Time Table

	Wednesday July 14	Thursday July 15	Friday July 16	Saturday July 17
8			**7:30 - 8:30** Business meeting of JSPS Core-to-Core Program	
9		**9:00 - 9:30** Opening Remarks / Introductory **9:30 - 14:30 Session 1** **Molecular mechanisms of TGF-β family signaling** Chair: Carl-Henrik Heldin 9:30 - 10:30 Carl-Henrik Heldin Mitsuyasu Kato	**9:00 - 12:00 Session 3** **TGF-β signaling and vascular, bone, and other diseases** Chair: Rik Derynck 9:00 - 10:30 Rik Derynck Hideyuki Beppu Ye-Guang Chen	**9:00 - 12:00 Session 4** **Implications in TGF-β-based therapies** Chair: Seong-Jin Kim 9:00 - 10:30 Seong-Jin Kim S. Paul Oh Makoto Mark Taketo
10		10:30 - 11:00 Poster Viewing / Coffee Break	10:30 - 11:00 Poster Viewing / Coffee Break	10:30 - 11:00 Poster Viewing / Coffee Break
11		11:00 - 12:30 Aristidis Moustakas Keiji Miyazawa Xin-Hua Feng	11:00 - 12:00 Akiko Hata Peter ten Dijke	11:00 - 12:00 Atsushi Hirao HQ Han
12		**12:30 - 14:00** Lunch	**12:00 - 13:30** Group Photo / Lunch	**12:00 - 12:15** Closing Remarks **12:30 -** Lunch / Departure
13			**13:30 -** **Excursion / Free time**	
14	**14:00 -** Check-in / Registration / Poster Hanging	14:00 - 14:30 Rosemary Akhurst **14:30 - 17:00 Session 2** **TGF-β signaling and cancer** Chair: Xiao-Fan Wang 14:30 - 15:30 Xiao-Fan Wang Kunxin Luo		
15		15:30 - 16:00 Poster Viewing / Coffee Break		
16		16:00 - 17:00 Takeshi Imamura Xiao-Jing Wang		
17		**17:00 - 18:00** **Poster Session A**	**17:00 - 18:00** **Poster Session B**	
18				
19	**19:00 - 21:00** Poster Viewing / Welcome Reception in Foyer (2nd floor)	**19:00 - 21:00** Banquet at Grandview (16th Floor)	**19:00 - 21:00** Dinner	
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Program

Wednesday, July 14

14:00 - 21:00	**Check-in / Registration / Poster Hanging**
19:00 - 21:00	**Poster Viewing / Welcome Reception in Foyer (2nd floor)**

Thursday, July 15

9:00 - 9:30	**Opening Remarks** Introductory Video Presentation of Fujihara Seminar **Greeting** Soji Ban (The Fujihara Foundation of Science) **Introductory Remarks** Kohei Miyazono (University of Tokyo)

Session 1. Molecular mechanisms of TGF-β family signaling

Chair: Carl-Henrik Heldin (Uppsala University)

9:30 - 10:00	Carl-Henrik Heldin (Uppsala University) Non-Smad signaling downstream of TGF-β receptors	14
10:00 - 10:30	Mitsuyasu Kato (University of Tsukuba) Smad traps for negative regulation of TGF-β signaling	16
10:30 - 11:00	**Poster Viewing / Coffee Break**	
11:00 - 11:30	Aristidis Moustakas (Uppsala University) Negative regulation of TGFβ and Smad signaling	18
11:30 - 12:00	Keiji Miyazawa (Yamanashi University) An Id-like molecule, Maid, is a cellular-response selective regulator of TGF-β signaling	20
12:00 - 12:30	Xin-Hua Feng (Baylor College of Medicine) Coupled Actions of PPM1A and RanBP3 Terminate SMAD Nuclear Functions	22
12:30 - 14:00	**Lunch**	
14:00 - 14:30	Rosemary Akhurst (UCSF) Genes that regulate the phenotypic outcome of altered TGF-β signaling in vivo: A mouse-to-human genetics approach	24

Session 2. TGF-β signaling and cancer

Chair: Xiao-Fan Wang (Duke University)

14:30 - 15:00	Xiao-Fan Wang (Duke University) TGF-β promotes hepatocellular carcinoma intrahepatic metastasis by enhancing Treg cell recruitment via miR-34a-CCL22 pathway	26
15:00 - 15:30	Kunxin Luo (UC Berkeley) Expression and function of SnoN in normal mammary gland development	28
15:30 - 16:00	**Poster Viewing / Coffee Break**	
16:00 - 16:30	Takeshi Imamura (Cancer Institute of JFCR) Nuclear Receptors Inhibit TGF-β Signaling Pathway via Smad Degradation: Implication for Cancer Progression	30
16:30 - 17:00	Xiao-Jing Wang (University of Colorado Denver) Distinct roles of Smads in squamous cell carcinomas	32
17:00 - 18:00	**Poster Session A**	
19:00 - 21:00	**Banquet at Grandview (16th Floor)**	

Friday, July 16

7:30 - 8:30	**Business meeting of JSPS Core-to-Core Program**

Session 3. TGF-β signaling and vascular, bone, and other diseases

Chair: Rik Derynck (UCSF)

9:00 - 9:30	Rik Derynck (UCSF) . . . . . .34 Role of mTOR signaling in TGF-β-induced EMT
9:30 - 10:00	Hideyuki Beppu (University of Toyama) . . . . . .36 BMPR2-deficiency causes abnormal cell proliferation in cardiovascular and intestinal tracts
10:00 - 10:30	Ye-Guang Chen (Tsinghua University) . . . . . .38 Genome-wide Analysis of Smad Targets Reveals the Role of BMP Signaling in Embryonic Stem Cell Fate Determination
10:30 - 11:00	**Poster Viewing / Coffee Break**
11:00 - 11:30	Akiko Hata (Tufts Medical Center) . . . . . .40 Regulation of Vascular Smooth Muscle Cell Phenotype by TGF-β
11:30 - 12:00	Peter ten Dijke (Leiden University) . . . . . .42 TGF-β signaling in tumor cell invasion and angiogenesis
12:00 - 13:30	**Group Photo / Lunch**
13:30 -	**Excursion / Free time**
17:00 - 18:00	**Poster Session B**
19:00 - 21:00	**Dinner**

Saturday, July 17

Session 4. Implications in TGF-β-based therapies

Chair: Seong-Jin Kim (Gachon University of Medicine and Science)

9:00 - 9:30	Seong-Jin Kim (Gachon University of Medicine and Science) . . . . . .44 Association of TRAF6 and the type III TGF-β receptor bridges IL-1β-mediated repression of TGF-β signaling
9:30 - 10:00	S. Paul Oh (University of Florida) . . . . . .46 Roles of TGF-β receptors in vascular development and diseases
10:00 - 10:30	Makoto Mark Taketo (Kyoto University) . . . . . .48 Inactivation of TGF-β signaling and colon cancer liver metastasis: Role of $CCR1^+$ immature myeloid cells
10:30 - 11:00	**Poster Viewing / Coffee Break**
11:00 - 11:30	Atsushi Hirao (Kanazawa University) . . . . . .50 Roles of TGF-β/FoxO in the maintenance of leukemia stem cells
11:30 - 12:00	HQ Han (Amgen) . . . . . .52 Pharmacological Blockade of Myostatin and Activin Leads to Reversal of Cancer Cachexia and Prolongation of Lifespan in Tumor-Bearing Animals
12:00 - 12:15	**Closing Remarks** Susumu Nishimura (The Fujihara Foundation of Science) Kohei Miyazono (University of Tokyo)
12:30 -	**Lunch / Departure**

Poster Session A (Thursday, July 15)

Poster Session B (Friday, July 16)