

Brief CV

Dr. SANJAY MENDIRATTA, M.Sc, PhD

Email Id:

smendiratta@nib.gov.in

Designation Scientist

Division: Recombinant

Product Lab Year of Joining:

2010



Educational Qualification:

Degree (Year)	University/Institute
PhD, 2010	Department of Microbiology, All India Institute of Medical Sciences, New Delhi, India
M.Sc- Biotechnology (2003)	Panjab University , Chandigarh, India

Professional Experience: (Years and Details in brief): More than 11years (Research & Development, Quality Control)

Current: National Institute of Biologicals, NOIDA

2017-Till date: Quality Control analysis of Recombinant products (Insulin & Insulin Analogs) and development of Reference standards of recombinant insulin/insulin analogues.

2013-2017

- 1). Development of modalities for Quality Control evaluation of Allergen Extracts (Especially Cockroach & Moth extracts).
- 2) Development of first Monograph for Indian Pharmacopeia on Allergen products.
- 3) Development of Guidance document for indigenous industry manufacturer on QC modalities of Allergens

2010-2013

Quality control evaluation of various immunodiagnostic kits like HIV -Ab, HIV -Ag/Ab, HCV -Ab and HbSAg etc. which are used for screening of Transfusion Transmitted Infections at various blood banks.

2003-2009: All India Institute of Medical Sciences, New Delhi, India: Worked as Junior research fellow Sept 2003- Jan 2004 and Doctoral (Ph.D) student at Department of Microbiology.

Research area: "HIV Immunology: Identification of Immunodominant regions from Gag and Nef proteins of HIV-1 in Indian Individuals. Polyfunctional analysis of T-Cell responses to assess the impact of antigen persistence on immune responses in HIV infected individuals.

Fellowship: UGC, CSIR-UGC, JRF-NET,

FOGARTY Fellowship by NIH under IARTP program for research training at Fred Hutch Cancer Research Center, University of Washington, Seattle, USA.

Major publications:

1. Firsts Indian Monograph on "Allergen Products" published in Indian Pharmacopeia 2018
2. Mendiratta S, Vajpayee M, Chauhan NK, Mojumdar K and Sreenivas V. Polyfunctional analysis of Gag and Nef specific T-Cell responses in HIV-1 infected Indian individuals. Vaccine 2011

3. Mendiratta S, Vajpayee M, Malhotra U, Kaushik S, Dar L, et al. Characterization of Gag and Nef-specific ELISpot-based CTL responses in HIV-1 infected Indian individuals. *Med. Microbiol. Immunol.* 2009
4. Vajpayee M, Kaushik S, Sreenivas V, Mojumdar K, Mendiratta S, Chauhan NK. Role of immune activation in CD4 (+) T-cell depletion in HIV-1 infected Indian patients. *Eur J Clin Microbiol Infect Dis.* 2009
5. Mojumdar K, Vajpayee M, Chauhan NK, Mendiratta S and Wig N. Defects in Blood Dendritic cells subsets in HIV-1 subtype C infected Indian Individuals. *Indian J Med Res.* 2010
6. Mojumdar K, Vajpayee M, Chauhan NK, Mendiratta S. Late Presenters to HIV Care and Treatment, Identification of Associated Risk Factors in HIV-1 Infected Indian Population. *BMC Public health* 2010
7. Sanjay Mendiratta, Kamalika Mojumdar, Gaurav Pratap Singh Jadaun "A Basic Insight of Immunodiagnosics". *Infectious diseases and Immunology.* 2017
8. Gaurav Pratap Singh Jadaun, Shruti Dixit, Vandana Saklani, Sanjay Mendiratta, Renu Jain, Surinder Singh "HPLC for Peptides and Proteins: Principles, Methods and Applications". *Pharmaceutical Methods,* 2016