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**IPSR International web-Forum 2020 “Genetic resources and plant science”**

**Date:** Thursday, October 8, 2020

**Time:** JST 13:00 -17:00

**Session 1:**

**13:00-13:10 Introduction “IPSR and barley” Shin TAKETA** (IPSR, Okayama University, Japan)

**13:10-14:20 Lecture 1 (presentation 60 min & discussion 10 min)**

“The challenges of using diverse genetic resources for crop improvement”

**Peter LANGRIDGE** (Emeritus Professor at the University of Adelaide,  
and the Julius-Kuehn-Institute, Berlin)

**Session 2:**

**Young participants’ presentations (15 min talk and 5 min discussion)**

**14:20-14:40**

(1) *LARGE GRAIN* encodes a putative RNA-binding protein that regulates spikelet hull length in rice. **Wan-Yi CHIOU** (National Chung Hsing University, Taiwan, R.O.C.)

**14:40-15:00**

(2) An intrinsically disorder protein serves as integrator of abiotic and biotic stress responses in rice.  
**Meng-Chun LIN** (Institute of Plant and Microbial Biology, Academia Sinica, Taiwan, R.O.C.)

**15:00-15:20**

(3) Plant 22nt siRNA mediated translational repression.

**Bosheng LI** (Southern University of Science and Technology, China, P.R.C.)

-----break (10 min)-----

**Session 2 (continued)**

**15:30-15:50**

(4) Chemical biology is a toolkit for plant science and agriculture.

**Kai JIANG** (Southern University of Science and Technology, China, P.R.C.)

**15:50-16:10**

(5) Evolutionary changes in defensive specialized metabolism in the genus *Hordeum*.

**Naoki UBE** (Arid Land Research Center, Tottori University, Japan)

**16:10-16:30**

(6) The influence of prenyltransferases on the development of *Marchantia polymorpha*.

**Lia VALEEVA** (Kazan (Volga region) Federal University, Russian Federation)

**16:30-16:50**

(7) Establishment of Chinese yam (*Dioscorea polystachya*) as a crop plant in Europe.

**Janina EPPING** (Institute of Plant Biology and Biotechnology, University of Münster,  
Germany)

**16:50-17:00 Concluding remarks**

**Organizers** Shin TAKETA & Maki KATSUHARA

