




University Faculty Details Page on DU Web-site

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Title	Prof.	First Name	Krishnamu rthy	Last Name	Natarajan	Photograph
Designation	Professor and Director (Officiating)					
Department	Dr. B. R. Ambedkar Centre for Biomedical Research					
Address (Campus)						
(Residence)						
Phone No (Campus)	+91-11-27666272					
(Residence) optional	+91-11-25083574					
Mobile	+91-9871030872					
Fax	+91-11-27666248					
Email	knatarajan@acbr.du.ac.in ; krishnatraj@gmail.com					
Web-Page						
Education						
Subject	Institution	Year	Details			
Botany	University of Delhi, Delhi	1994	Thesis topic: Responses of Rhizobium strain DDSS69 to sodium chloride stress			
Botany	University of Delhi, Delhi	1988	M.Sc. Subjects: Molecular Biology, Biochemistry, Crop Breeding and Genetics			
Chemistry, Botany & Zoology	University of Delhi, Delhi	1986	Subjects: Cell Biology, Fungi Algae			
Career Profile						
Organisation / Institution	Designation	Duration	Role			
National Institute of Immunology, New Delhi	Research Associate	July 1993- August 1995	Research Scientist			
University of Texas MD Anderson Cancer Center, Houston, Texas USA	Post-Doctoral Fellow	September 1995- December 1996	Post Doctoral Fellow			
Principal Investigator	Biotech Research Centre, Lupin Labs, India	January 1997-March 1998	Research Scientist			

Staff Research Scientist	International Centre for Genetic Engineering and Biotechnology, New Delhi	April 1998 – March 15, 2010	Principal Investigator, Immunology group
ACBR, Delhi University	Professor	March 15 2010-till date	Teaching and Research
ACBR, Delhi University	Director (Officiating)	May 1, 2013 – till date	Administration, Teaching and Research
Research Interests / Specialization			
Immunology of Infectious Diseases including Mycobacterium tuberculosis, Human Immunodeficiency Virus, Plasmodium falciparum, Streptococcus pneumoniae			
Teaching Experience (Subjects/Courses Taught)			
Advanced Immunology (4 th semester), Immunology (2 nd semester), Medical Microbiology (1 st semester), Analytical and Biomedical Techniques & Instrumentation (3 rd semester), Molecular Oncology (3 rd Semester) Concepts in Drug Discovery and Mechanism (4 th semester).			
Honors & Awards			
<ol style="list-style-type: none"> 1. Nominated Member DBT Task force on Infectious Diseases Biology 2010 - till date 2. Chairperson, Screening Committee of Twinning R&D program for North East Region (Basic and Modern Biotechnology) 2016 3. Co-Chair, Expert Committee of Twinning R&D program for North East Region (Basic and Modern Biotechnology) 2016 4. Member Research Area panels and Scientific Advisory Committee, National Institute of Immunology 2015-till date 5. Member Academic Committee, National Brain Research Centre 6. Nominated Member DBT Expert Group on Tuberculosis 2011-2013 7. Nominated Member DBT Task force on Indo-Norway program 8. Elected Member, Guha Research Conference, since 2008 9. Elected Member, Indian Academy of Sciences, Allahabad, India, since 2004 10. Elected and Nominated Member, Molecular Immunology Forum, India, since 2004 			

11. Member, Indian Immunology Society since 2004

Publications (LAST FIVE YEARS: 2012-17)

Books / Monographs (Book Chapter)

<u>Year of Publication</u>	Title	Publishers	Authors
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In Indexed/ Peer Reviewed Journals

Year	Title	Journal	Authors
2012	Suppression of Dendritic Cell-mediated Responses by Genes in Calcium and Cysteine Protease Pathways during <i>Mycobacterium tuberculosis</i> Infection.	Journal of Biological Chemistry 2012. 287: 11108-11121.	Jhalak Singhal, Neha Agrawal, Mohit Vashishta‡, N. Gayatri Priya§, Brijendra K. Tiwari Yogendra Singh, Rajagopal Raman and Krishnamurthy Natarajan
2014	Reciprocal Regulation of Reactive Oxygen Species and Phospho-CREB Regulates Voltage Gated Calcium Channel Expression during <i>Mycobacterium tuberculosis</i> Infection	PLoS One 2014 e96427.	Arti Selvakumar, Cecil Antony, Jhalak Singhal, Brijendra K. Tiwari Yogendra Singh, Raman and Krishnamurthy Natarajan
2015	Suppressive role of neddylation in dendritic cells during <i>Mycobacterium tuberculosis</i> infection	Tuberculosis 2015 95: 599-607.	Attinder Chadha, Subhash Mehto, Arti Selvakumar, Mohit Vashishta, Shashank S. Kamble, Sonam Popli, Rajagopal Raman, Yogendra Singh, Krishnamurthy Natarajan
2015	<i>Mycobacterium tuberculosis</i> and Human Immunodeficiency Virus Type 1 Cooperatively Modulate Macrophage	PLoS One 2015 10(7):	Subhash Mehto, Cecil Antony, Nabab Khan, Rahul Arya, Arti Selvakumar,

	Apoptosis via Toll Like Receptor 2 and Calcium Homeostasis	e0131767	Brijendra K Tiwari, Mohit Vashishta, Yogendra Singh, Shahid Jameel, Krishnamurthy Natarajan
2015	Regulation of L-type Voltage Gated Calcium Channel CACNA1S in Macrophages upon Mycobacterium tuberculosis Infection	PLoS One 2015 10(4): e0124263.	Cecil Antony, Subhash Mehto, Brijendra K. Tiwari, Yogendra Singh, Krishnamurthy Natarajan
2015	Pneumococcal Surface Protein A (PspA) Regulates Programmed Death Ligand 1 Expression on Dendritic Cells in a Toll-Like Receptor 2 and Calcium Dependent Manner	PLoS One 2015 10(4): e0124263.	Mohit Vashishta, Naeem Khan, Subhash Mehto, Devinder Sehgal, and Krishnamurthy Natarajan
2016	Suppression of protective responses upon activation of L-type Voltage Gated Calcium Channel in macrophages during Mycobacterium bovis BCG infection	PLoS One 2016 11(10). e0163845.	Deepika Sharma, Brijendra Tiwari, Subhash Mehto, Cecil Antony, Gunjan Kak, Yogendra Singh and Krishnamurthy Natarajan

Conference Presentations:

1. Invited Plenary Speaker at CME 2014, Miranda House College, University of Delhi.
2. Guha Research Conference Khajuraho, Madhya Pradesh, December 5th – 10th, 2014.
3. Keynote Speaker Shaheed Rajguru College of Applied Sciences, University of Delhi, January 29 – 30th 2015.
4. Invited Speaker in conference organized by South Asian University February 13th 2015
5. Invited Speaker in conference organized by Centre for Molecular Medicine, Jawaharlal Nehru University February 13th 2015.
6. Invited Speaker, Mumbai Immunology Group Mini-Tuberculosis symposium. October 13, 2016.
7. Keynote Speaker Shaheed Rajguru College of Applied Sciences, University of Delhi, January 24th January 2017

Professional Societies Memberships

Indian Immunology Society Life Member since 2004
GRC Life member since 2008

(Signature of Faculty Member)

(Signature & Stamp
of Head of the Department)