

Name:- Dr. Tejas Borwankar

Personal Details:-

Name	Borwankar	Tejas	Vijay
	<i>SURNAME</i>	<i>FIRST NAME</i>	<i>MIDDLE NAME</i>
Department	Biotechnology		
Designation	Assistant Professor		
Qualification(s)	Ph.D Biochemistry, M.Sc.		
Certification(s)/Professional Courses/Exams	Advanced Diploma in German Language		
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Research Done:

1	Project work at University of Groningen, Netherlands: To assess mobility of aggregating proteins in the cytoplasm of E. coli using Pulsed-FRAP
2	Participated in a modelling workshop by SysMo at the University of Aberdeen, UK
3	Master thesis at Max Planck Institute, Martinsried, Germany: Influence of osmolytes on the mobility of polyQ containing proteins
4	Project work at University of Bremen, Germany: To elucidate the in vitro formation of nacre (mollusc shell) using Scanning electron microscopy and X-ray diffraction analysis

Area of Interest in Research:

Protein Biochemistry
Light and electron Microscopy
Molecular Biology

Research publications:

1	Tejas Borwankar , Christoph Röthlein, Gong Zhang, Anne Techen, Carsten Dosche, Zoya Ignatova (2010) Natural Osmolytes Remodel the Aggregation Pathway of Mutant Huntingtin Exon 1, <i>Journal of Biochemistry</i> , 2011 Mar 29;50(12):2048-2060
2	C. Röthlein, M. Miettinen, T. Borwankar , J. Bürger, T. Mielke, M.U. Kumke, Z. Ignatova (2014) Architecture of polyglutamine-containing fibrils from time resolved fluorescence decay, <i>J. Biol. Chem. jbc.M114.581991</i> . First Published on August 4, 2014, doi:10.1074

Seminars and Workshops Attended:-

1	Tejas Borwankar, Zoya Ignatova (2010) (talk) Osmo-Meet, Marburg, Germany
2	Tejas Borwankar, Christoph Röthlein, Zoya Ignatova (2010) (poster) Interdisciplinary PhD Symposium by Potsdam Graduate School, Germany
3	Tejas Borwankar, Christoph Röthlein, Zoya Ignatova (2009) (poster) Gordon conference on Cellular Osmoregulation and Mechanotransduction held in University of New England, USA
4	Tejas Borwankar, Zoya Ignatova (2009) (poster) International Bunsen Discussion Meeting on Structure of Amyloid Fibrils and Mechanism of Amyloid Formation, Halle (Saale), Germany
5	Tejas Borwankar, Zoya Ignatova (2008) (talk) SysMo-Meet, Vigo, Spain
6	Tejas Borwankar, Zoya Ignatova (2008) Participation in the IET BioSysBio conference on synthetic and systems biology, London, UK.
7	Tejas Borwankar, Zoya Ignatova (2008) (poster) SysMo Evaluation conference, Bad-Honeff, Germany

Seminars and Workshops Organized:-

Tejas Borwankar (2012) Organised and participated in the Vedic Science Meeting, Pune, India
Tejas Borwankar (2010) Organised lecture series for Ph.D students at the University of Potsdam, Germany