

DBT/ Institute for Stem Cell Science & Regenerative Medicine (inStem), Bangalore

**Workshop on `basis of Crispr/Cas gene editing Construct Design & Screening Assays`**

By Sunderarajan Padmanabhan

New Delhi, March 16: Department of Biotechnology's Institute for Stem Cell Science & Regenerative Medicine (InStem) has a state-of-the art Animal Centre and Resource Facility (ACRC) established in its campus in partnership with the National Centre for Biological Sciences (NCBS) and supported by the National Mouse Research Resource grant from the DBT.

The ACRC has a regular program of workshops that provide training to applicants in basic elements of animal care as well as more advanced applications in the field. It has now come out with an announcement that applications are now open for the first Hands-On Workshop on basis of Crispr/Cas gene editing Construct Design & Screening Assays, which will be held at the Bangalore Life Science Cluster campus from April 20-24, 2020.

This workshop will be focused on the latest advances in Crispr/Cas based genome editing with specific application examples of Mouse Genome Editing techniques. The participants will learn to choose and design a genome editing strategy, select and design sgRNAs required for a specific target region of interest and validate CRISPR /Cas induced genomic modifications via Cas9 In Vitro Cleavage assays and T7endonuclease surveyor assays. A session at the workshop will focus on statutory guidelines and policies governing genetically modified organisms that regulate work in this area. The last date for the receipt of applications is March 25th, 2020. More information is available at: <https://www.ncbs.res.in/research-facilities/acrc>

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