

ICAR-IVRI Launches Training Program on Genome Editing Technologies

The ICAR-Indian Veterinary Research Institute (IVRI) launched a Training Program on Introduction to Genome Editing Technologies for Development of Vaccine and Diagnostics on February 18, 2025. Organized by the Centre of Excellence in Genome Editing Technology, IVRI, and sponsored by ICAR, Delhi, the program aims to advance veterinary research by introducing cutting-edge genome editing tools to researchers, academicians, and professionals.

The event was inaugurated by Dr. Amresh Kumar, Director General, KCMT, Bareilly and the function was presided by Dr. Triveni Dutt, Director-cum-Vice Chancellor, IVRI. The event was attended by Dr S K Singh, Joint Director (Research), Dr Sohini Dey Joint Director (CADRAD) and other dignitaries.



Dr. Bablu Kumar delivered the Welcome Address, expressing his gratitude to the esteemed guests, Dr. Amresh Kumar and Dr. Triveni Dutt, for their support and leadership. He emphasized the importance of the **Training Program on Introduction to Genome Editing Technologies for Development of Vaccine & Diagnostics** in advancing veterinary science through cutting-edge technologies.

Dr. Bablu Kumar welcomed all the dignitaries and participants of the training program.

Dr. PK Gupta, Programme Coordinator and Course Director, outlined the objectives of the NP-GET project and welcomed participants from across the country. The training program, will continue until February 28, 2025, combines theoretical lectures and hands-on sessions led by expert faculty from IVRI's Izatnagar, Mukteshwar, and Bengaluru campuses.

Dr. Triveni Dutt, Director, IVRI, provided insights into the institute's significant contributions to veterinary research. Director, IVRI highlighted IVRI's legacy in veterinary research and emphasised its contribution in development of vaccines and diagnostics. He discussed the importance of genome editing in advancing livestock traits and vaccine development, stressing the transformative potential of these technologies in the veterinary field. He congratulated the whole NP-GET team for organising the training workshop for the young brains.

The chief guest of the event **Dr. Amresh Kumar**, Director General, KCMT, Bareilly, delivered the inaugural address at the launch of the "Introduction to Genome Editing Technologies for Development of Vaccine and Diagnostics" training program. He appreciated the efforts of IVRI for taking up capacity building activities in cutting-edge technologies like Genome Editing which is certainly going to be a game changer in the near future. His speech included several key points

regarding the significance of genome editing in veterinary science. He shared the story of the genome manipulation in bluefin fish. He motivated the participants to make best out of the opportunity bequest to them.



The programme ended with the vote of thanks from Dr Sonalika Mahajan. The programme was coordinated by Dr I. Karuna Devi. The programme was attended by the Heads of various divisions and the faculty of the training programme. The training program will continue until **February 28, 2025**, covering more advanced topics in genome editing, including its application in disease control, precision diagnostics, and improving livestock productivity.

