International Symposium on RNAi and Genome editing methods

From March 14 to March 16, 2014

Conference Venue: Fujii Memorial Auditorium in The University of Tokushima, Tokushima City, Japan

Important Dates

Registration Due: February 10, 2014

Please send e-mail to noji@tokushima-u.ac.jp

With your information

Your name:

Affiliation:

E-mail address:

Conference: March 14-16, 2014　　Tokushima, Japan

Organizing Committee:

Hideaki Nagamune, Aleksandar Popadic, Keishi Osakabe,

Takashi Yamamoto, Sumihare Noji

Supported by:

RNAi Project for Medicine-Agriculture-Engineering Collaboration and Center for Collaboration among Agriculture, Industry and Commerce in The University of Tokushima

Scientific Program (Tentative)

Friday - March 14, 2014

Session 1: RNAi in Insects

9:00 AM: Welcome and Keynote Address

Chair: Sumihare Noji

Keynote Speaker: Aleksandar Popadic (Wayne University, USA)

"Insect evolution and RNAi methods"

10:00 AM Chair: Taro Mito

10:00 Gregor Bucher (Göttingen,Germany)

"iBeetle: Overcoming the candidate gene approach with a large scale RNAi screen"

11:00 Break

11:20 Taro Mito (Tokushima, Japan)

"RNAi and genome project in the cricket"

11:50 Taro Nakamura (Extavour Lab, Harvard, USA)

"RNAi and early developmental process in the cricket"

12:20 Lunch

Session 2: RNAi for functional analyses

14:00 PM Chair: Aleksandar Popadic

14:00 Antonia Monteiro (NUS, Sing)

"Heat shock and RNAi"

14:30 Tetsuya Bando (Okayama, Japan)

"Regeneration and RNAi in the cricket"

15:00 Michalis Averof (CNTS, Lyon, France)

16:00 Break

16:20 Kohei Toga (Nagoya, Japan)

16:50 Toru Miura (Hokkaido, Japan))

17:20 Kuniaki Saito (Siomi Lab, Keio University, Tokyo, Japan)

"RNAi and piwi" (TBA)

18:00

18:30 Dinner

Saturday - March 15, 2014

Session 3: RNAi for functional analysis 2

9:00 AM: Chair

9:00 Anastasios Pavlopoulos (Janelia Farms, HHMI)

10:00 Seth Donoughe (Extavour Lab, Harvard, USA)

10:30 Break

10:50 TBA   Selected from participants

11:20 Kenji Tomioka (Okayama, Japan)

11:50 Lunch

Session 4: Genome editing methods with TALEN

13:00 PM Chair: Keishi Osakabe: Welcome Address

Keynote Speaker: J-R. Joanna Yeh (MGH, USA)

     "Genome Editing methods"

14:00 Tetsushi Sakuma (Takashi Yamamoto Lab of Hiroshima University, Hisorhisma, Japan)

     "Platinum TALEN"

14:30 Takaaki Daimon (Tsukuba, Japan)

     "TALENs for *Bombyx mori*"

15:00 Ken-ichi Suzuki (Xenopus, Hiroshima, Japan)

     "TALENs for *Xenopus*"

15:30 Break

15:50 Cellectis (Wako) (To be confirmed)

16:20 Akihiro Yasue (Mouse, Tokushima, Japan)

     "TALENs for the mouse"

16:50 Jack Crawford (Troansposagen, Kentucky, USA)

     "TALENs for the rat"

17:20 Tomoji Mashimo (Rat, Kyoto, Japan)

     "TALENs and CRISPR/Cas for the rat"

17:50 TBA Selected from participants

18:20

19:00 Dinner, followed by the informal gathering to discuss novel research
     approaches and share information.

Sunday - March 16, 2014

Session 5: Genome editing methods with CRISPR/Cas9

9:00 AM: Chair: Tetsushi Sakuma

9:00 Ann Ran (Feng Zhang lab、McGovern Institute for Brain Research, MIT USA)

     "Genome editing methods"

10:00 Takahito Watanabe (Univ. of Tokushima, Japan)

     "CRISPR/Cas9 for the cricket"

10:30 Yasunori Sasakura (Tsukuba, Japan)

"CRISPR/Cas9 for the ascidian"

11:00 Break

11:20 Atsuo Kawahara (Yamanashi Univ., Yamanashi, Japan)

"CRISPR/Cas9 for the Zebrafish"

11:50 Masato Ikawa (Osaka Univ., Osaka, Japan)

"CRISPR/Cas9 for the mouse"

12:20-14:20 Lunch & Round Table Discussion

Session 6: Genome editing methods for plants and cells

14:20 PM

14:20 Caixia Gao (State Key Laboratory of Plant Cell and Chromosome

Engineering Institute of Genetics and Developmental Biology

Chinese Academy of Sciences, Beijing, China)

14:50 Life Technologies (plant) (To be confirmed)

"Genome editing methods in plant biology"

15:20 Keishi Osakabe (Unv. of Tokushima, Japan)

"TALENs and CRISPR/Cas9 for the plant"

15:50 Hiroshi Ochiai (Hiroshima University, Japan)

"TALENs and CRISPR/Cas9 for the cell"

16:20 TBA (iPS, Kyoto, Japan)

16:50 Departure of Participants

(Post meeting for genome editing researchers (TBA))