

OIST Mini Symposium

"Unraveling the mysteries of cellulose: From biosynthesis & biological diversity to biomaterials"

Program

2015, April

21 (Tue)

09:30-09:45	Opening	
09:45-10:45	Keisuke Nakashima	OIST, Japan
	"Using Animal Models to Study Cellulose Biosynthesis"	
10:45-11:00	Break 1	
11:00-12:00	Daniel Cosgrove	Penn. State Univ., USA
	"How Are Cellulose Microfibrils Connected in Growing Plant Cell Walls? The Nano-scale and Meso-scale Basis of Cell Wall Extensibility"	
12:00-13:30	Lunch	
13:30-14:30	Jochen Zimmer	Univ. Virginia, USA
	"Structural and Functional Analysis of Cellulose Biosynthesis"	
14:30-14:45	Break 2	
14:45-15:45	Vincent Bulone	KTH, Sweden
	"TBA"	
15:45-16:00	Break 3	
16:00-17:00	Ingo Burgert	ETH Zürich, Switzerland
	"Functionalization of the Wood Cell Wall for Advanced Biomaterials"	
17:00-18:30	Transportation	
18:30-21:00	Party (at the Orange, Kafuu Resort Fuchaku)	



22 (Wed)

09:30-10:30	Taku Demura	NAIST, Japan
	“Transcriptional Regulation of Cellulose Synthase Genes During Plant Development”	
10:30-10:45	Break 4	
10:45-11:45	Laigeng Li	CAS, China
	“Understanding of Cellulose Biosynthesis and Cell Wall Thickening in Plant Secondary Growth”	
11:45-13:15	Lunch	
13:15-14:15	Ute Römling	Karolinska Institute, Sweden
	“Cellulose Biosynthesis in Enterobacteria — Current Knowledge Status and How Can We Make Progress in This Field”	
14:15-14:30	Break 5	
14:30-14:45	Selected participants	
14:45-15:45	Tomoya Imai	Kyoto Univ., Japan
	“How to Produce Cellulose into “Microfibril”?”	
15:45-16:00	Break 6	
16:00-17:25	Round table	
17:25-17:30	Closing	

Location: OIST Main Campus, Seminar Room C210

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