

**Name:** Dr. Pradeep Kumar Nagar

**Designation:** Scientist-B

**Discipline/research area:** Immunology, Immune response of B and T cells subtypes against native protein or synthetic epitopes (MAP).

**ORCID ID, h-index:**

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#### **Educational Qualifications:**

- **Ph.D.** - Department of Biochemistry, All India Institute of Medical Sciences(AIIMS), New Delhi.
- **M. Sc. Biotechnology** – University of Calicut, Malappuram, Kerala.
- **B.Sc.-** Chaudhary Charan Singh University, Meerut, U.P.

#### **Research Experience:**

- Senior Demonstrator- All India Institute of Medical Sciences, New Delhi,
- ICMR-PDF and ICMR-RA at ICMR-NIMR, New Delhi.
- Junior Research Fellow & Senior Research Fellow.

#### **Awards:**

- Qualified CSIR-JRF Exam Dec-2008, Dec-2009.
- ICMR-JRF Exam-2013,2015.
- DBT JRF exam-2009 (AIR-7 in Category- A)
- GATE Exam-2009 with 99 percentiles.
- DBT SRF fellowship.
- Student fellowship during M.Sc. sponsored by DBT

- **Membership/Fellowship of Professional Societies/Associations:**  
Indian Immunology Society

## **Publications: No- 07**

**Publications:** (1) Detection of Dengue Virus-Specific IgM and IgG Antibodies through Peptide Sequences of Envelope and NS1 Proteins for Serological Identification. Pradeep Kumar Nagar, Deepali Savargaonkar, and Anupkumar R. Anvikar, Journal of Immunology Research , vol 2020 . <https://doi.org/10.1155/2020/1820325>

(2) Mapping and Immunological Response of Immunodominant B and T Cell Epitopes of E2 Glycoprotein of Chikungunya Virus. Nagar PK, Pradhan S, Verma P, Joshi G, Singh A, et al. (2016) MOJ Immunol 4(1): 00117. DOI: 10.15406/moji.2016.04.00117

(3) Clinical relevance of single nucleotide polymorphisms within the 13 cytokine genes in North Indian trauma hemorrhagic shock patients Dablu Lal Gupta, Predeep Kumar Nagar, Vineet Kumar Kamal, Sanjeev Bhoi and D. N. Rao. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine (2015) 23:96

(4) Analysis of antibody response (IgM, IgG, IgG3) to Chikungunya virus using panel of peptides derived from envelope protein for serodiagnosis. Verma P, Bhatnagar S, Kumar P, Chattree V, Parida MM, Hoti SL, Ali S, Rao DN. ClinChem Lab Med. 2014 Feb;52(2):297-307.

(5) Identification of immunodominant epitopes of e1 and nucleocapsid proteins of chikungunya virus with neutralizing capacity. Pradeep Kumar Nagar, Dablu Lal Gupta, Parida M. M and Rao D. N International Journal of Current Medical and Pharmaceutical Research, Vol. 2, Issue, 10, October, 2016.

(6) Immunogenicity of Multiple Antigenic Peptides (MAP) Based on B and T cell Epitopes of E2 Glycoprotein of Chikungunya Virus in Murine System Nagar PK, Manmohan P, Kolli VK and Rao DN System. J Immunol Infect Dis 4(2): 202

(7) Evaluation of Multiple Antigenic Peptides Based on the Chikungunya E2 Protein for improved Serological Diagnosis of Infection. Bhatnagar S, Kumar P, Mohan T, Verma P, Parida MM, Hoti SL, Rao DN. Viral Immunol. 2014 Nov 20.

- **Book Chapters:**

- **Projects:**

Ongoing:

Completed: