

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	9:00 - 12:00 Session 3 TGF-β signaling and vascular, bone, and other diseases Chair: Rik Derynck	9:00 - 12:00 Session 4 Implications in TGF-β-based therapies Chair: Seong-Jin Kim
10		9:30 - 14:30 Session 1 Molecular mechanisms of TGF-β family signaling Chair: Carl-Henrik Heldin	9:00 - 10:30 Rik Derynck Hideyuki Beppu Ye-Guang Chen	9:00 - 10:30 Seong-Jin Kim S. Paul Oh Makoto Mark Taketo
11		9:30 - 10:30 Carl-Henrik Heldin Mitsuyasu Kato	10:30 - Poster Viewing / 11:00 Coffee Break	10:30 - Poster Viewing / 11:00 Coffee Break
12		10:30 - Poster Viewing / 11:00 Coffee Break	11:00 - 12:00 Akiko Hata Peter ten Dijke	11:00 - 12:00 Atsushi Hirao HQ Han
13		11:00 - 12:30 Aristidis Moustakas Keiji Miyazawa Xin-Hua Feng	12:00 - 13:30 Group Photo / Lunch	12:00 - 12:15 Closing Remarks
14	14:00 - Check-in / Registration / Poster Hanging	12:30 - 14:00 Lunch	13:30 - Excursion / Free time	12:30 - Lunch / Departure
15		14:00 - 14:30 Rosemary Akhurst		
16		14:30 - 17:00 Session 2 TGF-β signaling and cancer Chair: Xiao-Fan Wang		
17		14:30 - 15:30 Xiao-Fan Wang Kunxin Luo		
18		15:30 - Poster Viewing / 16:00 Coffee Break		
19		16:00 - 17:00 Takeshi Imamura Xiao-Jing Wang		
20		17:00 - 18:00 Poster Session A	17:00 - 18:00 Poster Session B	
	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	

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)
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Session 1. Molecular mechanisms of TGF- β family signaling

Chair: Carl-Henrik Heldin (Uppsala University)

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

Session 2. TGF- β signaling and cancer

Chair: Xiao-Fan Wang (Duke University)

14:30 - 15:00	Xiao-Fan Wang (Duke University)26 TGF- β promotes hepatocellular carcinoma intrahepatic metastasis by enhancing Treg cell recruitment via miR-34a-CCL22 pathway
15:00 - 15:30	Kunxin Luo (UC Berkeley)28 Expression and function of SnoN in normal mammary gland development
15:30 - 16:00	Poster Viewing / Coffee Break
16:00 - 16:30	Takeshi Imamura (Cancer Institute of JFCR)30 Nuclear Receptors Inhibit TGF- β Signaling Pathway via Smad Degradation: Implication for Cancer Progression
16:30 - 17:00	Xiao-Jing Wang (University of Colorado Denver)32 Distinct roles of Smads in squamous cell carcinomas
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-1 β -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)

A01	Eunjin Bae (Gachon University of Medicine and Science).....	58
	Traf6 is a key mediator of TGF- β induced metastasis	
A02	Kana Horiguchi (University of Tokyo).....	58
	Molecular mechanism of Snail induction by TGF- β	
A03	Yukari Hoshino (University of Tokyo).....	59
	Autocrine TGF- β protects breast cancer cells from apoptosis through reduction of BH3-only protein, Bim	
A04	Ja-shil Hyun (Gachon University of Medicine and Science)	59
	Smad7 enhances the proteasomal degradation of c-Myc protein by binding FBW7	
A05	Kimihito C. Kawabata (University of Tokyo).....	60
	TGF- β downregulates CD20 and inhibits growth of B lymphoma cells.	
A06	Young-Woong Kim (Gachon University of Medicine and Science).....	60
	N-linked glycosylation is essential for the stability and cell surface localization of type II TGF- β receptor	
A07	Hyun-Joo Lee (Gachon University of Medicine and Science).....	61
	Divergent Roles of Smad2 and Smad3 in the Regulation of Arthritogenic T Helper 17 Cells	
A08	Hajime Mihira (University of Tokyo).....	61
	TGF- β 2 induces endothelial-mesenchymal transition of MS-1 endothelial cells	
A09	Koji Miyabayashi (University of Tokyo)	62
	Preclinical Molecular Targeting Therapy of Pancreatic Cancer using a Genetically Engineered Mouse Model	
A10	Naoko Nakano (University of Tsukuba)	62
	TCF7L2 coordinates with Smads to regulate TGF- β -mediated transcription of TMEPAI gene	
A11	Yo-taro Shirai (University of Tokyo)	63
	BMP plays a tumor suppressive role in diffuse-type gastric carcinoma development	
A12	Kyung-Min Yang (Gachon University of Medicine and Science).....	63
	DRAK2 binds to the TGF- β receptors to suppress TGF- β signaling pathway.	
A13	Jeong-Hwan Yoon (Gachon University of Medicine and Science)	64
	TGF- β signaling through Smad3 and Smad4 targets Eomesodermin to suppress CD8 ⁺ cytotoxic T cells in DNFB-induced contact hypersensitivity	
A14	Kwiyeom Yoon (Gachon University of Medicine and Science).....	64
	Expression analysis of TGF- β signaling-related genes and identification of novel SNPs by total RNA sequencing in human gastric cancer cell lines	

Poster Session B (Friday, July 16)

B01	Shogo Ehata (University of Tokyo)	66
	TGF- β diminishes the SP fraction of the diffuse-type gastric carcinoma cells	
B02	Hideaki Ijichi (University of Tokyo)	66
	Blockade of CXC Chemokines/CXCR2 Axis Inhibits Pancreatic Ductal Adenocarcinoma Progression through Anti-angiogenesis	
B03	Yasumichi Inoue (The Japanese Foundation for Cancer Research)	67
	Smurf2 induces ubiquitin-dependent degradation of Smurf1 to prevent breast cancer metastasis to bone	
B04	Fumiko Itoh (University of Tsukuba)	67
	Vascular endothelial cell-specific Smad2 and Smad3 signaling is required for blood vessel integrity	
B05	Kaoru Kahata (Uppsala University).....	68
	An HMGA2-regulated gene signature provides a novel molecular mechanism underlying regulation of stemness in breast cancer	
B06	Yuto Kamiya (University of Tokyo)	68
	Smad7 inhibits transforming growth factor- β family type I receptors through two distinct modes of interaction	
B07	Mitsunobu R. Kano (University of Tokyo)	69
	Treating "intractable" tumours by nanoDDS and TGF- β inhibitor	
B08	Yoko Katsuno (University of Tokyo)	69
	Cancer-initiating cell population in diffuse-type gastric carcinoma cells has high ALDH1 activity	
B09	Daizo Koinuma (University of Tokyo).....	70
	Characterization of Smad2 and Smad3 binding sites by genome-wide ChIP-chip/ChIP-sequencing analysis	
B10	Masako Oka (University of Colorado Denver).....	70
	HGF Upregulation Contributes to Angiogenesis in Mice with Keratinocyte-Specific Smad2 Deletion	
B11	Seok Hee Park (Sungkyunkawn University)	71
	TGF- β 1-induced MyD88 degradation is driven by Smad6-Smurf pathway, but not Smad7	
B12	Hiroshi I. Suzuki (University of Tokyo).....	71
	Regulation of autophagy by transforming growth factor- β (TGF- β) signaling	
B13	Eleftheria Vasilaki (Uppsala University).....	72
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