

The 3rd International Symposium of the Network-type Joint Usage/  
Research Center for Radiation Disaster Medical Science

# Cooperative wisdom among communities for disaster preparedness and response

JANUARY **13-14** 2019

The Celecton Fukushima (Fukushima city)

Network-type Joint Usage/  
Research Center for  
Radiation Disaster Medical Science

JANUARY 13 SUN

Social impact of  
a radiation disaster and  
radiological protection studies  
: Science with community

Radiation causality medicine  
: Social preparedness

Session 1

Philip Thomas (UK)  
Yujiro Kuroda  
Chieri Yamada  
Hiroshi Yasuda  
Noboru Takamura

Session 2

Nicholas Dainiak (USA)  
Young Woo Jin (Korea)  
Yusong Zhang (China)  
Shunichi Yamashita

JANUARY 14 MON

Low dose radiation effects and  
health risk study  
: Wisdom for community

Session 3

Maureen Hatch (USA)  
Ignacia Tanaka  
Megumi Sasatani  
Ohtsura Niwa

## 【主催・後援】

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)

## 【問い合わせ先】

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**The 3rd International Symposium of the Network-type Joint  
Usage/Research Center for Radiation Disaster Medical Science  
- Cooperative wisdom among communities for disaster preparedness  
and response -**

Date: January 13 to 14, 2019

Venue: The Celecton Fukushima

**January 13, 2019 (Sunday)**

**12:00- Registration**

**Opening Remarks**

**13:00-13:04** Koichi Tanigawa (Fukushima Medical University, Japan)

**Guest Remarks**

**13:04-13:10** Zhanat Carr (Radiation Programme, Department of Public Health,  
Environmental and Social Determinants of Health, WHO)

**Session 1: Social impact of a radiation disaster and radiological protection studies:  
Science with community**

**Chair: Akira Ohtsuru<sup>\*1</sup> and Deborah Oughton<sup>\*2</sup>**

**13:10-13:45** Philip Thomas (University of Bristol, United Kingdom) : Society's need  
for a better response after a big nuclear reactor accident

**13:45-14:10** Yujiro Kuroda (Fukushima Medical University, Japan) : The social  
impact of nuclear accident and re-building trust through  
collaboration with local communities -Developing  
“Information booklet for returnees”

**14:10-14:35** Chieri Yamada (Fukushima Medical University, Japan) : An interim  
report: an action research for community initiative radiation  
and disaster risk management in Mongolia

**14:35-15:00** Hiroshi Yasuda (Hiroshima University, Japan) : Improvement of the  
evacuation criteria based on the lessons learned from the  
Fukushima Daiichi accident

**15:00-15:25** Noboru Takamura (Nagasaki University, Japan) : Recovery efforts from the nuclear disaster: Models in Kawauchi village and Tomioka town

\*1 Fukushima Medical University \*2 Norwegian University of Life Sciences

**Group photo and break**

**15:25-15:40**

**Hybrid session**

**Chair: Akira Ohtsuru**

**15:40-16:10** Oral presentation

**16:10-17:10** Poster

**Session 2: Radiation casualty medicine: Social preparedness**

**Chair: Naoki Matsuda<sup>\*3</sup> and Rethy K. Chhem<sup>\*4</sup>**

**17:10-17:45** Nicholas Dainiak (Yale University, USA) : Radiation Casualty Medicine: National and International Responses to a Mass Casualty Incident

**17:45-18:10** Young Woo Jin (Korea Institute of Radiological and Medical Sciences (KIRAMS), Republic of Korea) : How radiation risks are communicated to the public in Republic of Korea: Focusing on the case of radioactive bed scandal in 2018

**18:10-18:35** Yusong Zhang (The Second Affiliated Hospital of Soochow University, China) : A Radiological Accident Resulting in Acute Mild Bone Marrow Radiation Sickness Combined With Severe Skin Injury In Nanjing, China

**18:35-19:10** Shunichi Yamashita ( Fukushima Medical University / Nagasaki University, Japan) : Social and Medical Preparedness against Nuclear Disaster - Lessons learned from Chernobyl and Fukushima -

\*3 Nagasaki University \*4 Cambodia Development Resource Institute (CDRI)

**Reception**

**19:30-21:00**

**January 14, 2019 (Monday/Holiday in Japan)**

**Poster session**

**9:00-10:00**

**Session 3: Low dose radiation effects and health risk study: Wisdom for community**

**Chair: Shinya Matsuura<sup>\*5</sup> and Jacques Lochard<sup>\*6</sup>**

- 10:00-10:35** Maureen Hatch (National Cancer Institute, USA) : Physical and Mental Health Effects of Nuclear Reactor Accidents: Three Mile Island (TMI), Chernobyl, Fukushima
- 10:35-11:00** Ignacia Tanaka ( Institute for Environmental Sciences, Japan ) : Experimental studies on the biological effects of chronic low dose-rate radiation exposure in mice
- 11:00-11:25** Megumi Sasatani (Hiroshima University, Japan) : Estimation of radiation-induced tumor risk using *Apc<sup>Min/+</sup>* mice
- 11:25-11:50** Ohtsura Niwa (Radiation Effects Research Foundation, Japan) : Listen first – wisdom learnt from the local community –

\*5 Hiroshima University \*6 Nagasaki University

**Special lecture: WHO policy framework on managing psycho-social impact of nuclear emergencies**

- 11:50-12:05** Zhanat Carr (Radiation Programme, Department of Public Health, Environmental and Social Determinants of Health, WHO)

**Summary and closing remarks**

- 12:05-12:20** Shunichi Yamashita (Fukushima Medical University / Nagasaki University, Japan)

**Organized by**

Ministry of Education, Culture, Sports, Science and Technology (MEXT) “Network-type Joint Usage/Research Center for Radiation Disaster Medical Science” since 2016

**In cooperation with**

World Health Organization (WHO)

Hiroshima International Council for Health Care of the Radiation-exposed (HICARE)

Nagasaki Association for Hibakusha’s Medical Care (NASHIM)