

Curriculum Vitae



AJAY KUMAR PRAJAPATI, Ph D

BORN:

July 01, 1979, Azamgarh, Uttar Pradesh, India

PRESENT ADDRESS

Office: Department of Laboratory Medicine,
Central Hospital, South Western Railway
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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**
- 2021 Participated in the Training Programme on 'Scientific Project Management' conducted online during 05-09 January 2021 by the Indian Institute of Science Education & Research (IISER) Pune.

SEMINARS AND CONFERENCES:

- Participated in the **TIDE-CME** held online on Dec-3rd-2021 organised by Medical Education and learning Point, India.
- Participated in the “**Transforming India Diagnostic Event**” (**TIDE-2021**) held online on 1st -3rd December 2021 organised by J. Mitra & Co. Pvt. Ltd., India.
- Participated in International E-Conference on “**Advanced Molecular Diagnostics For Infectious Diseases**” held on 30th November 2021 organized by Department of Microbiology, SRM Medical College Hospital and Research Centre, India
- Participated at the CME on "**Establishing Antimicrobial Stewardship Program: A Roadmap by the Experts**" held on 27th November 2021 organized by Department of Microbiology, All India Institute of Medical Sciences, Bilaspur, India.
- Attended the virtual event “**Clinical Diagnostics & Research 2021**” on 11th November organized by Labroots.
- Participated in the 27th International Conference on “**Interdisciplinary Research in Biomedical Sciences**” **CONIAPS XXVII** organized by Amity Institute of Molecular Medicine & Stem Cell Research (AIMMSCR) and Amity Institute of Applied Sciences (AIAS), Amity University Uttar Pradesh (AUUP), Noida in association with International Academy of physical Sciences (AIPS), Prayagraj conducted from 26th to 28th October 2021.
- Attended “**Gulf HIV Expert Summit**” held on 1st – 2nd October 2021.
- Attended the “**CAHO – Continuing Diagnostic Education (CDE) Series : Session 4 "Risk Management in Laboratories (ISO 15189 : 2012)"**” online held on 27th September 2021.
- Attended in Webinar “**Using NCBI Database: a one stop service for downloading sequence and annotation for genome and genes**” held on 30th June 2021 organized by NCBI.

- Attended “**6th Annual Dubai International Conference on Infectious Diseases & Vaccination**” held on 17th – 19th June 2021.
- Attended the event “**Antimicrobial stewardship in the management of COVID-19 to reduce the impact on antimicrobial resistance**” held on 23rd June 2021 organized by British Society for Antimicrobial Chemotherapy.
- Participated in national webinar on “**Emerging Trends in Allied Health Sciences (ETAHS-2021)**” held on 13th February 2021 organized by B N Patel Institute of Paramedical and Science (Paramedical Division), Anand, India.
- Participated in international webinar on “**Experimental subjects and their role in Biomedical Research**” held on 7th February 2021 organized by Novagen Biologicals Pvt. Ltd.
- Participated in the “**International One Health Webinar: Zoonotic Diseases**” held on 19th September 2020 organized by Malaysia one health university network.
- 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 **Preamalytical 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:

Associate Editor: Microbes and Infectious Diseases, Egypt

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

Editorial Board member of *Medical Laboratory Journal*, School of Paramedicine, Golestan University of Medical Sciences, Gorgan, Iran

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

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

Reviewer: *The Journal of Infectious Disease*, USA

Reviewer: PLOS Journals, USA

Reviewer: Journal of Pure and Applied Microbiology, India

Reviewer: Indian Journal of Microbiology Research, India

Reviewer: Journal of Microbiology and Infectious Disease, Turkey

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: 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/ijemas.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/ijemas.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>