



Prof. Rakesh Bhatnagar

FNA, FASc, FNASc, JC Bose National Fellow

National Science Chair

School of Biotechnology, Jawaharlal Nehru University

Former Vice Chancellor, Banaras Hindu University, Varanasi

Former Vice-Chancellor, Kumaun University, Nainital

Former Vice-Chancellor, Amity University Rajasthan, Jaipur

Former Dean, School of Biotechnology, JNU, New Delhi

Former Director, AIRF, JNU, New Delhi

Former Director, Academic Staff College, JNU, New Delhi

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Prof.Rakeshbhatnagar@gmail.com

Qualification

Ph.D. from National Sugar Institute, Kanpur

Areas of Interest:

Molecular Biology of Infectious Diseases Recombinant Vaccine Development Humanized Therapeutic Antibodies

Specialization:

Biotechnology, Vaccinology, Infectious Diseases

Awards and Fellowships:

SI	Name of Award / Fellowship etc.	Awarded by	Year of Award
1.	National Science Chair	SERB, Department of Science & Technology, Ministry of Science & Technology, GoI	2022
2.	President's Award for Innovation	President of India	2016
3.	Fellow, Indian National Science Academy, New Delhi,	Indian National Science Academy, New Delhi	2015
4.	J C Bose National Fellow	Department of Science and Technology, Government of India	2015
5.	Fellow, Indian Academy Science, Bangalore	Indian Academy of Science, Bangalore	2010
6.	Ranked 7th among the top ten eminent researchers publishing commendable research papers on anthrax	Open source Global Anthrax Research Literature	2006

7.	Fellow, National Academy of Science, Allahabad	National Academy of Science, Allahabad	2005
8.	ICMR Award for outstanding research work in the field of Immunology	Indian Council of Medical Research	2003
9.	Delivered Press Conference with Prof. Murli Manohar Joshi, Minister of Science and Technology, Government of India to announce development of Vaccine against Anthrax	Ministry of Science and Technology, Government of India	2001
10.	Announced the development of Vaccine against Anthrax in "Meet the Press" program	American Society of Cell Biology, Washington DC	2001
11.	All India Biotech Association Award	All India Biotech Association	2001

Best five peer reviewed publications

1. Sharma, S., Bahl, V., Srivastava, G., Shamim, R., Bhatnagar, R. and Gaur, D. (2023) Recombinant Full-Length *Bacillus Anthracis* Protective Antigen and Its 63kDa Form Elicits Protective Response in Formulation with Addavax *Frontiers in immunology*. DOI 10.3389/fimmu.2022.1075662
2. Joshi, H., Kandari , D. and Bhatnagar, R. (2022). Biosensors for the detection of *Mycobacterium tuberculosis*: A comprehensive overview. *Critical Reviews in Microbiology*, 23:1-29.
3. Kandari, D. and Bhatnagar, R. (2021). Antibody engineering and its therapeutic applications. *International Review of Immunology*, 6:1-28.
4. Sanduja, P., Gupta, M., Somani, V., Dua, M., Hanski, E., Sharma, A., Bhatnagar, R. and Johri, A. (2020). Cross-serotype protection against group A Streptococcal infections induced by immunization with SPy_2191. *Nature Communications*. 11 :3545-3556.
5. Majumder, S., Das, S., Somani, V., Makam, S.S., Kingston, J.J. and Bhatnagar, R.(2019). A bivalent protein r-PAbxpB comprising PA domain IV and exosporium protein BxpB confers protection against *B. anthracis* spores and toxin *Front. Immunol.* 10:498-509.

