

Curriculum Vitae

Avijit Pramanik

Ph.D. (Natural Sciences),
Assistant Professor Microbiology,
Central University of Haryana,
Mahendergarh, Haryana



PERSONAL DETAILS

Date of Birth : 23.05.1977
Nationality : Indian
Gender : Male
Address (Present) : Rao Tula Ram Chowk, Bus Stand Road,
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EDUCATION

- **Dr. rer. nat. (Doctoral degree in Natural Sciences)** From Eberhard Karls Universität Tübingen, Tübingen, Germany in **2006** with *Magna cum laude*. Dissertation in English.
- **M.Sc. (Microbiology)** From G. B. Pant University of Agriculture and Technology, Pantnagar, Uttarakhand, India with OGPA of **8.242/10** (1st division) in **2001**. Language of instruction: English. Dissertation in English.
- **B.Sc. (Agriculture) Hons.** From Bidhan Chandra Krishi Viswavidyalaya, Kalyani, West Bengal, India with **75.28%** (1st division) marks in **1998-99**. Language of instruction: English.
- **Higher Secondary.** From West Bengal Council of Higher Secondary Education, India with **76.4%** (1st division with star) in **1994**. Language of instruction: Bengali.
- **Secondary.** From West Bengal Board of Secondary Education, India with **66.8%** (1st division) marks in **1992**. Language of instruction: Bengali.

RESEARCH EXPOSURES

- Worked as a post doctoral fellow (**August 2007 to March 2013**) on Characterization of bacterial outer membrane transporter energy transducing complex ExbB-ExbD-TonB & Characterization of ShlA-ShlB hemolysin secretion system from *Serratia marcescens* under the guidance of **Prof. Volkmar Braun** (Awarded Robert Koch Prize in 1994, ISI highly Cited, Emeritus Prof. at university Tuebingen and Honorary Max Planck Fellow at Max Planck Institute for Developmental Biology, Department of Protein Evolution, Tübingen, Germany).
- Worked as a post doctoral associate (**November 2006 to June 2007**) on Cryoelectron microscopic characterization of bacterial (*Escherichia coli*) chemosensory motility network under the guidance of **Dr. Peijun Zhang** (Assistant Prof. in Department of Structural Biology, University of Pittsburgh, Pittsburgh, USA).
- Worked as a doctoral student (**August 2002 to August 2006**) on sideromycin production by streptomycetes and elucidating iron transport mechanism in pathogenic bacteria under the guidance of **Prof. Volkmar Braun** (Then Prof. and chair Department of Microbiology/Membranephysiology, Institute for Biology, Eberhard Karls Universität Tübingen, Tübingen, Germany).
- Worked as a Junior Research Fellow (**February, 2002 to July 2002**) under the guidance of **Prof. G. Padmanaban** (Emeritus Prof. at Department of Biochemistry, Indian Institute of Science, Bangalore, India) on development of new drug target against malarial parasite and diagnosis of chloroquine resistant infection from blood sample by PCR amplification followed by restriction fragment length polymorphism.
- One Year M.Sc. Thesis Research (**November 2000 to December 2001**) under the guidance of **Prof. Bhavdish N. Johri** (Then Head Department of Microbiology, College of Basic sciences and Humanities, G. B. Pant University of Agriculture & Technology, Pantnagar, India) on characterization of oligotrophic bacterial diversity of Leh soil.

FELLOWSHIPS AWARDED

- Qualified and awarded Junior Research Fellowship in National Eligibility Test conducted by Council of Scientific and Industrial Research, India in the field of Life Science in 2000.
- Awarded Junior Research Fellowship by Indian Council of Agricultural Research, India for pursuing M.Sc. in the field of Agricultural Science in 1999.

AWARDS IN EXTRACURRICULAR ACTIVITIES

Awarded President's scout by the 'Bharat Scouts and Guides', India.

PUBLICATIONS

1. Volkmar Braun, Stephanie Helbig, Silke Patzer, **Avijit Pramanik**, Christin Römer. Import and export of bacterial protein toxins. **International Journal of Medical Microbiology**. **2015**. 305: 238-242. Impact Factor 3.614. Cited by 2.
2. **Avijit Pramanik**, Ulrich Könninger, Arun Selvam, Volkmar Braun. Secretion and activation of the *Serratia marcescens* hemolysin by structurally defined ShIB mutants. **International Journal of Medical Microbiology**. **2014**. 304: 351-359. Impact Factor 3.614. Cited by 6.
3. **Avijit Pramanik** *, Waldemar Hauf, Jan Hoffmann, Mihaela Cernescu, Bernhard Brutschy, and Volkmar Braun. Oligomeric structure of ExbB and ExbB-ExbD isolated from *Escherichia coli* as revealed by LILBID Mass Spectrometry. **Biochemistry**; **2011**. 50: 8950-8956. Impact Factor 3.422. Cited by 21. * Corresponding author.
4. **Avijit Pramanik** *, Fajun Zhang, Heinz Schwarz, Frank Schreiber, and Volkmar Braun. ExbB protein in the cytoplasmic membrane of *Escherichia coli* forms a stable oligomer. **Biochemistry**. **2010**. 49: 8721-8728. Impact Factor 3.226. Cited by 12. * Corresponding author.
5. Volkmar Braun, **Avijit Pramanik**, Thomas Gwinner, Martin Köberle and Erwin Bohn. Sideromycins: tools and antibiotics. **Biomaterials**. **2009**. 22: 3-13. Impact Factor 3.172. Cited by 62.
6. **Avijit Pramanik**, Uwe H. Stroehrer, Juliane Krejci, Alistair J. Standish, Erwin Bohn, James C. Paton, Ingo B. Autenrieth and Volkmar Braun. Albomycin is an effective antibiotic, as exemplified with *Yersinia enterocolitica* and *Streptococcus pneumoniae*. **International Journal of Medical Microbiology**. **2007**. 297: 459-469. Impact Factor 2.524. Cited by 27.
7. **Avijit Pramanik**, Volkmar Braun. Albomycin uptake via a ferric hydroxamate transport system of *Streptococcus pneumoniae* R6. **Journal of Bacteriology**. **2006**. 188: 3878-3886. Impact Factor 3.993. Cited by 46.
8. P.G. Vathsala, **A. Pramanik**, S. Dhanasekaran, C. Usha Devi, C.R. Pillai, S.K. Subbarao, S.K. Ghosh, S.N. Tiwari, T.S. Sathyanarayan, P.R. Deshpande, G.C. Mishra, M.R. Ranjit, A.P. Dash, P.N. Rangarajan, and G.Padmanaban. Widespread occurrence of the *Plasmodium falciparum* chloroquine resistance transporter (PFCRT) gene haplotype SVMNT in *P. falciparum* malaria in India. **American Journal of Tropical Medicine and Hygiene**. **2004**. 70: 256-259. Impact Factor 2.013. Cited by 71.
9. **Avijit Pramanik**, Rachna Gaur, Manvika Sehgal and B. N. Johri. Oligophilic bacterial diversity of Leh soils and its characterization employing ARDRA. **Current Science**. **2003**. 84: 1550-1555. Impact Factor 0.694. Cited by 5.

Note:

1. Impact Factors given here represents the Impact Factor of the respective journal for the year when the publication appeared.
2. Cited by data was taken from Google Scholar Citation database. For details please see <http://scholar.google.com/citations?user=obrA85gAAAAJ&hl=en>

Conference Organized / Attended

1. Organized National Conference on “Emerging Trends in Host-Microbe Interactions” in DAV University, Jalandhar, India during April 17-18, 2015.
2. Poster presented at 2012 Annual conference of the VAAM in Tuebingen, Germany during March 18-21, 2012.
3. Oral presentation at 4th Congress of European Microbiologists FEMS 2011 in Geneva, Switzerland during June 26-30, 2011.
4. Poster presentation at International Conference on ‘Control of Protein Structure by Bacteria’ held in Banz, Germany during October 4-7, 2010.
5. Poster presentation at 7th International Biometals Symposium 2010 in Tucson, Arizona, USA during July 25-30, 2010.
6. Oral presentation at 6th International Biometals Symposium 2008 in Santiago de Compostela, Spain during July 14-18, 2008.
7. Poster presentation at Meeting on the ‘7th European Meeting on Molecular Biology of the Pneumococcus, Europneumo’ held in Braunschweig, Germany during May 8-11, 2005.

Teaching Experience

1. Taught undergraduate and postgraduate students in DAV University, Jalandhar, Punjab, India as Assistant Professor in the Department of Microbiology from August 2013 to February 2016.
2. Teaching postgraduate students in Central University of Haryana, Mahendergarh, Haryana, India as Assistant Professor in the Department of Microbiology from February, 2016.