

**Workshop on CRISPR-Cas9 based targeted genome editing
13th to 17th March 2018**

**CSIR-Institute of Genomics and Integrative Biology,
Mathura Road, New Delhi-110025**

Schedule:

13th March (Day 1)	
10:00-10:15am	Welcome Address- <i>Dr. Anurag Agrawal</i>
10:15-10:30am	Opening Speech- <i>Dr. Debojyoti Chakraborty</i>
10:30-11:30am	“CRISPR Engineering of model systems for function discovery” ~ <i>Dr. Mihail Sarov</i>
11:30am-12:00pm	<i>Coffee Break</i>
12:00-1:00pm	“Use of mouse as a model organism and CRISPR assisted targeting” ~ <i>Dr. Francis Stewart</i>
1:00-2:00pm	<i>Lunch</i>
2:00-2:30pm	“Technical Talk Session” ~ <i>Dr. V. Ramesh</i>
2:30-3:15pm	“Genome Engineering of Chinese Hamster Ovary (CHO) cell factories with enhanced attributes” ~ <i>Dr. Vaibhav Jadhav</i>
3:15-4:00pm	“Popular Science Talk” ~ <i>Dr. Goutam Basu</i>
4:00-4:30pm	<i>Coffee Break</i>
4:30pm Onwards	<i>Experiments (Day 1)</i>

14th March (Day 2)	
10:00-11:00am	“Molecular mechanism of CRISPR and structure based development of genome editing tool towards medical applications” ~ <i>Dr. Osamu Nureki</i>
11:00-11:30am	<i>Coffee Break</i>
11:30am-12:30pm	“Repurposing Cas9: expanding the genome editing toolbox” ~ <i>Dr. Debojyoti Chakraborty</i>
12:30-1:30pm	<i>Lunch</i>
1:30pm onwards	<i>Experiments (Day 2)</i>
7:00pm	<i>Gala Dinner</i>

15th March (Day 3)

10:00-11:00am	Students talk Session: <ol style="list-style-type: none">1. <i>sgRNA designing and off target reduction</i>2. <i>Delivery of Cas9</i>3. <i>Orthologous Cas9 systems</i>4. <i>Applications of Cas9</i>5. <i>Cas9 based HDR dependent gene knock-in & tagging.</i>
11:00am-1:30pm	<i>Experiments (Day 3)</i>
1:30-2:30pm	<i>Lunch</i>
2:30pm onwards	<i>Experiments (Day 3)</i>

16th March (Day 4)

Speaker and Participants Interactive Session:	
10:30-11:00am	Dr. Mihail Sarov
11:00-11:30am	Dr. Vaibhav Jadhav
11:30am-12:00pm	Dr. Osamu Nureki
12:00-1:30pm	<i>Experiments (Day 4)</i>
1:30-2:30pm	<i>Lunch</i>
2:30pm onwards	<i>Experiments (Day 4)</i>

17th March (Day 5)

10:00am-1:30pm	<i>Experiments (Day 5)</i>
1:30-2:30pm	<i>Lunch</i>
2:30pm	Thank you note ~ by Organisers