

Press Release

JMI organizes a two days National Conference on Antimicrobial Resistance

New Delhi, November 10, 2025

Centre for Interdisciplinary Research in Basic Sciences (CIRBSc), Faculty of Life Sciences, Jamia Millia Islamia, New Delhi organized the National Conference on ***“Frontiers in Antimicrobial Resistance (AMR): Research, Policy, and Practice”*** from 6th - 7th November 2025. This event was part of the 105th Foundation Day Celebration of Jamia Millia Islamia. Antimicrobial Resistance, or AMR, has emerged as one of the most formidable global health challenges of the twenty-first century. The alarming rise of resistant pathogens threatens to undermine decades of medical progress, posing a grave risk to public health, agriculture, and the environment alike. This conference served as a platform for scholarly dialogue and collaborative exchange, bringing together researchers, clinicians, scientists, academicians, policymakers, and stakeholders to deliberate on the latest developments in AMR research, surveillance, practice and strategic policy interventions.

The inaugural session of the conference was held on 6th November 2025. The conference began with Quran recitation followed by recitation of Jamia Tarana. Subsequently, the eminent guests were felicitated with momentos and shawls as a token of appreciation. The session was graced by Prof. Mazhar Asif (Vice Chancellor, Jamia Millia Islamia), Prof. Md. Mahtab Alam Rizvi (Registrar, JMI) Chief Guest (Prof. R. C. Kuhad, Vice Chancellor Swami Vivekanand University, Kokrajhar, Assam), Guest of Honour (Prof. S. K. Srivastava, Vice Chancellor, Babu Banarasi Das University, Lucknow, Uttar Pradesh) and Keynote Speaker (Prof. Rajeev Sood, Vice Chancellor Baba Farid University of Health Sciences, Faridkot, Punjab). Prof. Zahid Ashraf (Dean Faculty of Life Sciences), Prof. Rajan Patel (Chairman and Director CIRBSc) Prof. Tanuja (Dean Academic Affairs JMI and Convener of the conference), Prof. Shama Parveen (Organizing Secretary), faculty members and research scholars of the Faculty of Life Sciences and participants were present at the inaugural session. The dignitaries extended their appreciation to the organizing committee for organizing such an important event.

During the inaugural session, Prof. Shama Parveen briefed about the conference to the audience. Prof. Rajan Patel delivered the welcome address highlighting the importance of interdisciplinary research at the CIRBSc. Prof. Zahid Ashraf spoke about the achievements of the Faculty of Life Sciences in the field of AMR and other research-based advancements. Prof. Tanuja emphasized the role of Jamia Millia Islamia in fostering academic excellence and community-focused education. Prof. Md. Mahtab

Alam Rizvi, addressed the gathering and acknowledged the efforts of the organizing committee in creating a meaningful academic platform. He also emphasized the importance of disseminating the knowledge generated during the conference to a wider audience, ensuring that the insights and research outcomes contribute to public awareness, and academic advancement. The Presidential address for the inaugural ceremony was delivered by Prof. Mazhar Asif, Hon'ble Vice Chancellor, Jamia Millia Islamia, who highlighted the importance of academic institutions in driving impactful research and fostering innovation to counter AMR. He emphasized the need for collaborative scientific efforts and community awareness to prevent AMR. He also encouraged the adoption of a healthy lifestyle as a preventive measure to reduce the risk of infections and to tackle the issue of AMR.

Prof. Kuhad highlighted the alarming rise of antimicrobial resistance worldwide, underscoring the urgency for collaborative research, public awareness, rational antibiotic usage, and robust policy mechanisms. He also focused on implementation of NEP-2020 across the country for the efficient dissemination of academic knowledge across the country. The event also welcomed Prof. S. K. Srivastava who emphasized the importance of preventive strategies and inter-institutional cooperation to mitigate the spread of AMR. The Keynote Address was delivered by Prof. Rajeev Sood who spoke on the clinical implications of AMR, challenges in patient care, and the need for strengthening antimicrobial stewardship programs at national and institutional levels. On this occasion Prof. Mazhar Asif also welcomed distinguished scientist and renowned immunologist Prof. Javed Agrewala from IIT Ropar and felicitated him with a shawl. Prof. Agrewala's pioneering research in immunology, host-pathogen interactions, and vaccine development in infectious diseases, has earned him national and international recognition including fellows of all major science academies, the Indian National Science Academy (INSA), the Indian Academy of Sciences (IASc) and the National Academy of Sciences, India (NASI). He was also bestowed with the prestigious Shanti Swaroop Bhatnagar award for his scientific contributions. A plenary talk by Prof. Agrewala at the conference focused on next-generation *Mycobacterium tuberculosis* vaccines with emphasis on both innate and adaptive immune responses.

The discussions in the conference focused on different themes including emergence and spread of AMR resistance, AMR in the environment, infection and management of AMR, mechanisms of resistance, alternative therapies, AMR and policy, antiviral drug resistance, AMR clinical case discussions, interdisciplinary themes and vaccines. The conference had an impressive panel of 25 eminent speakers from reputed research institutes [CSIR-Institute of Genomics and Integrative Biology (CSIR-IGIB, Delhi), IISER (Indian Institute of Science Education, Kolkata), Translational Health Science and Technology Institute (THSTI, Faridabad), Institute of Liver and Biliary Sciences (ILBS, New Delhi)], Indian Institute of Technology [IITs, Delhi, Ropar], hospitals [AIIMS Delhi, Vardhman Mahavir Medical College and Safdarjung Hospital] and universities [Jawaharlal Nehru University (JNU), Aligarh Muslim University (AMU), Jamia Hamdard,

Banaras Hindu University (BHU), Delhi University (DU), Shiv Nadar (Delhi-NCR)] funding agencies [Department of Biotechnology (DBT), Indian Council of Medical Research (ICMR)], companies [NextGen Life Sciences, Qinecsa solution]. The conference received an overwhelming response with more than 400 registered participants including faculty members, scientists, researchers, clinicians, doctors, dentists, pharmacists, graduate and post graduate students (MBBS/BDS/BPharm/MPharm/MBA). The participants were from different university and institutes including Delhi University, JNU, AMU, Jamia Hamdard, University of Calcutta, Integral University Lucknow, SGT Gurugram, Amity Noida, IITs, JMI, MDSU Ajmer, Shiv Nadar University Delhi-NCR and many more. There was a total of 202 abstracts (25 invited talks, others 177 (136 poster presentations and 41 oral presentations). Over the two days of the conference, 24 lead invited talks, 7 parallel sessions of oral talks by young faculty/students and poster presentation sessions were conducted, providing an interactive platform for research on AMR, policy discussion, and collaboration.

The concluding session of the conference was held on 7th November 2025 in which the Organizing Secretary thanked the Jamia administration including the honorable Vice Chancellor JMI, Registrar JMI, Vice Chancellor's office, Registrar's office, Finance office, Proctorial team, etc. for their unwavering support. Dr. Parveen was also grateful to the faculty members, non-teaching, students and volunteers for their support and cooperation for the event. The organizing committee was also grateful to funding agencies like DBT, ANRF, DRDO and CSIR as well as other sponsors for providing financial support. Twenty best poster presentations and eight best oral presentations were also awarded to the deserved candidates. The active participation and engagement of speakers, faculty members, research scholars, and students further enriched the conference, making NCFAMR 2025 a truly impactful and memorable event.

Prof. Saima Saeed

Chief Public Relations Officer









PROF. SHAMA PARVEEN
(CIRBSc., Jamia Millia Islamia)
ORGANIZING SECRETARY









