

The 1st International Symposium
of the network-type Joint Usage/
Research Center for Radiation
Disaster Medical Science

Scientific Underpinning for Restoration from a Radiation Disaster

Fukushima
Medical University

Hiroshima
University

Nagasaki
University

FEBRUARY
21 - 22
2017

koujin Conference Hall on
Kasumi Campus,
Hiroshima University

Feb 21 Tue

Keynote Lecture

Low dose radiation effects and health
risk research

Social impact of a radiation disaster
and radiological protection studies

Feb 22 Wed

Radiation casualty medicine

Werner Rühm(Germany)

session 1

Tom Hei(USA)
Hiroshi Tauchi
Kensuke Otsuka
Michio Murakami

session 2

Sergey Shinkarev(Russia)
Masaharu Tsubokura
Takeshi Imoto
Noboru Takamura

Poster Session

session 3

Nicholas Dainiak(USA)
Marc Benderitter(France)
Yuji Yokouchi
Yukihito Higashi

主催 ネットワーク型拠点
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

お問い合わせ先

放射線災害・医科学研究拠点本部事務局
(広島大学霞地区運営支援部研究支援グループ)
Tel:+81-(0)82-257-5186
Mail:housai@hiroshima-u.ac.jp
<http://home.hiroshima-u.ac.jp/housai/>

**The 1st International Symposium of the network-type Joint
Usage/Research Center for Radiation Disaster Medical Science
- Scientific Underpinning for Restoration from a Radiation Disaster –**

Sponsored by Research Base for Radiation Accidents and Medical Science

21 to 22 February 2017

Koujin Conference Hall, Kasumi Campus, Hiroshima University

21 February 2017 (Tuesday)

13:30-13:40 **Opening remarks**

13:40-14:40 **Keynote Lecture**

Werner Rühm (Helmholtz Center Munich, Germany) : TBA

14:40-16:30 **Session 1; Low dose radiation effects and health risk research**

Tom Hei (Columbia University Medical Center, USA) : Low dose radiobiology and relevance to human health

Hiroshi Tauchi (Ibaraki University) : Induction of somatic mutation by low dose/low dose rate radiation: Experimental analysis by using a hypersensitive system

Kensuke Otsuka (Central Research Institute of Electric Power Industry) : Cellular responses and gene expression profiles of colonic Lgr5⁺ stem cells after low-dose / low-dose-rate radiation exposure

Michio Murakami (Fukushima Medical University) : Utility of risk comparison regarding radiation as individual and social decision-making

Poster viewing

17:00-18:50 **Session 2; Social impact of a radiation disaster and radiological protection studies**

Sergey Shinkarev (FMBC, Russia) : Comparative analysis of the

countermeasures to mitigate exposure of the public to radioiodine following the Chernobyl and Fukushima accidents
Masaharu Tsubokura (Soma Central Hospital) : TBA
Takeshi Iimoto (The University of Tokyo) : TBA
Noboru Takamura (Nagasaki University) : For the recovery from the nuclear disaster: a model in Kawauchi village

22 February 2017 (Wednesday)

9:00-9:30 **Poster viewing**

9:30-10:30 **Poster session**

10:30-12:20 **Session 3; Radiation casualty medicine**

Nicholas Dainiak (Oak Ridge Institute for Science and Education, USA) : TBA

Marc Benderitter (IRSN, France) : TBA

Yuji Yokouchi (Fukushima Medical University) : Is it feasible to establish a tissue-specific stem cell bank derived from human iPS cells for emergency medical treatment of radiation casualties?

Yukihito Higashi (Hiroshima University) : Cutting-edge preparation of cell therapy for overcoming radiation-induced damages in humans

12:20-12:45 **Summary and closing remarks**