



2018

“2018 ” 2018 10 18 -22

<http://www.ncpb.net/2018/>

2018 10 18 ~22 18

10	18		10:00-22:00	
10	19	08:30-12:00		13:30-17:30
		19:00-21:00		
		19:00-20:00		ASPB
10	20	08:00-12:00	13:30-17:30	
		19:00-21:00		
10	21	08:00-12:00	13:30-17:30	

2

3

4

5

6

7

A single transcription factor promotes both yield and immunity in rice

8

Genetic basis of the simultaneous improvement of grain yield and quality in rice

9

Exploring the metabolic diversity in major crops– from functional genomics to functional metabolomics

10

11

Unlocking genetic basis of complex traits and heterosis in rice

90cm 120cm

15

2018

2018 10 18-22

2018 10 18

10:00 - 22:00

18:00 - 20:00

20:00 2018

2018 10 19

08:30 - 09:00

09:00 - 10:00

09:00 - 09:30

09:30 - 10:00

10:00 - 10:15

10:15 - 11:45

10:15 - 10:45

10:45 - 11:15

11:15 - 11:45

12:00



A

B

2018 10 19

A

13:30 - 15: 

2018 10 19

B

13:30 - 15:10

13:30 - 13:50

Tetep *NLR*

13:50 - 14:10

) Genomic basis of tea-processing suitability and tea flavors resolved by *Camellia* comparative genomics

14:10 - 14:30

Genomic divergence of *Populus euphratica* species complex

14:30 - 14:50

14:50 - 15:10

15:10 - 15:30

15:30 - 17:30

15:30 - 15:50

15:50 - 16:10

Genomic clues for crop-weed interactions and crop breeding

16:10 - 16:30

Genetic and molecular mechanisms of maize flowering time adaptation

16:30 - 16:50

16:50 - 17:10

17:10 - 17:30

Mo17

18:00

2018 10 19

19:00 - 22:00

1

19:00 - 20:00

ASPB

B

19:00 - 21:00

A

19:00 - 19:15

Molecular

dissection of plant-microbe-environment triangular interactions

19:15 - 19:30

19:30 - 19:45

The formation of autophagosomes at ER-PM contact sites in concert with the actin cytoskeleton and the endocytic machinery

19:45 - 20:00

Glycan acetylation

patterning control is required for plant growth and stress resistance

20:00 - 20:15

Growth and defense trade-off: balanced at translational level

20:15 - 20:30

20:30 - 20:45

A novel cross-talk between endomembrane trafficking and plant ABA signaling

20:45 - 21:00

2018 10 20

A

08:00 - 09:40

08:00 - 08:20

498

08:20 - 08:40

08:40 - 09:00

09:00 - 09:20

The selfish genes in hybrid sterility: battle

of the two genomes

09:20 - 09:40

09:40 - 10:00

10:00 - 11:40

10:00 - 10:20

10:20 - 10:40

10:40 - 11:00

11:00 - 11:20

11:20 - 11:40

2018 10 20

B

08:00 - 09:40

08:00 - 08:20

ABA ROS

08:20 - 08:40

08:40 - 09:00

/

09:00 - 09:20

09:20 - 09:40

Nitric oxide-

regulated stress responses in *Arabidopsis*

09:40 - 10:00

10:00 - 11:40

10:00 - 10:20

ADS1 mediates brassinosteroids-induced auxin biosynthesis in *Arabidopsis thaliana*

10:20 - 10:40

Mediator links the jasmonate receptor to transcriptionally active chromatin

10:40 - 11:00

11:00 - 11:20

H₂O₂

11:20 - 11:40

12:00

2018 10 20

A

13:30 - 15:10

13:30 - 13:50 The Ca²⁺ sensor SCaBP3 fine tunes
Arabidopsis saline-alkali tolerance by modulating plasma membrane
H⁺-ATPase activity

13:50 - 14:10

14:10 - 14:30

AUX/IAA33

14:30 - 14:50

14:50 - 15:10

15:10 - 15:30

15:30 - 17:30

15:30 - 15:50 TOR kinase coordinates nutrients with
hormone signaling to orchestrate plant growth and stress responses

15:50 - 16:10

BIG regulates stomatal immunity and jasmonate
production in *Arabidopsis*

16:10 - 16:30

16:30 - 16:50

NHX5 NHX6 PIN5

16:50 - 17:10

17:10 - 17:30

2018 10 20

B

13:30 - 15:10

13:30 - 13:50

13:50 - 14:10

A kinesin motor's long journey
in plant environmental fitness

14:10 - 14:30

14:30 - 14:50

Regulatory network behind endodermal
differentiation in plants

14:50 - 15:10

BAK1

PTI

ETI

15:10 - 15:30

15:30 - 17:30

15:30 - 15:50

15:50 - 16:10

CRISPR/Cas9

16:10 - 16:30

Hi-TOM: a platform for
high-throughput tracking of mutations induced by CRISPR/Cas
systems

16:30 - 16:50

RNA

CRISPR

16:50 - 17:10

17:10 - 17:30

18:00

2018 10 20

19:00 - 22:00

1

19:00 - 21:00

A

19:00 - 19:15

SiDDr1

19:15 - 19:30

19:30 - 19:45

19:45 - 20:00

The intronic silencing element SE1 epigenetically suppresses the *Eui1* expression via repressor complexes in rice

20:00 - 20:15

LncRNA PRC2

H3K27me3

20:15 - 20:30

AtCaM4 interacts with a Sec14-like protein, PATL1, to regulate freezing tolerance of *Arabidopsis*

20:30 - 20:45

O-GlcNAc

20:45 - 21:00

Role of heterotrimeric G proteins in plant immunity

2018 10 21

A

08:00 - 09:40

08:00 - 08:20

08:20 - 08:40

NRT1.1s, beyond

the transporters

08:40 - 09:00

09:00 - 09:20

09:20 - 09:40

09:40 - 10:00

10:00 - 11:40

10:00 - 10:20

10:20 - 10:40

10:40 - 11:00

TZP is a novel key component of

phytochrome A signaling

11:00 - 11:20

11:20 - 11:40

PSI-LHCI-LHCII

2018 10 21

B

08:00 - 09:40

08:00 - 08:20

RLCKs:

08:20 - 08:40

RNAi mediated host antiviral defense in rice

08:40 - 09:00

Suppression of plant immunity

by microbe-derived secretory proteins

09:00 - 09:20

Dissection of the

molecular mechanism underlying AvrPiz-t–Piz-t mediated immunity against *Magnaporthe oryzae*

09:20 - 09:40

Invasion by

invitation, the molecular mechanisms of *rhizobial* infection in legumes

09:40 - 10:00

10:00 - 11:40

10:00 - 10:20

Tm-2(2)

10:20 - 10:40

A tyrosine phosphorylation cycle of CERK1 controls plant innate immunity

10:40 - 11:00

11:00 - 11:20

Sw-5b

Tospovirus

11:20 - 11:40

12:00

2018 10 21

13:30 - 16:45

13:30 - 14:00

14:00 - 14:30

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14:30 - 15:00

15:00 - 15:15

15:15 - 15:45

Exploring the metabolic diversity in major crops-
from functional genomics to functional metabolomics

15:45 - 16:15

Genetic basis of the
simultaneous improvement of nitrogen-use efficiency and grain yield
in rice

16:15 - 16:45

Unlocking genetic basis
of complex traits and heterosis in rice

16:45 - 17:15

2019
