

Program

Monday, June 17 (Day 1)

10:00 Registration

10:50 Opening Remarks by Fumio Matsuzaki

Session 1 [Structure and Dynamics]

Chair: Hiroshi Hamada

11:00 – 11:30

S1-1

De novo Assembly of Centriolar Proteins in the Presence of Pre-existing Centrioles
Daiju Kitagawa (National Institute of Genetics, Japan)

11:30 – 11:50

S1-2

Novel Features in Formation and Function of the "9+2" Axoneme Revealed by a Basal Body-deficient Mutant of *Chlamydomonas* *
Masafumi Hirono (The University of Tokyo, Japan)

11:50 – 12:10

S1-3

GTAP-3, a New γ -Tubulin-Associated Protein is Required for the Efficient Recruitment of γ -Tubulin to Centrosomes in *C. elegans* Interphase Cells*
Nami Haruta (Tohoku University, Japan)

12:10 – 12:50

S1-4

Passage of Cilia Axonemal and Membrane Proteins from the Cytoplasm, through the Transition Zone, into the Cilium, and the Secretion of Some of them via Exosomal Vesicles
Joel Rosenbaum (Yale University, USA)

* Selected talk

Program

12:50 – 13:20	Lunch
13:20 – 14:10	Poster Session I Presenters of Odd-numbered posters should be by their panels for discussion.

Session 2 [Formation and Cycling of Centrosomes and Cilia]
Chair: Asako Sugimoto

14:10 – 14:50	S2-1 Centriole Biogenesis: The Power of Proteomics and Super-Resolution Microscopy Erich A. Nigg (University of Basel, Switzerland)
14:50 – 15:20	S2-2 Emerging Role of the Ubiquitin-proteasome System in Primary Cilia Assembly Masaki Inagaki (Aichi Cancer Center Research Institute, Japan)
15:20 – 15:50	S2-3 Pregnenolone Associates with Mitotic Spindles and Functions in Centriole Cohesion Fumiko Toyoshima (Kyoto University, Japan)

15:50 – 16:20	Coffee Break
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Program

Session 3 [Cytoskeletal Interactions]

Chair: Kensaku Mizuno

16:20 – 16:50

S3-1

Morphological Changes in Ciliated Brain Cells during Postnatal Development and Aging

Kazunobu Sawamoto (Nagoya City University, Japan)

↓ Speaker changed

S3-1

Development and roles of ciliated cells during mammalian neurogenesis

Nathalie Spassky (INSERM U1024, CNRS UMR 8197, France)

16:50 – 17:20

S3-2

Coordination of Two-appendage Systems of the Basal Body/Centriole by Odf2/Cenexin

Sachiko Tsukita (Osaka University, Japan)

17:20 – 18:00

S3-3

The Dynein Light Chain Tctex Interacts with the Desmosomal Cadherin Desmoglein 1 to Regulate Epidermal Morphogenesis

Kathleen J. Green (Northwestern University, USA)

18:00 – 20:00

Reception and Free Discussion

Program

Tuesday, June 18 (Day 2)

Session 4 [Signaling]

Chair: Fumio Matsuzaki

9:00 – 9:30

S4-1

Generating and Sensing Fluid Flow by Cilia
Hiroshi Hamada (Osaka University, Japan)

9:30 – 9:50

S4-2

Ciliary Kinase ICK is Required for Ciliogenesis in
Neural Progenitor Cells and Hedgehog Signaling
Yoshihiro Omori (Osaka University, Japan)

Session 5 [Motility]

Chair: Koji Ikegami

9:50 – 10:30

S5-1

Regulation of Axonemal Dynein Activity by a
Conserved Tubulin Polyglutamylation System
Ritsu Kamiya (Gakushuin University, Japan)

10:30 – 10:50

Coffee Break

Session 5 (Continued)

Chair: Koji Ikegami

10:50 – 11:10

S5-2

Motions in Ciliary Axonemes that Cause Functions
Tomoko Masaie (Tokyo University of Science, Japan)

Program

11:10 – 11:30

S5-3

Redox Regulation of Cell Motility in the Green Alga
Chlamydomonas reinhardtii

Ken-ichi Wakabayashi (Tokyo Institute of Technology,
Japan)

11:30 – 12:00

S5-4

Regulatory Mechanism of Cytoplasmic Dynein

Shinji Hirotsune (Osaka City University, Japan)

12:00 – 12:30

Lunch

12:30 – 13:20

Poster Session II

Presenters of Even-numbered posters
should be by their panels for discussion.

Session 6 [Disease and Evolution]

Chair: Sachiko Tsukita

13:20 – 14:00

S6-1

The Polycystins: Novel Signaling and Trafficking
Pathways

Michael J. Caplan (Yale University, USA)

14:00 – 14:40

S6-2

Aspects of Ciliary Evolution

Peter Satir (Albert Einstein College of Medicine, USA)

14:40 – 14:50

Closing Remarks by Hiroshi Hamada