

**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

^{*1} Nagasaki University ^{*2} Hiroshima University

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 counter-measures 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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Hiroshima University

Keynote Lecture

Malcolm Crick (Austria)

Session 1

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)
Sae Ochi
Zhanat Carr (Switzerland)**

主催

ネットワーク型共同利用・共同研究拠点
放射線災害・医科学研究拠点
広島大学原爆放射線医科学研究所
長崎大学原爆後障害医療研究所
福島県立医科大学ふくしま国際医療科学センター

後援

放射線被曝者医療国際協力推進協議会 (HICARE)
長崎・ヒバクシャ医療国際協力会 (NASHIM)

お問い合わせ先

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