The 4th International Symposium of the Network-type Joint Usage/Research Center for Radiation Disaster Medical Science
- How can we communicate possible health effects in radiological emergency? -

Date: February 12, 2020
Venue: Koujin Conference Hall on Kasumi Campus, Hiroshima University

February 12, 2020 (Wednesday)

9:30- Registration

Opening Remarks
10:00-10:05  Mitsuo Ochi  (Hiroshima University, Japan)

Session 1: Radiation casualty medicine: Scientific basis of recovery from radiation injury

Chair: Keiji Suzuki *1 and Morihito Okada *2

10:05-10:35  Tom K. Hei (Columbia University, USA): The Role of Biomarkers in Radiation Disaster Management

10:35-10:55  Koichi Tanigawa (Futaba Medical Center, Japan): Roles of critical care medicine in radiological emergencies - Advances and challenges for acute radiation syndrome -

10:55-11:15  Kiyoshi Miyagawa (The University of Tokyo, Japan): Radiological risk communication of germline variants incidentally detected by cancer precision medicine

Session 2: Low dose radiation effects and health risk study: Clinical aspects of radiation-induced cancer

Chair: Michio Murakami *3 and Norisato Mitsutake *4

11:15-11:35  Akira Ohtsuru (Fukushima Medical University, Japan): Methods for conducting disease monitoring in low-dose exposure condition as a countermeasures during a nuclear disaster

11:35-11:55  Takayuki Kadoya (Hiroshima University, Japan): Radiation effects and risk of breast cancer
11:55-12:15 Masahiro Nakashima (Nagasaki University, Japan): Detection of radiation-induced late effects in precancerous tissues from human skins and rat thyroid glands

*3 Fukushima Medical University *4 Nagasaki University

Group Photo and Lunch Break
12:15-13:45

Hybrid Session
Chair: Nobuyuki Hirohashi *5

13:45-14:45 Oral Presentation
14:45-15:45 Poster

*5 Hiroshima University

Session 3: Social impact of a radiation disaster and radiological protection studies:
Effective mass communication on health risk
Chair: Shinji Yoshinaga *6 and Arifumi Hasegawa *7

15:45-16:15 Bradley J. Hamm (Northwestern University, USA): Informing and Educating the World on Deadline: The Case for World-Class Communications

16:15-16:35 Sae Ochi (Jikei University School of Medicine, Japan): Science communication in Fukushima - understanding non-scientific rationality

16:35-17:05 Zhanat Carr (World Health Organization, Switzerland): Framework for Management of Psychological and Mental Health Impact of Nuclear Emergencies

*6 Hiroshima University *7 Fukushima Medical University

Coffee Break
17:05-17:25

Keynote Lecture
Chair: Hiroshi Yasuda *8

17:25-18:10 Malcolm Crick (Former Secretary of UNSCEAR, Austria): The importance of trustworthy sources of scientific information in risk communication with the public

*8 Hiroshima University
Award Ceremony
18:10-18:30

Summary and Closing Remarks
18:30-18:40  Tom K. Hei  (Columbia University, USA)
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Kasumi Campus,
Hiroshima University

Keynote Lecture
Malcolm Crick (Austria)

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Radiation casualty medicine

Tom K. Hei (USA)
Koichi Tanigawa
Kiyoshi Miyagawa

Session 2
Low dose radiation effects and health risk study

Akira Ohtsuru
Takayuki Kadoya
Masahiro Nakashima

Session 3
Social impact of a radiation disaster and radiological protection studies

Bradley Hamm (USA)
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