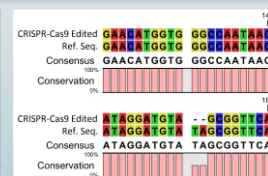
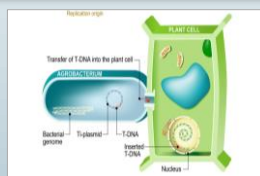
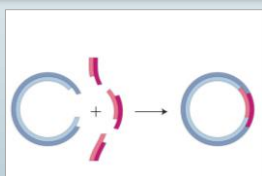


Hands-On Training on CRISPR/Cas9 Mediated Gene-editing in Plants

Event funded by SERB under Accelerate Vigyan
Abhyaas – Karyashala program

Program Details: The online workshop will cover all the issues related to the fundamentals of molecular cloning and gene-editing technologies and their applications, experimental planning to initiate new experiments, and plant tissue culture for the generation of edited plants such as rice, tomato and rapeseed for improved traits. It will demonstrate and will provide hands-on experience through online interactions and recorded videos to select a target for editing, selection of appropriate vectors, construct designing, and delivery methods in crop plants. The challenges associated with the plant transformation in different crops and faced by users in obtaining gene-edits will be discussed. Finally, confirmation of putative edited plants by different methods will be demonstrated.



This is an online event. The meeting code will be shared with the confirmed participants at a later date.

Confirmed speakers

- Day 1: October 3: Inauguration lecture 1: By Dr. Thomas Jacobs, Expert Scientist, Plant Genome-Editing, PSB/VIB, Ghent University, Belgium
- Day 2: October 4: Dr. Jitender Giri, Scientist IV, NIPGR, New Delhi..
- Day 3: October 5: Dr. Naveen C. Bisht, Scientist V, NIPGR, New Delhi.
- Day 4: October 6: Dr. Satya Swathi Nadakuduti, Assistant Professor, University of Florida.
- Day 5: October 7: Dr. Rupesh Deshmukh, Ramalingaswamy Fellow, NABI, Mohali.
- Day 6: October 8: Dr. Satender Kumar Mangrauthia, Senior Scientist, IIRR, Hyderabad
- Day 7: October 9: Dr. Rahul Kumar, Assistant Professor, University of Hyderabad.
- Day 8: October 10: Valedictory function.

Afternoon sessions from October 4-9, 2021

Online interactive live sessions covering the fundamentals of plant genome-editing will schedule in the afternoon.

Note: More details of the events such a title and timing of the lectures or afternoon sessions will be shared with the participants through email at a later stage. Recorded videos of the different steps of genome-editing methodology in plants will also be shared with the participants.

Workshop dates:
October 3-10, 2021

**NO REGISTRATION
CHARGE**

Convener: Dr. Rahul Kumar,
Dept. of Plant Sciences, University
of Hyderabad

Participation Eligibility: M.Sc. and Ph.D. students and college teachers from botany/plant sciences background. B.Sc. Botany (Hons) students who have already finished their courses can also attend the event but the number of such students will be subjected to the availability of the free online slots.

How to apply: Interested candidates are requested to fill the registration form using the given weblink and should also email the same to the workshop email mentioned below.

https://docs.google.com/forms/d/1TheCilxpKT2AIAg_LdSowkz6r7RO22icPvxEinjwJMec/edit

In case of any query, contact us either using Email: workshopUoH@gmail.com or Phone: 040-23134567.

E-certificates of participation will be issued to all participants.