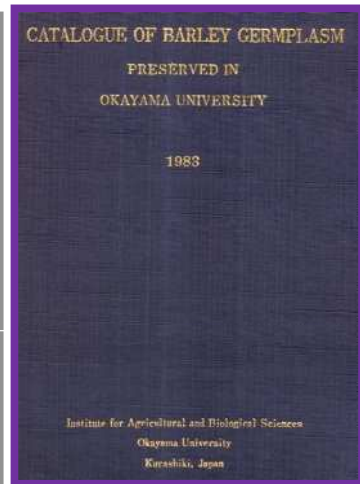


IPSR International web-Forum 2020 “Genetic resources and plant science”

The Institute of Plant Science and Resources (IPSR; <http://www.rib.okayama-u.ac.jp/>) is a Joint Usage/Research Center in plant stress research and bioresources, located in Kurashiki (200 km west of Osaka), Japan. The institute is well known for barley researches using diverse genetic resources accompanied with reliable biological documentation.

Due to the wide spread of COVID-19, the institute will offer an International web-Forum on Genetic Resources, as a substitute for international events annually held at the Institute. The program is in the next page. The four-hour Forum includes a keynote lecture by Dr. Peter Langridge, a world leader of wheat and barley genomics. Seven young researchers will talk online about their achievements. We hope active discussions between the oral presenters and online audience.

We invite online participants to the Forum. The first 100 applicants can join the web-Forum as audience through Webex. Registration needs to be completed **before September 25, 2020**, through <https://forms.gle/EY2GAKuseZngzCR48>. Selected audience will be notified about the link.



For more information, please contact: kyodo1247@adm.okayama-u.ac.jp

Institute of Plant Science and Resources, Okayama University 2-20-1 Kurashiki, Okayama 710-0046, Japan

<Program>

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

