

**Uka Tarsadia University sponsored**

**Symposium on**

**"Introduction to Genome Editing Technology - CRISPR"**

**Organized by Maliba Pharmacy College**

**Date: 29<sup>th</sup> February 2024**

**REPORT**

The Uka Tarsadia University sponsored symposium on "Introduction to Genome Editing Technology - CRISPR" was successfully organized by Maliba Pharmacy College on the 29<sup>th</sup> February 2024, Thursday. The event witnessed an enthusiastic participation of 78 participants (60 Female and 18 Male) from Pharmacy and Biotechnology field, who were keen on exploring the advancements in CRISPR technology. The symposium commenced with an inaugural address delivered by Dr. Renu Chauhan, the Academic Head, she extended a warm welcome to all the participants and provided insightful information about the symposium. Further the key note address was given by the coordinator of the symposium, Dr. Bhavin Vyas, Head of Pharmacology Department and Pharmacy Practice at Maliba Pharmacy College. Dr. Bhavin Vyas provided the information on the importance of CRISPR technology in the field of genome editing and elaborated the schedule of symposium along with introduction of the esteemed speakers for the day. Followed by the key note address, the gathering was addressed by Dr. Gopal Jee Gopal, speaker of the symposium and he appreciated the participants for their enthusiasm for the symposium.

After inauguration, the first session was commenced by Dr. Gopal Jee Gopal, who provided a comprehensive introduction to CRISPR technology. He delved into the applications of CRISPR/Cas9, with a focus on its utilization in mouse models for genome editing. Dr. Gopal's session set the tone for the symposium, offering valuable insights into the foundational aspects of CRISPR. The second session was conducted by Dr. Bhargavi Desai, centered on the bioinformatics tools like CRISPOR, Breaking CAS etc. employed in designing CRISPR experiments and synthesis of guide RNA were discussed. Participants gained a deeper understanding of the bioinformatics tools crucial for effective and precise genome editing experiments. The symposium concluded with gratitude extended to the speakers, participants, and sponsors, ensuring that the event's success will pave the way for future endeavors in cutting-edge scientific exploration.







