

The Second International Meeting for Epithelial Tubulology

22nd and 23rd August, 2015

Furate Hall

Hokkaido University Graduate School of Medicine

This symposium is open to public.

The 22nd, August

9 : 00 — 9 : 10 *Opening Remarks: A. Kikuchi*

SESSION 1 *Chair: Y. Mimani*

9 : 10 — 9 : 40 **Hiroki Otani**

Cell polarity-associated mechanisms in normal and abnormal organogenesis and histogenesis of epithelial tubular structures

9 : 40 — 10 : 20 **Kim B. Jensen**

Intestinal epithelial stem cells – from development to disease

10 : 20 — 10 : 35 **Tohru Itoh**

Cellular basis for the intrahepatic biliary epithelial tissue remodeling in regenerating mouse livers

10 : 35 — 10 : 50 *coffee break*

SESSION 2 *Chair: K. Ohashi*

10 : 50 — 11 : 20 **Atsushi Suzuki**

Generation of functional hepatocyte-like cells by direct reprogramming technology

11 : 20 — 11 : 35 **Hiroshi Sasaki**

Regulatory mechanisms of cellular dynamics in epithelial tissues

11 : 35 — 11 : 50 **Tetsuya Nakamura**

Epithelial regeneration by transplantation of intestinal epithelial stem cells

11 : 50 — 12 : 05 **Mototsugu Eiraku**

Title to be announced

12 : 05 — 13 : 15 *lunch*

SESSION 3 *Chair: H. Sabe*

13 : 15 — 13 : 55 **Alpha S. Yap**

Building and regulating active tension at cell-cell junctions.

13 : 55 — 14 : 10 **Noriyuki Kioka**

Interaction of the vinculin with vinexin α in ECM-stiffness directed cell differentiation and migration

14 : 10 — 14 : 25 **Ryuichi Nishinakamura**

Nonmuscle myosin II regulates the morphogenesis of metanephric mesenchyme-derived immature nephrons

14 : 25 — 14 : 40 **Junichi Ikenouchi**

Qualitative changes of plasma membrane during epithelium-mesenchyme transition

14 : 40 — 14 : 55 **Yamato Kikkawa**

The reduced laminin receptor bindings promote tumor cell migration on laminin-511

14 : 55 — 15 : 10 *coffee break*

SESSION 4 *Chair: H. Ohtani*

15 : 10 — 15 : 50 **Matthew P. Hoffman**

Salivary Gland Organogenesis Provides a Template for Regeneration.

15 : 50 — 16 : 20 **Akira Kikuchi**

Fine-tuning regulation of salivary gland morphogenesis and differentiation by Wnt signaling

16 : 20 — 16 : 35 **Shunsuke Kon**

Role of cell competition in multi-sequential carcinogenesis

16 : 35 — 16 : 50 **Tetsuo Kobayashi**

HDAC2 mediates loss of primary cilia in pancreatic ductal adenocarcinoma cells

16 : 50 — 17 : 05 **Yasushi Hirota**

The presence of ovarian hormone-independent endometrial epithelial growth in endometrial remodeling and regeneration.

17 : 05 — 17 : 35 **Shigeo Ohno**

Title to be announced

17 : 50 Bus will leave Furate Hall for the reception party

18 : 30 — *Reception Party at Sapporo Beer Hall at the Sapporo Factory*

The 23rd, June

SESSION 5 *Chair: A. Kikuchi*

9 : 00 — 9 : 40 **Takefumi Kondo**

Morphogenetic forces and architectural preference in epithelia

9 : 40 — 10 : 10 **Kazumasa Ohashi**

The role of Solo, a Rho-GEF involved in mechanotransduction, in the dynamical ordering of epithelial cell populations

10 : 10 — 10 : 25 **Shizue Ohsawa**

Identification of the ligand-receptor system that regulates epithelial tumor suppression in Drosophila

10 : 25 — 10 : 40 *coffee break*

SESSION 6 *Chair: S. Ohno*

10 : 40 — 11 : 20 **Senthil K Muthuswamy**

Cell polarity and epithelial morphogenesis

11 : 20 — 11 : 35 **Tohru Tezuka**

Role of Dok adaptors in intestinal homeostasis

11 : 35 — 12 : 35 **Poster Presentation** (odd numbers)

12 : 35 — 13 : 00 *lunch*

13 : 00 — 14 : 00 **Poster Presentation** (even numbers)

SESSION 7 *Chair: T. Tezuka*

14 : 00 — 14 : 40 **Gregory J. Pazour**

IFT25 and IFT27 are required for maintenance of the ciliary signaling compartment

14 : 40 — 15 : 10 **Yasuhiro Minami**

Roles of Wnt/PCP signaling in epithelial tubular tissue-genesis and in cancer progression

15 : 10 — 15 : 25 **Sawako Yamashiro**

Coupling between focal adhesions and actin retrograde flow visualized by new easy-to-use single-molecule speckle (eSiMS) microscopy.

15 : 25 — 15 : 40 *coffee break*

SESSION 8 Chair: A. Suzuki

15 : 40 — 16 : 20 **Jichao Chen**

Forming and transforming tubes in the mouse lung

16 : 20 — 16 : 35 **Hisako Takigawa-Imamura**

Observation of FGF response in lung epithelium and modeling for branching morphogenesis

16 : 35 — 17 : 05 **Yasuhito Onodera** and **Hisataka Sabe**

Crosstalk between vesicle trafficking and glucose metabolism modulates phenotypes of mammary epithelial cells

17 : 05 — 17 : 15 *Closing Remarks: H. Sabe*

All talks should spare 5 min or more for discussion.

Lunch boxes will be served upon reservation.

Kunihiro Matsumoto

PLK1-dependent activation of LRRK1 regulates spindle orientation by phosphorylating CDK5RAP2