p> <ol style="list-style-type: none"> 1. Presented a poster on ‘Quality control and Standardization of Ethnopharmaceuticals in the present era’, ICMR sponsored National seminar, held at Centurion University of Technology and Management, Bhubaneswar, Odhisha, on 4-5 March, 2018. <p>2016:</p> <ol style="list-style-type: none"> 1. Poster presentation at JU IAPST National seminar on ‘Drug and Disease: Role of pharmacists and doctors’, held on 16th January, 2016 at Jadavpur University 2. Presented a poster in National seminar on ‘current perspective of nano-technology for drug delivery’, held in College of Pharmaceutical Sciences, Puri, Odhisha on 19th February, 2016 3. Attended National workshop organized by FET, Jadavpur University on ‘Revisitation intellectual property rights in the context of recent developments, on October 10, 2016 4. Won third prize on poster presentation at the Fourth International Conference on Nanomedicine and Tissue

	<p>engineering, (ICNT-2016), held at Mahatma Gandhi University, Kottayam, Kerala, India, from 12-14 August, 2016</p> <p>2015: Poster presentation at National seminar on 'Novel pharmaceutical technologies, challenges and oppertunities' held on 15th November in Manipal College of Pharmaceutical Sciences, Manipal university, Manipal</p> <p>2014: 1. Poster presentation in 2nd Pharm tech IAPST International conference on 19th-19th January, 2014, Jadavpur University</p> <p>2. Poster presentation in International conference on 'molecular biology and its application', held on 14th and 15th February, 2014, in Jadavpur University</p>
--	---