

Preparedness for Nuclear Disasters from the Perspective of Medical Science Research

February 15, 2024

**Commemoration Hall
on Sakamoto Campus, Nagasaki University**

Keynote Lecture

Dimitry Bazyka (Ukraine)

Session 1

**Low dose radiation effects and
health risk study**

**Won Jin Le
Yu ABE**

Session 2

Radiation casualty medicine

**Li-Fan Lin
Yukihito Higashi**

Session 3

**Social impact of a radiation disaster and
radiological protection studies**

**Hiroshi Yasuda
Rie Mizuki**

Session 4

Medical radiation research

**Jessica Fleming
Yukie Yoshii**

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 放射線被害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会 (NASHIM)

お問い合わせ先／contact information

長崎大学 生命医科学域・研究所事務部総務課 (企画担当)
Tel: +81-(0)95-819-7195 Mail: gakujuu_kikaku@ml.nagasaki-u.ac.jp

**The 8th International Symposium of the Network-type
Joint Usage/Research Center for Radiation Disaster Medical Science**

**- Preparedness for Nuclear Disasters from the Perspective of
Medical Science Research -**

Date: February 15, 2024

Venue: Commemoration Hall on Sakamoto Campus, Nagasaki University

10:00- Registration

Opening Remarks

10:30-10:35 Takeshi Nagayasu (Nagasaki University, Japan)

Session 1: Low dose radiation effects and health risk study

Chair: Megumi Sasatani^{*1} and Keiji Suzuki^{*2}

10:35-11:05 Lee, Won Jin (Korea University College of Medicine, Korea)
: Medical radiation workers' study in South Korea: an example of low
dose epidemiological study

11:05-11:25 Yu ABE (Nagasaki University, Japan)
: Recent Understanding of Biological Effects of Medical Exposure

*1 Hiroshima University *2 Nagasaki University

Session 2: Radiation casualty medicine

Chair: Satoshi Tashiro^{*3} and Arifumi Hasegawa^{*4}

11:25-11:55 Li-Fan Lin (Taiwan Tri-Service General Hospital, Taiwan)
: Medical Preparedness for Radiological and Nuclear Emergencies
in Taiwan

11:55-12:15 Yukihiro Higashi (Hiroshima University, Japan)
: Therapeutic Angiogenesis for Vascular Injury after Radiation Exposure

*3 Hiroshima University *4 Fukushima Medical University

Group photo and lunch break

12:15-13:45

Hybrid session

Chair: Koh-ichiro Yoshiura^{*5}

13:45-14:45 Oral presentation

14:45-15:45 Poster

*5 Nagasaki University

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

Chair: Sumi Yokoyama^{*6} and Masaharu Tsubokura^{*7}

15:45-16:05 Hiroshi Yasuda (Hiroshima University, Japan)

: Development of a novel weather-resistant radiophotoluminescence glass for retrospective dose assessment in an unexpected radiological event

16:05-16:25 Rie MIZUKI (Fukushima Medical University, Japan)

: Psychosocial impacts on children after the Fukushima disaster

*6 Nagasaki University *7 Fukushima Medical University

Session 4: Medical radiation research

Chair: Mana Ishibashi^{*8} and Tomoaki Tamaki^{*9}

16:25-16:55 Jessica Fleming (Ohio State University, U.S.A.)

: FLASH Radiotherapy: Advancements in Radiation Oncology

16:55-17:15 Yukie Yoshii (LinqMed, Inc., Japan)

: Innovative visible cancer treatment using radiopharmaceuticals

*8 Hiroshima University *9 Fukushima Medical University

Keynote Lecture

Chair: Masahiro Nakashima^{*10}

17:15-17:45 Dimitry Bazyka (National Research Centre for Radiation Medicine)

: Radiological threats and health effects in personnel as a result of Russian invasion to Chernobyl exclusion zone

*10 Nagasaki University

Award ceremony

17:45-17:55

Summary and closing remarks

17:55-18:05

Reception