



CRISPR

2019 OCT 3RD

| Date | Time | Track | Presentation Title | Speaker |
|-------|---------------------------|--|--|--|
| 3-Oct | 06:00 - 07:00 AM | Ethics and Regulations of Gene Editing | CRISPR Regulations: Rewriting DNA and Rethinking GMOs | Lea Witkowsky, PhD Policy Analyst, Innovative Genomics Institute, University of California, Berkeley |
| 3-Oct | 06:00 - 07:00 AM | CRISPR in Gene Editing Applications | CRISPR/Cas9 technology and insect population control | Nikolay Kandul, PhD Research Scientist, University of California, San Diego |
| 3-Oct | 07:30 - 08:30 AM | CRISPR in Gene Editing Applications | Keynote Presentation: CRISPR/Cas9 genome editing in mouse and rat: The PHENOMIN-ICS experience | Marie-Christine Birling, PhD Head associate of the Genetic Engineering and Model validation Department Group Leader Genetic Engineering, Institut Clinique de la Souris |
| 3-Oct | 09:00 - 10:00 AM | CRISPR in Gene Editing Applications | Application of CRISPR-Cas9 in plants | Xing-Liang Ma, PhD Post Doctoral Fellow, Global Institute for Food Security, University of Saskatchewan |
| 3-Oct | 09:00 - 10:00 AM | CRISPR Biology | Structures of CRISPR-Cas surveillance complexes | David Taylor, PhD Assistant Professor and CPRIT Scholar, Department of Molecular Biosciences, University of Texas at Austin |
| 3-Oct | 10:30 - 11:30 AM | Ethics and Regulation of Gene Editing | Experimenting on future children: How do early adopters shape the ethics and regulation of new technologies? | Catherine Mills, PhD SOPHIS Research Coordinator Monash Bioethics Centre, Monash University |
| 3-Oct | 10:30 - 11:30 AM | Ethics and Regulation of Gene Editing | Experimenting on future children: How do early adopters shape the ethics and regulation of new technologies? | |

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| 3-Oct | 10:30 - 11:30 AM | CRISPR in Gene Editing Applications | Healing the World with CRISPR | Caroline Beckett Marketing Segment Manager, Millipore Sigma |
| 3-Oct | 12:00 - 01:00 PM | CRISPR in Gene Editing Applications | Gene Editing Success: Considerations for maximizing your CRISPR gene editing accuracy and efficiency | Ryan Donnelly Product Manager, Gene Editing Reagents - Horizon Discovery |
| 3-Oct | 01:30 - 02:30 PM | CRISPR in Gene Editing Applications | Application of Genome Editing for Improving Banana with Disease Resistance | Leena Tripathi, PhD Principal Scientist and Deputy Director, East Africa Hub Country Representative, International Institute of Tropical Agriculture (IITA) |
| 3-Oct | 01:30 - 02:30 PM | Ethics and Regulation of Gene Editing | Re-examining the ethical & regulatory dimensions of gene editing in the wake of the "CRISPR babies" scandal | Erika Kleiderman, B.Sc. , LL.B. Academic Associate / Lawyer, Centre of Genomics and Policy, McGill University |
| 3-Oct | 03:00 - 04:00 PM | CRISPR in Gene Editing Applications | 'Any Idiot can do it'. How easy a knockout or knockin mouse could be generated using CRISPR/Cas9 gene editing technology? | Gaetan Burgio, Msc, MBBS, MD, PhD Geneticist Group leader at The John Curtin School of Medical Research (JCSMR), Australian National University |