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Joint Symposium

Frontiers in Life Science Technologies - Decoding Health and Disease

“Molecular imaging & disease, RNA & disease, and Single/Stem cells and disease”

Date: September 29, 2016 at 9:30 - 17:15

Venue: Conference room Air/Fire at Science for Life Laboratory

The abstract and the program can be download at:

www.goo.gl/6AxSuX



Programs

General chair: Kazuhiko Tanzawa

9:30 - 9:35	Olli-Pekka Kallioniemi	Opening remarks
9:35 - 11:55	Session 1	Imaging & Disease (Chairs: Christer Halldin, Yasuyoshi Watanabe)
9:35 - 9:55	Chikako Suzuki	Diagnostic Radiology in Oncological Clinical Trial- Experiences from a Radiology Clinical Trial Unit at Karolinska University Hospital
9:55 - 10:15	Satoshi Nozaki	[18F]AA-7: A novel PET tracer targeting amino acid transporter with discrimination of inflammation
10:15 - 10:35	Johan Lundberg	Molecular imaging of the serotonin 1B receptor in relation to major depressive disorder
10:35 - 10:55	Break	
10:55 - 11:15	Kayo Takahashi	Sex difference and indifference in brain aromatase expression by clinical PET study
11:15 - 11:35	Lars Farde	PET-imaging of neuroinflammatory markers in CNS-disorders
11:35 - 11:55	Yasuyoshi Watanabe	Pharmacokinetics study in human with PET molecular imaging
11:55 - 12:00	Tadaharu Tsumoto	Director of the JSPS Stockholm office, Greeting & introduction of JSPS activity
12:00 - 13:00	Lunch Break	
13:00 - 14:40	Session 2	RNA & Disease (Chairs: Juha Kere, Harukazu Suzuki)
13:00 - 13:20	Kosuke Hashimoto	Activation of LTR derived non-coding RNAs in human hepatocellular carcinoma
13:20 - 13:40	Joakim Lundberg	Next generation pathology using RNA seq in situ
13:40 - 14:00	Piero Carninci	SINEUPS: a unique class of antisense RNA enhancing protein translation
14:00 - 14:20	Carsten Daub	Gene regulation of insulin response and its dysregulation in obesity
14:20 - 14:40	Jay W Shin	From Discovery to Functional Understanding of Long Non-Coding RNA
14:40 - 15:10	Break	
15:10 - 17:10	Session 3	Single, Rare and Stem cells & Disease (Chairs: Carsten Daub, Yas Furuta)
15:10 - 15:30	Sten Linnarsson	Molecular Dynamics of Midbrain Development in Mouse, Human and Stem Cells
15:30 - 15:50	Gonçalo Castelo-Branco	Transcriptional states of oligodendrocyte lineage cells during development and in disease
15:50 - 16:10	Yasuhisa Tamura	NG2 progenitor cells and inflammation
16:10 - 16:30	Roman Romanov	Decoding neuronal heterogeneity in the hypothalamus by single-cell RNA sequencing and Patch-SEQ
16:30 - 16:50	Erik Arner	High-resolution characterization of drug-induced cellular response
16:50 - 17:10	Juha Kere	Transcriptional control of human Early Genome Activation
17:10 - 17:15	Yasuyoshi Watanabe	Closing Remarks
17:15 -		Social Gathering

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