



RESEARCH PROGRAM ON  
Grain Legumes and  
Dryland Cereals

## Regional Expert Consultation on Gene Editing in Agriculture and its Regulation

Date: October 10-11, 2019

Venue: International Crop Research Institute for the Semi-Arid Tropics, Patancheru, Hyderabad, India

### Tentative Program

Day 1: Thursday; October 10, 2019

08:00-09:00	<b>Registration</b>	
09:00-09:10	Introduction	Rajeev Varshney, ICRISAT, India
09:10-09:20	Welcome Remarks	Peter Carberry, ICRISAT, India
09:20-09:28	Remarks by FSII	Ram Kaundinya, FSII, India
09:28-09:35	Remarks by APAARI	Rishi Tyagi, APAARI, Thailand
09:35-09:45	Address by Special Guest	Richa Sharma, Joint Secretary, MOEFCC, India
09:45-10:00	Address by Guest of Honour	T Mohapatra, ICAR, India and APAARI, Thailand
10:00-10:20	Address by Chief Guest	Renu Swarup, DBT, India
10:20-10:30	Closing Remarks	KK Sharma, ICRISAT, India
10:30-11:00	<b>Tea/Coffee Break and Group Photograph</b>	

#### Technical Session I: Status and Advances in Gene Editing

Co-Chairs : T Mohapatra, ICAR, India  
Peter Carberry, ICRISAT, India

Rapporteurs : TBD

11:00-11:30	Recent Advances in Gene Editing Technology	Ian Godwin, QAAFI, Australia
11:30-12:00	Global Regulatory Status of Gene editing products	Szabolcs Ruthner, ISF, Switzerland
12:00-12:30	Regulatory Policies for Gene Editing in India	Renu Swarup, DBT, India
12:30-13:00	<b>Discussion and Concluding Remarks by the Co-Chairs</b>	
13:00-13:45	<b>Lunch</b>	

<b>Technical Session II: Regulatory Status of Gene Editing in Asia-Pacific Region</b>		
Co-Chairs : Renu Swarup, DBT, India Ian Godwin, QAFFI, Australia		
Rapporteurs : TBD		
13:45-15:15	Regulatory Status of Gene Editing in Asia-Pacific Region (15 min each)	Takeshi Urao, JIRCAS, Japan Mohamad Roff, MARDI, Malaysia A Ramakrishna, NARI, PNG Chwan-yang Hong, NTU, Taiwan Piyarat Thammakijawat, DOA, Thailand Ta Hong Linh, VAAS, Vietnam
15:15-15:45	<b>Discussion and Concluding Remarks by the Co-Chairs</b>	
15:45-16:15	<i>Tea/Coffee Break</i>	

### **Technical Session III: Status of Gene Editing in CG centres and Perception of Gene Editing by Different Stakeholders**

Co-Chairs : Swapan Datta, Calcutta University, India  
TBD

Rapporteur : TBD

16:15- 16:40	Status of Gene Editing Technologies in CG centres	Pooja Bhatnagar, ICRISAT
16:40-17:40	Perception for Gene Editing by Different Stakeholders (10 min each speaker)	MK Reddy, ICGEB (Academia) K Veluthambi, GEAC (Regulation Advisory Body) Ramanathan Vairamani, FSII (Industry) TR Sharma, NABI (Research Manager) Vibha Ahuja, BCIL (Public Ltd. Company) NP Singh, IIPR (Research Manager)
17:40-18:15	<b>Discussion and Concluding Remarks by the Co-Chairs</b>	
19:00-21:00	<i>Social Dinner</i>	

**Day 2: Friday; October 11, 2019**

**Special Session I: Thematic Presentation on Gene Editing**

Co-Chairs : Ian Godwin, QAAFI, Australia  
 Ram Kaundinya, FSII, India  
 Rapporteur : TBD

09:00-09:20	Gene Editing: Research Prioritization, Capacity and Policy Development in Asia-Pacific	Carl Ramage, La Trobe University, Australia (via Skype)
09:20-10:40	Open Innovation in Gene Editing	Valasubramanian Ramaiah, Corteva Agriscience, India
10:40-11:00	Gene Editing for Good Times	Rajeev Varshney, ICRISAT, India
11:00-11:20	Plant Breeding Innovation: Industry Perspectives	Shivendra Bajaj, FSII, India
11:20-11:45	<b><i>Tea/Coffee Break</i></b>	

**Technical Session IV: Panel Discussion to Prioritise Research Areas, Capacity and Infrastructure Development, Regulatory Policy Development & Public Awareness, and Possible Partnerships to Achieve SDGs**

**Moderators:** KK Sharma, ICRISAT, India and Amitabh Mohanty, NIPGR, India  
**Rapporteurs:** TBD

11.45-13:05	Perception of Panellists (10 min each speaker)	
	Takeshi Urao, JIRCAS, Japan	
	Rakesh K Mishra, RCGM, India	
	Masami Takeuchi, FAO-RAP, Thailand	
	Sonny Tababa, CLA, Singapore	
	Subir Majumdar, NIAB (DBT), India	
	Chwan-Yang Hong, NTU, Taiwan	
	Kanokwan (May) Chodchoey, APSA, Thailand	
	Sanjeev Kalia, FSII, India	
13:05-13:30	<b>Discussion and Concluding Remarks by the Co-Chairs</b>	
13:30-14:30	<b><i>Lunch</i></b>	

### Plenary Session

Co-Chairs : T. Mohapatra, ICAR, India and APAARI, Thailand  
TBD

Rapporteurs : TBD

14:30-15:00	Presentation of Draft Recommendations of Technical Sessions/Panel Discussion	Rishi Tyagi, APAARI, Thailand
15:00-15:20	Closing Remarks by the Co-Chairs	Co-Chairs
15:20-15:30	Vote of Thanks	Pooja Bhatnagar, ICRISAT, India
15:30-15:45	<i>Tea/Coffee Break</i>	
15:45-17:30	<b>Visit to ICRISAT Facilities by Interested Participants</b>	

Departure