

## **Dr. Biman B. Mandal (Biosciences and Bioengineering, IIT Guwahati)**

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**Dr. Biman B. Mandal** is an Associate Professor at Department of Biosciences and Bioengineering, Indian Institute of Technology Guwahati (IITG). His group is working on Tissue Engineering, Biomaterials and Stem cells towards developing a number of affordable healthcare products which includes bioartificial skin, smart wound dressings, bioartificial liver devices, vascular grafts, cardiac patches, intervertebral disc, corneal grafts, bone, cartilage, minimally invasive drug eluting injectable gels, targeted anti-cancer drug delivery devices, skin care products, affordable bioreactors and bio-instrumentation etc.

Dr. Mandal received his bachelor's from Presidency College, Calcutta University (2003) and his master's in Biotechnology, H.P. University (2005). He earned his Ph.D in Biotechnology from Indian Institute of Technology Kharagpur (IITKgp), and was a CSIR-Fellow (2005-2009). Dr. Mandal completed his Post Doctoral Research at Department of Biomedical Engineering, Tufts University, USA (2009-2011).

Dr. Mandal is a recipient of numerous National and International awards which includes the NASI-SCOPUS Young Scientist Award 2016; INSA- Medal for Young Scientists 2015; NASI- Young Scientist Platinum Jubilee Award 2013; DST- INSPIRE Faculty award 2013; Gandhian Young Technological Innovation Award 2014; DAE- Young Scientist Award 2011; SYIS- TERMIS Asia-Pacific Young Investigator Award 2011; MAHE Young Scientist Award 2012; DBT- RGYI Award 2012; DST- Young Investigator Grant Award 2012; He was awarded "Indo-Swiss Student Exchange Award" during his Ph.D in 2006. Dr. Mandal has been invited to deliver talks both Nationally and Internationally including at MIT, Boston and is a visiting faculty to KTH, Sweden, UCL London, Justus-Liebig University, Germany and Nanyang Technological University (NTU), Singapore.

Dr. Mandal has published 70 highly referred articles (05 cover pages) in best flagship journals of PNAS, Scientific Reports, Biomaterials, Tissue Engineering, Biotechnology & Bioengineering, ACS Applied Materials and Interfaces etc. with a cumulative impact

factor of 335+, 2350+ citations and H-index of 27. He is lead inventor in 04 US and 06 Indian patents, contributed 05 book chapters and is editorial board member of 05 International Journals.