

Curriculum Vitae



AJAY KUMAR PRAJAPATI, Ph D

BORN:

July 01, 1979, Azamgarh, Uttar Pradesh, India

PRESENT ADDRESS

Office: Department of Laboratory Medicine,
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Hubli, Karnataka, India, PIN-580020

CURRENT APPOINTMENTS

2007 - Laboratory Superintendent, Central Hospital, South Western Railway, Gadag Road, Hubli, Karnataka, India, 2007-till date.

EDUCATION

- 2018 Ph. D. in Microbiology from Bharathiar University, Coimbatore, India
- 2011 M. Sc. in Clinical Microbiology from Punjab Technical University, India
- 2004 Post Graduate Diploma In Bio-Medical Laboratory Technology From H N B Garhwal University, Srinagar, Garhwal, India
- 2001 B. Sc. from V B S Purvanchal University, Jaunpur, India

TRAINING

- 2003 Training in **Chromatography techniques** in Division of Pharmaceutics, Central Drug Research Institute, Lucknow, India.
- 2010 **Modular Training under revised national tuberculosis control programme** held at state tuberculosis training and demonstration center, Bangalore, India.
- 2016 Laboratory training for **Microbiology and Molecular Biology** at Dr. Prabhakar Kore Basic Science Research Centre, Belagavi, Karnataka, India.
- 2019 NPTEL online Certification of **Health Research Fundamentals**.
- 2019 NPTEL online Certification of **Introduction to Professional Scientific Communication**.
- 2019 Participated in OpenWHO Course **Antimicrobial Stewardship: A competency-based approach**.

- 2019 Participated in the **Dissemination cum Training on ICMR National Ethical Guidelines** held on 7th march, 2019 at the Gadag Institute of Medical Sciences, Gadag, Karnataka, India.
- 2020 Participated in OpenWHO Course **Emerging respiratory viruses, including COVID-19: methods for detection, prevention, response and control**
- 2020 Participated in OpenWHO Course **Infection Prevention and control (IPC) core components and multimodal strategies**
- 2020 Participated in OpenWHO Course **Basic Microbiology**
- 2020 Participated in Precision Medicine Academy Course **Clinical Sequencing for Rare Disease**

SEMINARS AND CONFERENCES:

- Participated in the **One Week National Level E-STTP on Research Methodology** from 20th July 2020 to 27th July 2020 organized by Dr.M.G.R. Educational and Research Institute University, Chennai, Tamilnadu, India
- Attended the digital module of **Recombinant DNA Technology webinar series** conducted in May-June, 2020 organized by Merck High-End Skill Development Centre, a CSIR-Imtech Initiative (Ministry of Science & Technology, Govt. of India), Merck Innovation Lab, Bangalore & Chandigarh
- Participated in the webinar **The challenges and oppartunities for antimicrobial R&D in low- and middle-income countries – India case study** organized by Astrid Pentz-Murr on July 9, 2020
- Participated in the **Science Leadership Workshop** organized by the Central University of Punjab, Bathinda, India from June 22 to June 28, 2020
- Attended the online webinar on **Microbiologist in Everybody** organized by Biocon academy and Biotechnika info labs Pvt. Ltd on 3rd june 2020.
- Participated in the Two days National conference on **Phage- A Boon in Disguise 2020** held on 17th and 18th January, 2020 Organised by Department of Microbiology, MCE society's AI senior college of Arts, Science and commerce, Azam Campus, Camp, Pune, India
- Participated in **International Conference on Bacteriophage Research and Antimicrobial Resistance (Theme: Paradigm Shift in Antimicrobial Therapy- Antibiotics to Bacteriophages)** held on 12th to 13th December, 2019 organised by School of Biosciences and Technology, VIT, Vellore, India and Society for Bacteriophage Research, India
- Participated in the CME programme on **Antimicrobial Drug Resistance: Need for Pharmacovigilance** held on 09th September, 2017 at Kasturba Medical College, Manipal, Manipal University, Karnataka, India
- Participated in the CME programme on **Role of Microbiologist in Healthcare** held on 14th September, 2017 at Department of Microbiology, Adichunchanagiri Institute of Medical Sciences, Mandya Dist., Karnataka, India
- Participated in the workshop entitled **Good Laboratory Practices and Laboratory Safety** on 18th April, 2017 at BSRC, KLE University, Belagavi, Karnataka, India
- Participated in the workshop on Role of **Analytical Techniques in Quality Assurance of Pharmaceuticals** on 17th January, 2017 at BSRC, KLE University, Belagavi, Karnataka, India

- Participated in the CME programme on **Current Trends in Clinical Mycology: Challenges Ahead** held on 26th September, 2015 at Department of Microbiology, A J Institute of Medical Sciences and Research Centre, Mangaluru, Karnataka, India
- Participated in **The second Annual CME: on Infectious Diseases in Adults** held on 14th September, 2014 at Department of Microbiology, K S Hegde Medical Academy, Mangaluru, Karnataka, India
- Participated in the Seminar on **Prenalytical Variables in Laboratory Medicine** (August - September 2013) organized by Rajiv Gandhi University of Health Sciences – Karnataka in Association with Padmashree Institute of Medical Laboratory Technology-Bangalore, India

POSTER PRESENTATION:

Title: “Surveillance of Carbapenem Resistance Encoding Genes Among Gram Negative Bacteria from Urinary Tract Infection in Patients with Type 2 Diabetes Mellitus” presented during the 1st Annual Conference of Society for Bacteriophage Research And Therapy & International conference on Bacteriophage Research and Antimicrobial Resistance, December 12-13, in Vellore Institute of Technology, Vellore, India

MEMBERSHIPS:

- Life Member of Association of Microbiologists of India
- Life Member of Society for Bacteriophage Research and Therapy, India
- Affiliate Member of Microbiology Society, London, UK

EDITORIAL ACTIVITIES:

Editorial Board member of *European Journal of Clinical and Biomedical Sciences*, New York, NY 10020 U.S.A.

Associate Editor: *Microbes and Infectious Diseases*, Egypt

Editorial Board member of *Journal of Infectious Diseases & Microbiology*, India

Editorial Board member of *International Engineering Journal For Research & Development (IEJRD)*, India

Editorial Board member of *Applied Microbiology: Theory & Technology*, Singapore

Reviewer: *Polish Journal of Microbiology*, Warsaw, Poland

Reviewer: *Microbiology Society's Journals*, London, UK

Reviewer: *Journal of Pediatric Infectious Diseases*, Turkey

Reviewer: *The Open Microbiology Journal*, Sharjah, U.A.E

Reviewer: *Malaysian Journal of Microbiology*, Penang, Malaysia

Reviewer: *SOJ Microbiology & Infectious Diseases*, USA

Reviewer: *Microbes and Infectious Diseases*, Egypt

Reviewer: *Bosnian Journal of Basic Medical Sciences*, Bosnia and Herzegovina

Reviewer: Medical Laboratory Technology Journal, Indonesia

Reviewer: Open Access Journal of Biogeneric Science and Research, California, USA

Reviewer: International Journal of Basic and Applied Sciences , a journal of Institute of Scholars, India

Reviewer: International Journal of Medical Laboratory Research (IJMLR), India

PUBLICATIONS:

- 1) Ajay Kumar, P. and VinodKumar, C.S. 2016. Incidence of Beta Lactamases Mediated Resistance in Gram Negative Bacilli Isolated from Urinary Tract Infection in Patients with Type 2 Diabetes Mellitus. *Int.J.Curr.Microbiol.App.Sci.* 5(1): 200-208
<http://dx.doi.org/10.20546/ijcmas.2016.501.018>

- 2) Ajay Kumar, P. and VinodKumar, C.S. 2016. Incidence and Molecular Characterization of Extended Spectrum of Beta Lactamase Producing *Escherichia coli* and *Klebsiella pneumoniae* isolated from Urinary Tract Infection in Patients with Type 2 Diabetes Mellitus. *Int.J.Curr.Microbiol.App.Sci.* 5(3): 260-267. doi: <http://dx.doi.org/10.20546/ijcmas.2016.503.032>

- 3) Detection of carbapenem resistance encoding genes among Gram negative bacteria from Urinary Tract Infection in patients with type 2 diabetes mellitus. Ajay Kumar, P., VinodKumar, C.S. *Journal of Pure and Applied Microbiology.* 2017; **11**(2), p. 1061-1066.
DOI: <https://dx.doi.org/10.22207/JPAM.11.2.49>

BOOK CHAPTER:

Ajay Kumar Prajapati (November 16th 2018). Urinary Tract Infection in Diabetics, Microbiology of Urinary Tract Infections - Microbial Agents and Predisposing Factors, Payam Behzadi, IntechOpen, DOI: 10.5772/intechopen.79575. Available from: <https://www.intechopen.com/books/microbiology-of-urinary-tract-infections-microbial-agents-and-predisposing-factors/urinary-tract-infection-in-diabetics>