## **National Institute of Biologicals**

Name of the Employee : Dr. Manoj Kumar
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 Designation : Scientist Grade-III
 Division/LAB : Blood Product

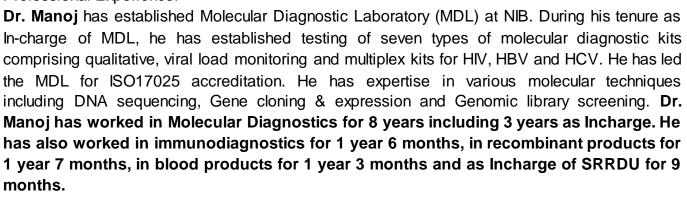
5. Educational Qualification : M.Sc. (Biotechnology),

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**GATE** qualified

**6.** Year of Joining **2007** 

7. Professional Experience:



## **Major Publications: (\*corresponding author)**

- 1. Rajput M.K\* (2020) Mutations and methods of analysis of mutations in Hepatitis B virus. AIMS Microbiology, 6(4):401-421.
- 2. Kumar A, Rajput M.K, Paliwal D, Chhabra R, Singh S (2018) Genotyping & diagnostic methods for hepatitis C virus: A need of low-resource countries. Indian Journal of Medical Research, 147(05):445-455.
- **3.** Rajput M.K\* (2017) Regulation of molecular diagnostic (NAT) kits for HBV, HCV and HIV in India. Journal of Clinical and Diagnostic Research 11(3), KL01.
- **4.** Rajput M.K\* (2016) Automated triplex (HBV, HCV & HIV) NAT assay systems for Blood donor screening in India. Journal of Clinical and Diagnostic Research 10(2), KE01-KE04.
- **5. Rajput M.K\*(2015)** Retrotransposons:The intrinsic genomic evolutionist.Genes and Genomics 37:113-23.
- **6.** Rajput M.K\* and Upadhyaya K.C (2010) Isolation and Characterization of stress Induced Ty1-copia like retrotransposable elements. Journal of Molecular Biology 44 (5): 786-791.
- 7. Rajput M.K\* and Upadhyaya K.C (2010) Characterization of heterogeneity in Ty1-copia group of retrotransposons. Journal of Molecular Biology 44 (4): 529-535.
- **8.** Rajput M.K\*and Upadhyaya K.C (2009) CARE1, a Ty3-gypsy-like retrotransposon. Genetica 136:429-37.

# **Book Chapters**

- Suresh Kumar, Manoj Kumar Rajput, Pradeep Yadav (2021)
   Laboratory Animal Nutrition, Essentials of Laboratory Animal Science: Principles and Practices, Springer.
- 2. Suresh Kumar, Manoj Kumar Rajput, Sandeepa Bhan (2021) Laws, Regulations, Policies, and Guidelines Governing the Care and Use of Laboratory Animals, Essentials of Laboratory Animal Science: Principles and Practices, Springer.

#### Abstract(s)

1. Rajput M.K\* and Praveen Gautam (2015)

Identification of material for development of indigenous HCV standard for qualitative nucleic acid amplification techniques, a make in India initiative. Journal of Biotechnology and Biomaterials 05:283.



# Accession numbers in GenBank (NCBI)

- HBV genomic DNA sequences (24)
   HCV genomic RNA sequences (42)