



### **“Pathway to Success” - Peer Guidance Session for Second MBBS Students : 06<sup>th</sup> March 2025**



### **Dr. Sandhya S. Kulkarni was the Chairperson at “CME 2025” held by A.G Diagnostics in association with IMA Pune on Sunday 23rd February 2025**





# Dr. Komal Biyani presented on “All About Guillain Barre Syndrome” on 4<sup>th</sup> Feb 2024



# Elective Posting : March 2025

## Publications by the faculties in Indexed Journals including In International Journal “THE LANCET”

### Correspondence

#### Guillain-Barré syndrome outbreak in Pune: a health emergency

The recent outbreak of Guillain-Barré syndrome in Pune (India) has become a matter of increasing national concern and has warranted the involvement of international agencies.<sup>1</sup> As of March 8, 2025, the total number of Guillain-Barré syndrome cases in Pune was 225, with 197 confirmed diagnoses and 28 suspected cases, and can be considered as one of the largest Guillain-Barré syndrome outbreaks.<sup>2,3</sup> The death toll has risen to 23 people in India, and Pune continues to be the worst affected with 11 deaths from Guillain-Barré syndrome.<sup>4</sup> As cases continue to rise and spread in different states (eg. Assam, Karnataka, Andhra Pradesh, and Tamil Nadu), this outbreak is taking a disturbing dimension.<sup>5</sup>

Guillain-Barré syndrome is a rare neurological disorder, in which a person's immune system attacks the peripheral nerves,<sup>6</sup> and has been linked with preceding viral infections.<sup>7</sup> The recent outbreak has been linked to microbes, *Campylobacter jejuni*, and norovirus, and contaminated water is the primary source of infection. 25 stool samples from patients with Guillain-Barré syndrome tested positive for *C jejuni* and 11 tested positive for norovirus. Presence of coliform *Escherichia coli*, norovirus, and *C jejuni* bacteria was found in 40 water samples in affected areas in and around Pune.<sup>8</sup> Several agencies—including expert teams from federal and state departments—and WHO are working together to ensure that the outbreak is contained.

Currently, in light of new strains of virus and disease, some low-income and middle-income countries struggle with common infectious diseases caused by arboviruses and improper hygiene and sanitation, including safe water supply. The Guillain-Barré syndrome outbreak in Pune is one such instance where cases of *C jejuni* infection have

rapidly increased due to poor water resources, causing havoc in the form of Guillain-Barré syndrome. Questions arise as to how to curtail and limit the spread of this disease. What is needed is to understand the key importance of maintaining robust infrastructure, particularly water sanitation systems. Countries with better infrastructure have fewer Guillain-Barré syndrome cases linked to *Campylobacter*.<sup>1</sup> Public education on hygiene practices, continuous surveillance, and research play an important role in understanding the pathogenesis of Guillain-Barré syndrome. The triggering infection for the outbreak needs to be investigated in detail, as does the emphasis of the outbreak as waterborne. New laws should be enacted to enforce the supply of safe and clean water by responsible government bodies. By implementing these public health measures, future risk of disease outbreaks can be minimised.

We declare no competing interests.

\*Shagshwat S Banerjee, Swati Sahai, Govind P Chate  
shashwatbanerjee@mitmimer.com

MAEER MIT Pune's MIMER Medical College and Dr BSTR Hospital, Pune-410507, India (SSB, SS, GPC)

- 1 Biswas S. Guillain-Barré syndrome: India faces outbreak of creeping paralysis. British Broadcasting Corporation, Feb 3, 2025. <https://www.bbc.com/news/articles/c038gqpw7o> (accessed Feb 21, 2025).
- 2 Asian News International. Maharashtra reports 225 cases of Guillain-Barré Syndrome, 12 deaths. March 8, 2025. <https://www.aninews.in/news/national/general-news/maharashtra-reports-225-cases-of-guillain-barré-syndrome-12-deaths/0250308223121/> (accessed March 20, 2025).
- 3 Iyer M. Pune Guillain-Barré Syndrome (GBS) outbreak could be one of the largest in world. The Times of India, Feb 3, 2025. <https://timesofindia.indiatimes.com/city/mumbai/pune-guillain-barré-syndrome-gbs-outbreak-could-be-one-of-the-largest-in-world/articleshow/117810219.cms> (accessed March 20, 2025).
- 4 Aanchal. GBS outbreak claims two more lives in Pune, India death toll rises to 23. World is One News, Feb 20, 2025. <https://www.wionews.com/india-news/gbs-outbreak-claims-2-more-lives-in-pune-india-toll-rises-to-23-8738268> (accessed Feb 21, 2025).
- 5 Harrison TR, Fauci AS, Kasper DL, Hauser S, Longo D, Jameson JL, eds. Harrison's principles of internal medicine, 21st edn. McGraw Hill, 2022: 12718–40.

- 6 Arriaga-Nieto L, Hernández-Bautista PE, Vallegos-Parla A, et al. Predict the incidence of Guillain-Barré Syndrome and arbovirus infection in Mexico, 2014–2019. PLOS Glob Public Health 2022; 2: e0000137.
- 7 Mascarenhas A. Guillain-Barré syndrome cases rise to 207; over half of cases are in 5 km radius from Sinhagad Road, shows health dept data. The Indian Express, Feb 15, 2025. <https://indianexpress.com/article/india/pune-guillain-barré-syndrome-cases-rise-to-207-pune-health-dept-data-hints-at-c-jejuni-bacteria-as-major-trigger-for-outbreak-9836812/> (accessed Feb 21, 2025).



Published Online  
March 21, 2025  
[https://doi.org/10.1016/S0140-6736\(25\)00414-3](https://doi.org/10.1016/S0140-6736(25)00414-3)

Submissions should be made via our electronic submission system at <http://ees.elsevier.com/thelancet/>



## Active participation of students during AETCOM lecture



## Interaction with the Students of Indriyani College



## Mrs. Smita Watwe won 2<sup>nd</sup> Prize in Antakshari in Plexus 2025





# DEPARTMENT OF MICROBIOLOGY

## Newsletter April-June 2025

॥ स्वास्थ्य-सेवा-सुशिक्षण ॥  
MIMER MEDICAL COLLEGE



### Seminar presented by II MBBS students



### Publications by the faculties in the Indexed Journals

#### Case Report

#### Inactive *Escherichia coli* causing perianal abscess

Smita Anand Watwe, Nikunja Kumar Das, Sadhana Chate, Sahjid Mukhida'  
Department of Microbiology, MAEER MIT Pune's MIMER Medical College and Dr. BSTR Hospital, Department of Microbiology, Dr. D. Y. Patil Medical College, Hospital and Research Centre, Pune, Maharashtra, India

**Abstract** *Escherichia coli* is a common organism, and its several variants, like inactive, can cause severe human infection, which is difficult to identify in the microbiology laboratory. We present a perianal abscess case report in which we got nonlactose fermenting, nonmotile biochemically inactive bacterial growth. It was not identified by conventional biochemical methods. Final diagnosis of *E. coli* was done by the automated system and antibiotic treatment was suggested as per the antibiotic susceptibility testing by conventional as well as automated methods. It was found susceptible to amoxicillin-clavulanic acid, piperacillin-tazobactam, and meropenem. The patient was treated with piperacillin-tazobactam combination and got recovered. Inactive *E. coli* differs from typical *E. coli* based on motility testing and lactose fermentation. However, other biochemical test results are similar to typical *E. coli*.

**Keywords:** Drug-susceptibility, inactive *Escherichia coli*, nonmotile, perianal abscess

**Address for correspondence:** Dr. Sahjid Mukhida, Department of Microbiology, Dr. D. Y. Patil Medical College, Hospital and Research Centre, Pimpri, Pune - 411 018, Maharashtra, India.  
E-mail: drsahjidmukhida@gmail.com  
Submitted: 26-Sep-2024, Revised: 11-Jan-2025, Accepted: 12-Jan-2025, Published: 14-Feb-2025.

#### INTRODUCTION

Bacterial infections always need correct identification to plan appropriate treatment.<sup>1</sup> Several times, bacterial identification is not as easy as routine due to variations in the bio-chemical and other characteristics of common bacterial isolates. *Escherichia coli* is a common organism that is gram-negative, motile, nonspore-forming, noncapsulated, fermentative, and facultative anaerobic bacillus.<sup>2</sup> It is a part of the resident flora of the human gut and can cause urinary tract infections, diarrhea, wound infections, and many more. Their mutated version differs due to some characteristic variations such as motility, sugar fermentation, and others. Due to those variations, it is known as inactive *E. coli*.<sup>3</sup> We are presenting a case of inactive *E. coli* causing perianal abscess.

#### CASE REPORT

A 35-year-old male presented to OPD of a rural tertiary care center in our Pune on August 23, 2024 with complaints of pain and swelling over the perianal area. The person gave a history of similar episodes in the past 2 years and had the pus drained in this instance. A diagnosis of recurrent perianal abscess was made, and he was admitted. A drainage was made, and 30-40 cc of pus was drained.

#### LABORATORY FINDINGS

On admission, hemoglobin-15.6 g/dL, red blood cell-6.04 × 10<sup>9</sup>/μL, white blood cell-18,380/μL (including 85% neutrophils, 10% lymphocytes, and 5% monocytes). A drainage was made, and 30-40 cc of pus was drained.

#### Access this article online

Quick Response Code: Website: www.mimerjournal.com  
DOI: 10.4103/mjms.mjms\_24

This is an open access journal, and articles are distributed under the terms of the Creative Commons Attribution-NonCommercial-ShareAlike 4.0 license, which allows others to copy, retransmit, and build upon the work non-commercially, as long as appropriate credit is given and the case creation are honored under the license terms.

For reprints contact: WWW@MIMERjournal.com or drsahjidmukhida@gmail.com

**How to cite this article:** Watwe SA, Das NK, Chate S, Mukhida S. Inactive *Escherichia coli* causing perianal abscess. MIMER J Health Sci 2025;13:83-5.

#### Letter to the Editor

#### Rising Co-occurrence of Chikungunya and Guillain-Barré Syndrome in Maharashtra, India

Swati Sahai, Nikunja Kumar Das, Sadhana S. Chate, Sandhya S. Kulkarni  
Department of Microbiology, MAEER MIT Pune's MIMER Medical College and Dr. BSTR Hospital, Talegaon Dabhade, Pune, Maharashtra, India

#### To the Editor,

Chikungunya is a viral illness disease spread by Aedes mosquitoes, which bite during the daytime. This illness has become a growing public health issue in India in 2024, particularly in Maharashtra, which recorded approximately 2,643 chikungunya cases as of September, an increase of 55% from the previous year. Across India, chikungunya cases reached 69,395 by early September, with a projected rise that may exceed past year's total of 20,064 cases.<sup>1,2</sup>

The rise in Chikungunya cases within the state of Maharashtra has been noticed more in urbanized cities, such as Pune, Mumbai, Nagpur, and Kolhapur. Among the reported cases, Nagpur tops the chart with 741 cases while Mumbai comes second with 338 cases, followed by Pune city with 227 cases and Kolhapur with 164 cases. The districts with the most cases are Kolhapur (219), Pune (190), Amravati (156), and Akola (129).<sup>3</sup> Chikungunya may present symptoms including fever, joint pain, and tiredness attributed to the disease. In recent times however, the virus has been associated with severe complications affecting the nervous system, particularly Guillain-Barré Syndrome (GBS). GBS is a disorder of the autoimmune system characterized by the body's immune system attacking the peripheral nerves and has a range of symptoms from muscle weakness to paralysis. It has been shown in studies that patients recovering from chikungunya are at an increased risk of developing GBS, but more so for

patients with underlying diseases, such as diabetes or heart diseases.

Various factors have been implicated for the surge in chikungunya cases, one of them being warmer climates and increased breeding of mosquitoes in both the towns and the villages, hence making it easier for the virus to spread. Reporting system issues have hindered accurate assessment of chikungunya's burden and related complications, such as GBS. There is always a tendency to underreport where there exists access to only minimal healthcare because such places do not allow for effective early outbreak detection and response measures.

Recent studies have revealed a possible association between chikungunya infection and the occurrence of GBS. Such association is speculative and is related to the defense response called "molecular mimicry." Chikungunya infection triggers a response from the immune system, but it is possible that due to the resemblance of some of the viral particles to the structures of the peripheral nerves, the immune system may destroy some of the nerve cells. This has been reported with other viruses spread by mosquitoes including Zika and could lead to an increased incidence of GBS after chikungunya infection.<sup>4,5</sup>

#### IMPACT IN MAHARASHTRA

Maharashtra like other parts of the world witnessed epidemics of the disease where hospitals reported many cases of chikungunya-related GBS. In the year 2024 for instance, hospitals in Mumbai noted 30% more incidences of GBS within the same season as outbreaks of chikungunya were reported. The signs and symptoms of GBS include weakness of the muscles, numbness or tingling around the body, and in some cases leading to total paralysis over a period of time. In Pune, health authorities have issued GBS following chikungunya.

Access this article online  
Website: www.mimerjournal.com  
DOI: 10.4103/mjms.mjms\_24

**Address for correspondence:** Dr. Swati Sahai, Department of Microbiology, MAEER MIT Pune's MIMER Medical College and Dr. BSTR Hospital, Talegaon Dabhade, Pune, Maharashtra, India. E-mail: drswatisai@gmail.com

#### Letter to Editor

#### Addressing the challenges in diagnosing and managing acute febrile illness in Eastern India

#### Dear Editor,

The study "A Clinimicrobiological Study of Serologically Diagnosed Acute Febrile Illness (AFI) in a Tertiary Hospital, Kolkata" published in October 2024<sup>1</sup> outlines some of the important issues that arise in the diagnosis and management of acute febrile illness. It brings into light the pressing need to deal with the challenges of overlapping symptoms, seasonal spikes in cases, and the limited diagnostic tools.

As found in the study, dengue fever remained the leading viral illness associated with acute febrile illness (AFI) over the vast majority of cases—followed by infections such as leptospirosis, scrub typhus, malaria, and enteric fever. The complications associated with the mortality patterns of diseases such as scrub typhus and leptospirosis are also alarming. There is evidently a gap in the ability to provide proper care to individuals at risk of suffering acute kidney injury and brain infections such as meningoenzephalitis due to a lack of timely and accurate diagnosis. There is an urgent necessity to deal with the problems related to the existing diagnostic delays which is most commonly due to the unavailability of certain tools and the lack of knowledge, education, and information on local diseases.

Although serological testing methods are practical due to their availability and rapid results, they are prone to cross-reactivity and have suboptimal sensitivity, especially when the disease is still in its early forms.<sup>2</sup> The use of more sophisticated diagnostic methods, like multiplex PCR, has the advantage of being able to test for several organisms at the same time with high levels

of sensitivity and specificity. But, the use of such technologies is still not fully accessible for the population at large in the poorer countries.

In light of these findings, it is of utmost importance to incorporate several aspects in the management of AFI. First, it is necessary for the healthcare systems in eastern India to construct regional epidemiological databases so that clinicians understand the existing pathogens and their clinical scenarios. Second, better management of AFI cases among the healthcare workers through training, periodical refresher courses and integration of management of fever into the treatment guidelines of the region can enhance the results.

Furthermore, it is also crucial to include advanced diagnostic facilities, for instance, PCR-based syndromic approaches. The technology could be made more available through public-private partnerships. Community-level measures, such as provision of health education and enhancing sanitation, are also important for alleviating these vector-borne diseases.

The research offers a vital guide to decision-makers and health practitioners in combating the rising menace of factors causing acute febrile illness (AFI) in India. It is quite possible to intervene in the burden of morbidity and mortality related to acute febrile illness (AFI) through the appropriate use of modern evidence-based techniques in management of such illness as well as modern technology.

#### Financial support and sponsorship

Nil.

#### Conflicts of interest

There are no conflicts of interest.

Swati Sahai, Nikunja K. Da

Department of Microbiology, MAEER MIT Pune's MIMER Medical College and Dr. BSTR Hospital, Pune, Maharashtra, India

# Museum Study



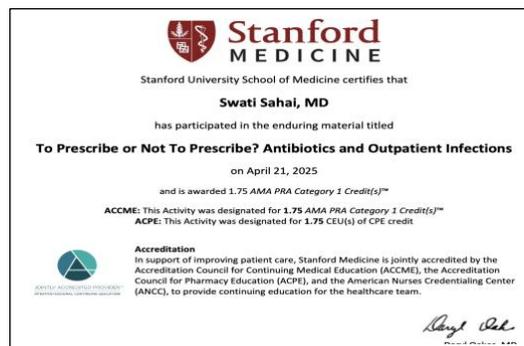
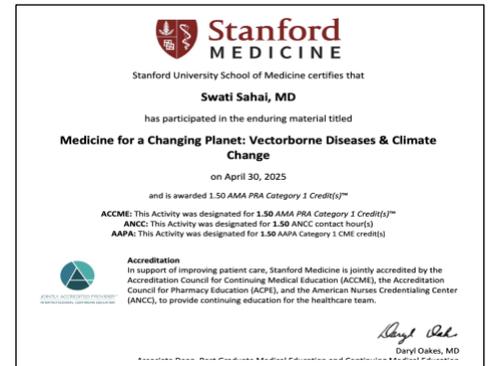
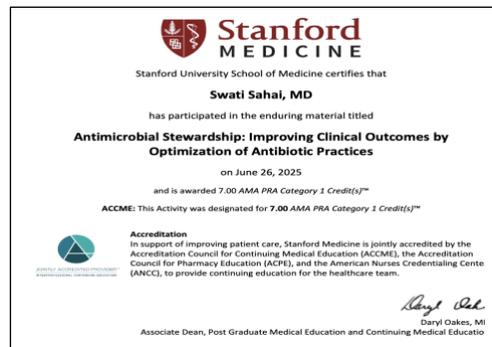
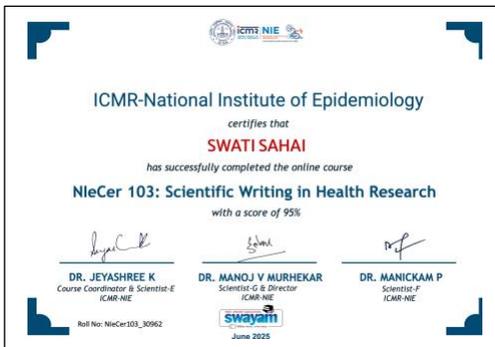
## Dr. Sandhya S. Kulkarni participated as the Nodal Officer for SIP 2025



# Small Group Teaching (SGT) conducted by the faculties



# Faculty Development Programs





# DEPARTMENT OF MICROBIOLOGY

## Newsletter July-September 2025

॥ स्वास्थ्य-सेवा-सुशिक्षणम् ॥  
MIMER MEDICAL COLLEGE



**Dr. Swati Sahai presented on “Microbial Films and Antimicrobial Resistance: Challenges and Innovative Therapeutic Interventions” on July 14, 2025 in Research & Development Session**



**CCL Training of B.Sc Biotechnology students**

**Basic Course in Medical education attended by Dr. Gauri Yadav & Dr. Swati Sahai from 7<sup>th</sup> to 9<sup>th</sup> July 2025**



## Sepsis Day Celebration on 15<sup>th</sup> September, 2025



## PG activity by Dr. Vidyagauri on 26<sup>th</sup> September, 2025

**ORIGINAL RESEARCH PAPER** Volume: 14 | Issue: 09 | September - 2025 | (P-ISSN) ISSN No. 2277-8176 | (E-ISSN) 2838-2422

**INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH**

**RISK FACTORS CONTRIBUTING TO CATHETER-ASSOCIATED URINARY TRACT INFECTIONS: A HOSPITAL-BASED CROSS-SECTIONAL STUDY**

**Microbiology**  
**Dr. Swati Sahai\*** Assistant Professor, Department Of Microbiology, MIMER Medical College & Dr. BSRH Hospital, Talegaon (D), Pune-410507, Maharashtra, \*Corresponding Author  
**Dr. David Agalwala** Professor, Department Of Microbiology, Madras Medical College, Chennai.

**ABSTRACT**  
**Background:** Catheter-associated urinary tract infections (CAUTI) remain the most frequently encountered hospital-acquired infections. Their occurrence is influenced by multiple clinical and demographic risk factors. **Objective:** This study aimed to explore the relationship between symptomatic CAUTI and commonly reported high-risk variables. **Methods:** A cross-sectional analysis was carried out over a 12-month period, involving 100 patients with indwelling urinary catheters. Symptomatic CAUTI was identified using established diagnostic criteria. Potential contributing factors such as age, sex, duration of catheterization, diabetes, immunosuppression therapy, and underlying medical conditions were analyzed. **Results:** The incidence of CAUTI was calculated as 23.07 per 1,000 catheter days. The highest frequency was noted among patients aged 71-80 years. Diabetes mellitus was strongly associated with catheters, conferring nearly a 3-fold higher risk. Similarly, neurological disorders (Odds Ratio 3.14) and respiratory disease (Odds Ratio 6.44) were significant risk factors. Patients with pre-existing antibiotic resistance to multiple antimicrobials demonstrated an 8-fold increase in CAUTI risk (OR 8.12). **Conclusion:** Identifying high-risk individuals and increased risk of CAUTI is essential for guiding preventive strategies. Limiting catheter duration, optimizing glycemic control, and ensuring adherence to aseptic practices during insertion and maintenance are key measures. Incorporating a structured 'catheter care bundle' may further decrease infection rates.

**KEYWORDS**  
 catheter-related infections, hospital-associated infections, nosocomial infections, urinary tract infection, risk factors, CAUTI

**INTRODUCTION**  
 Healthcare-associated infections (HAIs) are recognized worldwide as a major public health concern, contributing significantly to both morbidity and mortality among hospitalized patients [1]. By definition, an HAI is a clinical infection that manifests after 48 hours of hospital admission and is not present or incubating at the time of admission [2]. These infections are usually caused by organisms endemic to the hospital environment and are often used as indicators of healthcare quality [2].

Urinary tract infection (UTI) is the most common type of nosocomial infection, accounting for nearly 25% of all reported cases [3]. Among these, over 80% are related to the use of indwelling urinary catheters, and are therefore categorized as catheter-associated urinary tract infections (CAUTI) [4]. Globally, it is estimated that more than 100 million urinary catheters are inserted annually, representing an average of 200 catheters every minute [4,5]. Annual use in the hospitalized patient population is estimated to be 1.5 billion [6].

In many situations, this intervention results in the leading cause of hospital-acquired UTI [6]. Studies have consistently shown that, in most cases, UTIs occur after catheter insertion [7]. In intensive care units (ICU), CAUTI is particularly common due to prolonged hospital stays, frequent use of broad-spectrum antibiotics, multiple comorbidities, and higher rates of invasive procedures. In developing countries, both the incidence of HAIs and the prevalence of antimicrobial resistance are reported to be three to five times higher [8].

Several risk factors have been identified in the development of CAUTI. Duration of catheterization is one of the most significant, with infection risk increasing by approximately 1% with each additional day the catheter remains in place. Catheters may be classified as short-term (28 days or less) or long-term (>28 days), with the latter associated with markedly higher risk. Female gender is another important factor, with the disease severity and its clear relationship to the presence of the age of 65, longer duration of hospitalization, and insertion of the catheter [9].

Other risk factors include diabetes mellitus, chronic neurological and respiratory illnesses, and surgical or urological procedures. Immunosuppression, such as with steroid therapy, further increases susceptibility [9,10].

Despite well-established preventive strategies-including limiting catheter use, adhering to aseptic insertion techniques, and maintaining appropriate catheter care-CAUTI continues to represent a major public health concern. A detailed understanding of the relative importance of these risk factors is essential for developing targeted interventions to reduce CAUTI incidence and associated morbidity and mortality [11,12].

**Letter to Editor**

**Antibiotic resistance and biofilm formation in *Klebsiella pneumoniae*: A global health threat**

**Dear Editor,**

I am writing to commend and draw attention to the article titled "Evaluation of biofilm formation and carbapenem resistance in *Klebsiella pneumoniae* isolated from clinical samples at a rural hospital in western Uttar Pradesh" published in your esteemed journal in November 2024 [1]. This work is of utmost interest to healthcare professionals and researchers alike as antimicrobial resistance has become a global health problem, and most of the multidrug-resistant organisms (MDROs) manifest biofilm formation [2].

*Klebsiella pneumoniae* is one such organism that has demonstrated resistance to beta-lactams, particularly Extended Spectrum beta-Lactamases (ESBL) and carbapenems, thus emerging as one of the MDROs responsible for difficult-to-treat cases. These bacteria have been implicated in several healthcare-associated infections. Their drug-resistant property has led to an increase in mortality and morbidity cases in hospital settings, resulting in an economic burden, including prolonged hospital stays and increased healthcare costs [3].

The biofilm consists of communities of bacteria embedded in an extracellular matrix comprising proteins, exopolysaccharides, deoxyribonucleic acid (DNA), and lipopeptides. *K. pneumoniae* can produce a thick layer of extracellular biofilm that supports the bacterial attachment to living or non-living surfaces, the biofilm, thus, can hinder antibiotic penetration, reduce drug effectiveness and contributes to antibiotic resistance [4]. These are qualitative and quantitative methods to detect biofilm formation; additionally, advanced polymerase chain reaction (PCR) based techniques have been performed for detecting biofilm-associated genes [5]. As found in several studies, including this one, 66% of the isolates were carbapenem-resistant based on the Kirby-Bauer disk diffusion method. Among them, New Delhi metallo-beta-lactamase was the most common carbapenemase gene. (NDM). The correlation between biofilm formation and carbapenem-resistant *K. pneumoniae* (CR-KP) genes was found to be statistically significant in this study.

All the above findings highlight the severity of antimicrobial resistance in the present era. Not only does it limit the availability of commonly used antibiotics for the treatment, but it also emphasizes the need for alternative therapeutic approaches. This ultimately leads to complicating the treatment regimen, thereby increasing the healthcare costs. This day is not far when healthcare systems face a pre-antibiotic era-like situation due to unsustainable infections.

The need of the present hour is not just knowledge but stringent hospital infection control practices and antimicrobial stewardship programs. Additionally, research on alternative therapies, such as anti-biofilm agents, is critical. In conclusion, a holistic approach to antimicrobial resistance is essential in combating this challenge.

**Financial support and sponsorship**  
 Nil.

**Conflicts of interest**  
 There are no conflicts of interest.

**Swati Sahai\*, Nikunj K. Das\***  
 Department of Microbiology, MIMER MIT Pune's Maharashtra Institute of Medical Education and Research (MIMER) Medical College and Dr. Bhausaheb Sardesai Patilwani Talsang General (Dr. BSRH) Hospital, Talegaon, Pune, Maharashtra, India. | Department of Microbiology, Datta Institute of Health Sciences and Hospital, Colaba, (Delhi), India

Address for correspondence: Dr. Swati Sahai, Department of Microbiology, MIMER MIT Pune's Maharashtra Institute of Medical Education and Research (MIMER) Medical College and Dr. Bhausaheb Sardesai Patilwani Talsang General (Dr. BSRH) Hospital, Talegaon, Pune, Maharashtra - 411 007, India. | E-mail: drswati20@gmail.com

## Publications by the faculties in the Indexed Journals



# DEPARTMENT OF MICROBIOLOGY

## Newsletter October-December 2025

॥ स्वास्थ्य-सेवा-सुशिक्षणम् ॥  
MIMER MEDICAL COLLEGE



**World Bioethics Day 2025 was celebrated with great enthusiasm on 14<sup>th</sup> October 2025 with speech presentation, skit performance & slogan competition. There was active participation from students of II MBBS CBME batch 2024-25.**



**Global Handwashing Day Celebration on 15<sup>th</sup> October, 2025 at Nanoli Zilla Parishad by Dr. Swati Sahai & Dr. Vidyagauri Gaikwad**

## Training session on Use of fire extinguisher -VRDL



## Guest lecture - CRBSI: Preventing the Hidden Threat on the occasion of Infection Prevention Week by Dr. Jaishree Madhusudan Petkar, Professor and HOD, Department of Microbiology, PCMC Post Graduate Institute, YCM Hospital.



## Mrs. Smita Watve participated in poetry competition for World Bioethics Celebration

## PG activity by Dr. Vidyagouri Gaikwad



# World Antimicrobial Awareness Week 2025 celebration 2025- Student Seminar



## Annual Research Conference 2025- paper presentation by Dr. Swati Sahai



## WAAW celebration 2025: Collaborative Lecture



