

33rd International Symposium of Radiation Biology Center, Kyoto University

URL: http://www.rbc.kyoto-u.ac.jp/cancer_biology/33_RBC_Symposium.html

Main Theme: Cutting Edge of Radiation and Cancer Biology

Period: Dec 4 – Dec 5, 2017.

Venue: Hotel Co-op Inn Kyoto < http://www.coopinn.jp/kyoto_e/ >

Yanaginobamba St. North of Takoyakushi, Nakagyo-ku, Kyoto, Japan.

Tel: +81-75-256-6600; e-mail: coopinn-k@univcoop.or.jp

Important date: Abstract: Oct 31, 2017.

Pre-registration: Nov 30, 2017.

Registration Fee: Free

Networking/Reception Party:

18:00-20:00, Dec. 4th. in Restaurant PATIO, Hotel Co-op Inn Kyoto.

Pre-registration to the party by non-students: 2,000 JPY.

Pre-registration to the party by students: 0 JPY.

On-site registration to the party: 3,000JPY.

P.S. Note: Every payment will be made by cash on-site

Hosted by: Radiation Biology Center, Kyoto University, Japan.



京都大学 共同利用・共同研究拠点

放射線生物研究センター

Radiation Biology Center, Kyoto University



Supported by: Japan Society for the Promotion of Science (JSPS)

The Tokyo Biochemical Research Foundation

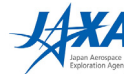
Japan Aerospace Exploration Agency

Grant-in-Aid for scientific Research on Innovative Area, MEXT Japan, to “Living in Space”



JSPS 独立行政法人
日本学術振興会
Japan Society for the Promotion of Science

公益財団法人 東京生化学研究会
The Tokyo Biochemical Research Foundation



Organizer: Hiroshi HARADA, Radiation Biology Center, Kyoto University, Japan.

Organizing Staff: Minoru KOBAYASHI, Radiation Biology Center, Kyoto University, Japan.

Sho KOYASU, Radiation Biology Center, Kyoto University, Japan.

Symposium Secretariat:

Keiko WADA, Radiation Biology Center, Kyoto University, Japan.

Masami TANAKA, Radiation Biology Center, Kyoto University, Japan.

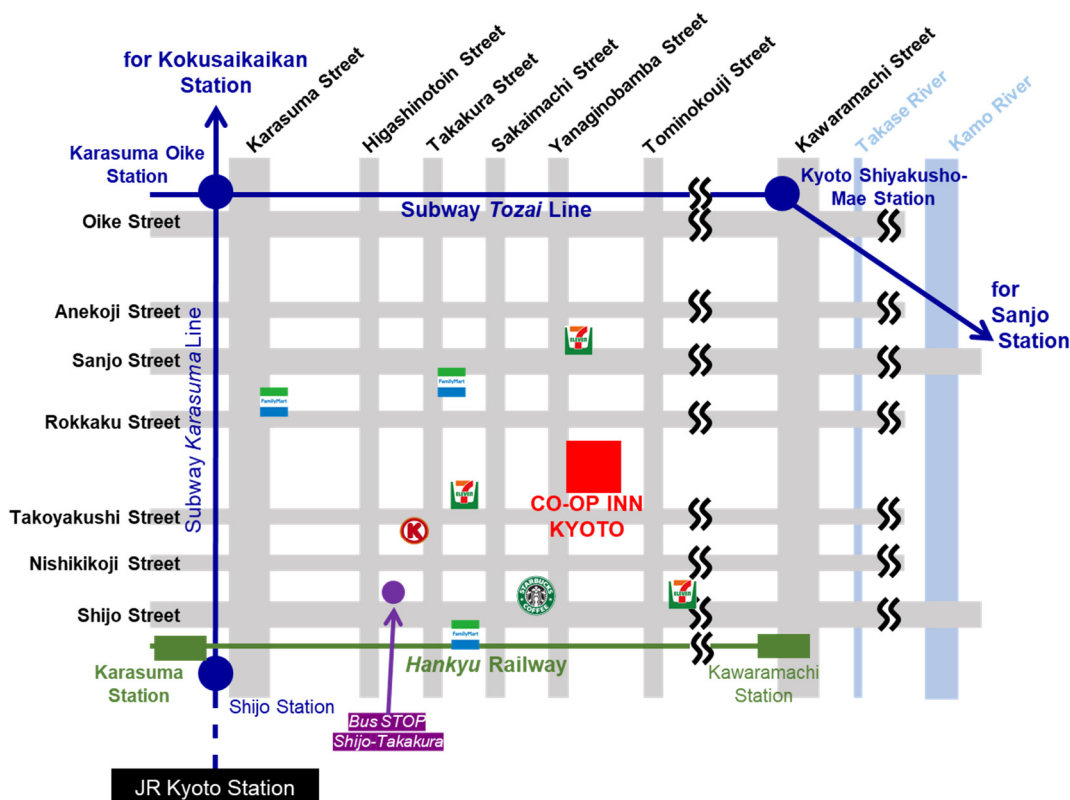
Atsuko YAMADA, Radiation Biology Center, Kyoto University, Japan.

Yukiko SAKAI, Radiation Biology Center, Kyoto University, Japan.

Peng FAN, Radiation Biology Center, Kyoto University, Japan.

Access

Venue: Hotel Co-op Inn Kyoto < http://www.coopinn.jp/kyoto_e/ >
 Yanaginobamba St. North of Takoyakushi, Nakagyo-ku, Kyoto, Japan.



Transportation:

From Airport to JR Kyoto Station <<http://www.okkbus.co.jp/en/>>

- Osaka (Itami) Airport → Limousine bus (50 min, 1,310 JPY) → **JR Kyoto Station**
- Kansai Int'l Airport → Limousine bus (90 min, 2,550 JPY) → **JR Kyoto Station**

From **JR Kyoto Station** by train:

- Subway: → (Karasuma Line) → **Shijo Station** → 8 min walk → Hotel Co-op Inn Kyoto
- Bus: Bus Stop “#A1” → (Line #5) → Bus Stop “**Shijo-Takakura**” → 5 min walk → Hotel Co-op Inn Kyoto
- Taxi: → 15 min (about 1,500 JPY) → Hotel Co-op Inn Kyoto

Please show the following message to taxi driver.

「ホテル・コープイン京都までお願いします。」

Others:

- Hankyu Railway **Karasuma Station** → 8 min walk → Hotel Co-op Inn Kyoto
- Hankyu Railway **Kawaramachi Station** → 8 min walk → Hotel Co-op Inn Kyoto

Information for Chairs and Presenters

For Every Speakers in “Keynote Lecture”, “Session 1-4”, and “Short Talk Session”

1. PC Registration

Please come to the “PC Desk” at the left-front of the room during the Coffee Break before the Scientific Session you will give a talk in, and let the staff connect your own PC to the projector.

2. Presentation Method

Presentations are to be given with your own laptop. Please do not forget to bring your laptop. No sound output is available.

3. Official Language

English

4. Time Allocation

The chairs and speakers are expected to ensure that all presentations start and finish punctually as scheduled.

Keynote Lecture: 50 min Presentation + 10 min Discussion

Session 1-4: 25 min Presentation + 5 min Discussion

Short Talk Session: 9 min Presentation + 3 min Discussion

Staff will assist chairs and speakers with timing. Remaining time for each presentation will be notified with bell signals as follows;

1 ring: 1 minutes to the end of presentation

2 rings: End of presentation - Start of discussion

3 rings: End of discussion - Time for next presentation

5. Technical requirements for your laptop

Please ensure that your computer is equipped with the proper monitor connector (*e.g.* D-sub 15 pin). The organizer will prepare following 4 kinds of converters (1) HDMI to VGA (D-sub 15 pin), (2) mini Displayport to VGA (D-sub 15 pin), (3) USB 3.1 Type C to VGA (D-sub 15 pin) (4) microHDMI to VGA (D-sub 15 pin). If your computer does not have the connection, please bring an appropriate converter with you.

Please be sure to bring an AC adaptor. Please note that voltage in Japan is 100V and the frequency ranges 50-60 Hz depending on the area (60Hz in Kyoto). The socket is type A, which has two flat plug holes. If your laptop is not convertible, transformers and/or plug adaptors are necessary.

Please deactivate the screen-saver and power saving mode of your laptop.
Your laptop will be prepared on the podium for you to operate by yourself.

For Poster Presenters

1. Set up, Presentation/ Discussion, Removal

Please set up your poster just after you come to the symposium venue. Push pins are prepared by the organizer.

Please stand by your poster, respond to questions, and enjoy discussion during the following time period in the Poster Session.

Odd poster number 12:05 – 12:30, Dec. 5th, 2017.

Even poster number 12:30 – 12:55, Dec. 5th, 2017.

Please remove your poster before you leave the symposium venue. The organizer does not keep or return any of the posters left.

2. Posting Information

2.1. Location

The presentation number is on the upper left of each panel. Please use the panel that matches your presentation number.

2.2 Panel size

Each panel space available is 80 cm wide x 120 cm high. Please indicate your presentation title, author(s), and affiliation(s) on top of the poster. Your presentation title, author(s), and affiliation(s) must be written big enough to see from 5 meters away.

2.3. Language

Posters are to be written in English.

Timetable

December 4 (Mon)		December 5 (Tue)
9:00		9:00-10:30 Session 3 DNA Damage Response and Repair-1 (SASANUMA H, SCHÄRER OD, MIYAGAWA K)
10:00		Coffee Break
11:00		10:50-11:50 Short Talk Session (FURUYA K, NISHI R, KAIDA A, OKAMOTO Y, MORI E)
		Short Break
12:00	12:00-13:00 Registration	12:00-13:00 Poster Session with Lunch
13:00	13:00-13:10 Opening Remarks 13:10-14:40 Session 1 Radiation Biology and Oncology (HAMMOND EM, HIGGINS GS, FERNANDEZ-ANTORAN D)	13:00-14:30 Session 4 DNA Damage Response and Repair-2 (MYUNG K, CHIBA N, YASUI A)
14:00	Coffee Break	14:30-14:40 Closing Remarks
15:00	15:00-16:30 Session 2 Cancer Biology (IGAKI T, FUJITA Y, TAKAHASHI C)	
16:00	Coffee Break	
17:00	16:50-17:50 Keynote Lecture (MUSCHEL RJ)	
	Group Photo	
18:00	18:00 Reception Party	
19:00		

Program

Day 1: Dec 4 (Mon), 2017.

12:00-13:00 Registration

13:00-13:10 Opening Remarks

Minoru TAKATA, Kyoto University, Japan

13:10-14:40 Session 1: Radiation Biology and Oncology (Page 10-12)

Session Chair: Minoru TAKATA, Kyoto University, Japan

(13:10-13:40) Ester M HAMMOND, University of Oxford, UK

Understanding and exploiting the hypoxia-induced DNA damage response (P10)

(13:40-14:10) Geoffrey S HIGGINS, University of Oxford, UK

Altering oxygen consumption to alleviate tumour hypoxia (P11)

(14:10-14:40) David FERNANDEZ-ANTORAN, Wellcome Trust Sanger Institute, UK

Low-doses of gamma-radiation alter epithelial cell behaviour and promote mutant clone expansion (P12)

14:40-15:00 Coffee Break

15:00-16:30 Session 2: Cancer Biology (Page 13-15)

Session Chair: Tomohiro MATSUMOTO, Kyoto University, Japan

(15:00-15:30) Tatsushi IGAKI, Kyoto University, Japan.

Epithelial tumor suppression by cell competition (P13)

(15:30-16:00) Yasuyuki FUJITA, Hokkaido University, Japan.

Cell competition between normal and transformed epithelial cells (P14)

(16:00-16:30) Chiaki TAKAHASHI, Kanazawa University, Japan.

Regulation of metabolism by RB tumor suppressor (P15)

16:30-16:50 Coffee Break

16:50-17:50 Keynote Lecture (Page 9)

Session Chair: Hiroshi HARADA, Kyoto University, Japan
Ruth J MUSCHEL, University of Oxford, UK.

The role of macrophages in the tumor response to radiation (P9)

17:50-18:00 Group Photo

18:00-20:00 Networking/Reception Party

Day 2: Dec 5 (Tue), 2017.

9:00-10:30 Session 3: DNA Damage Response and Repair-1 (Page 16-18)

Session Chair: Masamichi ISHIAI, Kyoto University, Japan

(9:00-9:30) Hiroyuki SASANUMA, Kyoto University, Japan.

The essential role of Mre11-Rad50-Nbs1 complex in the removal of abortive Top2-DNA complex (P16)

(9:30-10:00) Orlando D. SCHÄRER, Ulsan National Institute of Science and Technology, Korea.

Regulation of Dual Incision and Repair Synthesis in Human Nucleotide Excision Repair (P17)

(10:00-10:30) Kiyoshi MIYAGAWA, The University of Tokyo, Japan.

Regulation of checkpoint strength in the DNA damage response (P18)

10:30-10:50 Coffee Break

10:50-11:50 Short Talk Session (Page 22-26)

Session Chair: Junya KOBAYASHI, Kyoto University, Japan

(10:50-11:02) Kanji FURUYA, Kyoto University, Japan.

CDK-PLK1 axis targets DNA checkpoint sensor protein RAD9, promoting tolerance to genotoxic stress and cell proliferation (P22)

(11:02-11:14) Ryotaro NISHI, Ritsumeikan University, Japan.

A deubiquitylating enzyme, UCHL3, enhances non-homologous end-joining by regulating Ku ubiquitylation (P23)

(11:14-11:26) Atsushi KAIDA, Tokyo Medical and Dental University, Japan.

Determining radiosensitivity of quiescent and proliferating tumor

- cells irradiated under different tumor microenvironments (P24)
- (11:26-11:38) Yusuke OKAMOTO, Kyoto University, Japan.
Replication stress induces R-loop-dependent accumulation of FANCD2 at large fragile genes (P25)
- (11:38-11:50) Eiichiro MORI, Nara Medical University, Japan.
Effects of aliphatic alcohols on labile amyloid-like cross- β polymers formed from low complexity domain of fused in sarcoma (FUS) (P26)
- 11:50-12:00 Short Break**
- 12:00-13:00 Poster Session with Lunch (Page 27-47)**
- 13:00-14:30 Session 4: DNA Damage Response and Repair-2 (Page 19-21)**
Session Chair: Tsuyoshi IKURA, Kyoto University, Japan
- (13:00-13:30) Kyungjae MYUNG, Ulsan National Institute of Science and Technology, Korea.
Molecular mechanisms of DNA repair (P19)
- (13:30-14:00) Natsuko CHIBA, Tohoku University, Japan.
BRCA1-interacting protein OLA1 is involved in the centrosomal duplication and response to DNA damage (P20)
- (14:00-14:30) Akira YASUI, Tohoku University, Japan.
Frequent defect in the nucleosome remodeling complexes belonging to SWI/SNF family significantly reduces DNA repair and other activities, leading to cell death and tumorigenesis (P21)
- 14:30-14:40 Closing Remarks**
Hiroshi HARADA, Kyoto University, Japan.