

The 7th International Symposium of the Network-type Joint Usage/
Research Center for Radiation Disaster Medical Science

Radiation Medicine from the Perspective of Radiation Disaster Medical Science Research

February 20, 2023

Kojin-kaikan

in the Kasumi campus of Hiroshima University,
Minami-ku, Hiroshima City

Keynote Lecture

Elizabeth Ann Ainsbury (UK)

Session 1

Low dose radiation effects and
health risk study

Tomonobu Watanabe
Yoshiya Shimada

Session 2

Radiation casualty medicine

Shinji Tokonami
Makoto Akashi

Session 3

Social impact of a radiation disaster and
radiological protection studies

William D.Y McMichael
Kei Hirai

Session 4

Medical radiation research

Jean-Pierre Pouget (France)
Ikuno Nishibuchi

主催 共同利用・共同研究拠点ネットワーク／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)

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**The 7th International Symposium of the Network-type
Joint Usage/Research Center for Radiation Disaster Medical Science**

**- Radiation Medicine from the Perspective of Radiation Disaster
Medical Science Research -**

Date: February 20, 2023

Venue: Koujin Conference Hall on Kasumi Campus, Hiroshima University

10:00- Registration

Opening Remarks

10:30-10:35 Mitsuo Ochi (Hiroshima University, Japan)

Session 1: Low dose radiation effects and health risk study

Chair: Keiji Suzuki ^{*1} and Akira Sakai ^{*2}

10:35-10:55 Tomonobu Watanabe (Hiroshima University, Japan)

: Investigation of acquired cardiomyopathy on iPS differentiation by radiation based on advanced optical microscopy

10:55-11:15 Yoshiya Shimada (Institute for Environmental Sciences, Japan)

: Molecular signatures in radiation-induced murine hematopoietic neoplasm

*1 Nagasaki University *2 Fukushima Medical University

Session 2: Radiation casualty medicine

Chair: Osamu Kaminuma ^{*3} and Osamu Tasaki ^{*4}

11:15-11:35 Shinji Tokonami (Hiroshima University, Japan)

: What can we learn from HBRA studies?
~Radiological aspects in various HBRA~

11:35-11:55 Makoto Akashi (Tokyo Healthcare University, Japan)

: Radiation emergency medicine
- a perspective on the past, present, and future -

*3 Hiroshima University *4 Nagasaki University

Group photo and lunch break

11:55-13:25

Hybrid session

Chair: Nobuyuki Hirohashi ^{*5}

13:25-14:25 Oral presentation

14:25-15:25 Poster

*5 Hiroshima University

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

Chair: Shinji Yoshinaga ^{*6} and Masaharu Tsubokura ^{*7}

15:25-15:55 William D.Y McMichael (Fukushima University, Japan)

: Observations of Learning Outcomes for Short-Term Study Abroad
Programs in Fukushima Prefecture Utilizing Dark Tourism

15:55-16:15 Kei Hirai (Osaka University, Japan)

: Segmentation of the general public according to their health belief and
literacy about radiation

*6 Hiroshima University *7 Fukushima Medical University

Session 4: Medical radiation research

Chair: Takashi Kudo ^{*8} and Kohshin Washiyama ^{*9}

16:15-16:45 Jean-Pierre Pouget (Institut de Recherche en Cancérologie de
Montpellier (IRCM))

: Role of extracellular vesicles during bystander cytotoxicity and
bystander immunity of alpha-targeted radionuclide therapy

16:45-17:05 Ikuno Nishibuchi (Hiroshima University, Japan)

: Evaluating Individual Radiosensitivity for the Prediction of Acute
Toxicities of Chemoradiotherapy in Esophageal Cancer Patients

*8 Nagasaki University *9 Fukushima Medical University

Keynote Lecture

Chair: Satoshi Tashiro ^{*10}

17:05-17:50 Elizabeth Ann Ainsbury (UK Health Security Agency, UK)

: Networking in Biological and Physical Retrospective Dosimetry in
Europe and Beyond

*10 Hiroshima University

Award ceremony

17:50-18:00

Summary and closing remarks

18:00-18:10 Elizabeth Ann Ainsbury