



TOHOKU
UNIVERSITY

Tohoku Forum for Creativity Thematic Program 2019 Plant Stem Cells: Source of Plant Vitality

Workshop1

Stem cells and plant reproduction

May 15 Wed. 2019

Opening Remarks [10:00 – 10:05]

[10:00 – 10:05] Junko Kyojuka [Tohoku University]

Session I [10:05 – 11:20]

[10:05 – 10:30] David Jackson [CSHL]

Meristem maintenance: new insights from maize

[10:30 – 10:55] Hiro-Yuki Hirano [University of Tokyo]

Meristem maintenance and inflorescence development in rice

[10:55 – 11:05] Yiling Miao [Tohoku University]

**Control of the meristem indeterminacy
by OsAPO1 and OsAPO2 in rice**

[11:05 – 11:20] Coffee break

Session II [11:20-12:40]

[11:20 – 11:40] Namiko Satoh-Nagasawa [Akita Prefectural University] **Messages from bipolar leaves**

[11:40 – 12:00] Taiyo Toriba [Tohoku University] **Control of blade to sheath ratio of leaves for vigorous growth**

[12:00 – 12:20] Akira Kanno [Tohoku University] **Molecular mechanism of pseudopelia in Habeneria orchid**

[12:20 – 12:40] Katsutoshi Tsuda [NIG] **Control of nuclear import/export of a KNOX TF in rice**

[12:40 – 13:40] Lunch

Session III [13:40 – 15:05]

[13:40 – 14:05] Yunde Zhao [UCSD] **Auxin genes in rice and their applications in rice breeding**

[14:05 – 14:25] Wakana Tanaka [University of Tokyo]

Genetic regulation of stem cell maintenance during axillary bud formation in rice

[14:25 – 14:45] Yukihiro Ito [Tohoku University]

Epidermis development mediated by very-long-chain fatty acids and receptor-like protein kinase in rice

[14:45 – 15:05] Yutaka Sato [NIG] **Apical-basal patterning in rice embryo**

[15:05 – 15:10] Closing Remarks

Contact

email: kei.saito.c7*tohoku.ac.jp
(change*to @)



Scientific Research on Innovative Areas,
a MEXT Grant-in-Aid Project for FY2017-2021

**Principles of pluripotent stem cells
underlying plant vitality**



TOHOKU FORUM
for CREATIVITY

www.tfc.tohoku.ac.jp

Premium Sponsor

TEL TOKYO ELECTRON