



Sher-e-Kashmir
University of Agricultural Sciences
& Technology of Kashmir



National Mission on
Himalayan Studies (NMHS)

05-DAYS WORKSHOP



NHEP

Bioengineering and Assisted Reproduction in Animal Health and Production

2nd May - 7th May 2024

Organized by

Division of Animal Biotechnology, F.V.Sc. & A.H
SKUAST-Kashmir, Shuhama, J&K - 190006

About Workshop

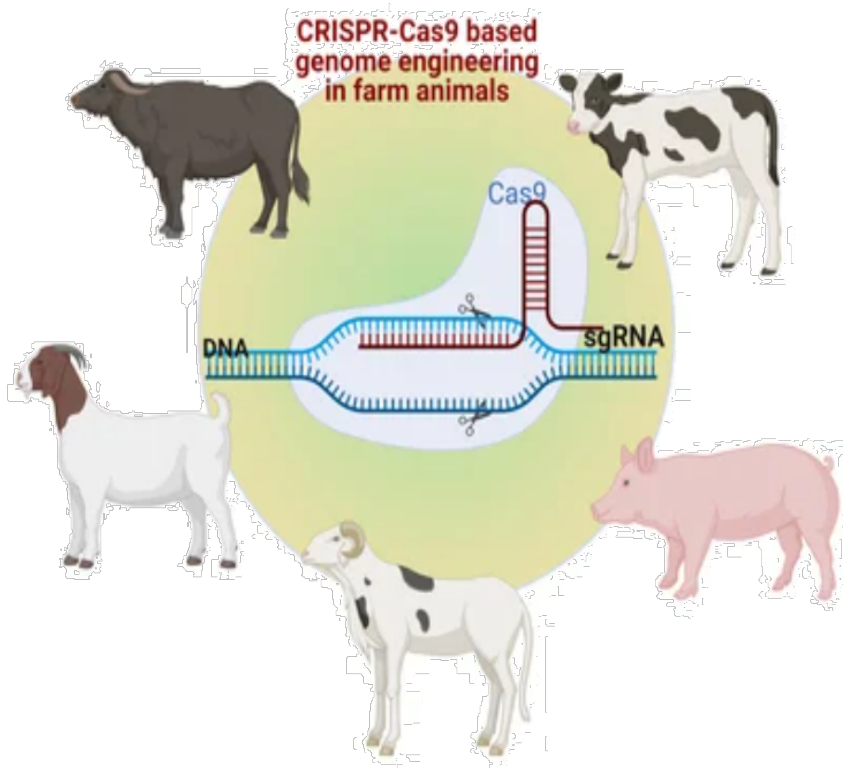
Genome editing and tissue engineering are at the forefront of modern technologies aimed to improve animal health and production. The field has become increasingly relevant currently in the impending threat of global warming and climate change with the uphill task of increasing animal productivity and reducing carbon footprint. Hence, sustainable growth of livestock for nutritional security and economic prosperity of farmers as well as to enhance production and productivity through biotechnological interventions is of immense importance. Of late the genome editing tools like CRISPR have changed the landscape of animal production, health, biotherapeutics & xenotransplantation beyond the apparent paradox. The workshop shall focus on basic concepts and practical aspects of biomaterials for tissue regeneration, bioengineering and CRISPR based genome editing in mammalian systems.

Organizing Committee

Patron	Prof. Nazir A Ganai Honourable, Vice-Chancellor SKUAST-K
Co-Patron	Prof. H. R. Naik Director Research, SKUAST-K
Chairman	Prof. M.T. Bandy Dean, FVSc & AH, SKUAST-K
Co-Chairman	Prof. Azmat Alam Khan OSD to VC, SKUAST-K
Convener	Prof. Syed Mudasir Andrabi Prof & Head Div. of Animal Biotech SKUAST-K & Prof. Riaz A Shah Professor & Head, MLRI, Manasbal, SKUAST-K
Organising Secretary	Dr. Hina Fayaz Bhat Assistant Prof, Div. of Animal Biotech SKUAST-K
Co-organizers	Dr. Suhail Magray, Dr. Sahar Saleem, Dr. Sheza Div. of Animal Biotech SKUAST-K

About the Division

The Division of Animal Biotechnology (ABT) is one of the leading divisions at SKUAST-Kashmir that has achieved international recognition by producing the world's first pashmina goat clone (Noori). The division provides international exposure and fascinating realms to the students in the areas of bioengineering, Molecular therapeutics, drug designing and vaccine development etc. The division is focused to develop next generation vaccines and bioengineering based therapeutic interventions for animal and human welfare. The division has kept pace with cutting-edge research in varied areas of biotechnology and kept taking up research problems that are relevant to society. The division is well equipped with state-of-the-art laboratories, expert faculty and huge funding support from the central funding agencies like DBT, DST, SERB. Recently the division has received a prestigious grant for the establishment of Center of Excellence on AMR in One Health approach from the Department of science and technology, Gol.



Training Highlights

CRISPR Cas-9 BASED GENOME EDITING IN MAMMALIAN SYSTEMS

BIOENGINEERING MATERIALS FOR TISSUE REPAIR AND REGENERATION

IN-VITRO MAMMALIAN EMBRYO PRODUCTION AND THEIR GENE EDITING

Registration Fee/Bank Details:

Faculty : 1200 INR
Students & Researchers: 700 INR

Participants can apply via Google form Link provided
Confirmation e-mail will be sent by 1st May 2024

Link: <https://forms.gle/ybk3b2fhTqRK5xkJ6>

QR Code / Bank Account Details:

Account No: 0854010200000032
IFCE Code: JAKA0SHUHAM



For online registration Scan the QR Code

Eligibility:

PhD, Post-doc and early career scientists are eligible to apply

For queries contact:

Dr Hina Fayaz Bhat, Dr. Suhail Magray Division of ABT, FVSc. & AH, SKUAST-K
Shuhama Contact: (+91 7889617967) Email:animalbiotech378@gmail.com

Note: No TA/DA shall be allowed for attending the Training. However, working Lunch/Tea shall be provided.