

Biosketch of Director CIIDRET



Dr. Vijay Kumar Chaudhary is a Professor at the Department of Biochemistry at University of Delhi South Campus since 1996. He completed Ph.D. in Biochemistry from V.P. Chest Institute, University of Delhi in 1983. He served as Clinical Biochemist at Escorts Medical Centre, Faridabad during 1981-85. During 1985-90, while working at National Institutes of Health (NIH), Bethesda, Maryland, USA, under Dr. Ira Pastan, he pioneered the design and production of the world's first recombinant immunotoxins for targeted therapy of cancer and AIDS, which won him **NIH Directors' Award in 1991**.

He joined Delhi University in 1990 and has served as Head of Department of Biochemistry at the Delhi University for 3 terms of three years each. At present, he is also the **Director**, Centre for Innovation in Infectious Disease Research, Education and Training (CIIDRET), University of Delhi.

In 1998, his group developed reagents for phage display technology, which were licensed to M/s Pharmacia (now GE Healthcare). In 2000, his group developed a novel point-of-care test, NEVA-HIV for the detection of HIV (AIDS), which won him **Biotech Product and Process Development and Commercialization Award (2004)**, **NRDC Award (2004)**, and **WIPO Medal for Best Invention (2004)**. The test was commercialized by M/s Cadila Pharmaceuticals Ltd., Ahmedabad. His recent work on development of TBConfirm, a test to confirm the presence of *M. tuberculosis* in cultures was awarded **Biotech Product and Process Development and Commercialization Award (2014)** and received **Visitors' Award for innovation from the Hon'ble President of India (2015)**. This test will be commercialized by M/s SPAN Diagnostics, Surat (now Arkray Health Care India).

Professor Chaudhary has more than 85 publications in high-impact international journals such as Nature, Proc. Natl. Acad. Sci, USA, J. Biol. Chem., J. Mol. Biol. etc., and more than 15 US and several Indian patents to his credit. He is a Fellow of National Academy of Sciences. He has been a member/Chairman/Co-Chairman of Task Force committees of DBT, ICMR, DST, BIRAC, IKP-knowledge Park etc., and has served as consultant/Advisor to many Bio-pharmaceutical companies. He is deeply involved in several policy-making committees of DU.

Professor Chaudhary's interest include antibody technology based novel reagents for the development of rapid tests for the diagnosis of infectious diseases such as Tuberculosis, HIV (AIDS), Chikungunya, Malaria etc., and development of technology for human antibodies for therapeutics.

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