

DFG-JSPS supported seminar for Radiation effect on public and risk communication.

# International JSPS-DFG workshop on future joint studies in the field of radiation research - medical and environmental radiation - (WOSPAN workshop II)

Nagasaki 2016

*16-17th March, 2016  
Ryoujun-Auditorium, 1st floor, Nagasaki University*

Co-held by

Nagasaki University

Atomic Bomb Disease Institute,

Research Unit for Innovative Cancer Therapy and Prevention,

Graduate School of Biomedical Sciences

Leibniz Institute for Prevention Research and Epidemiology (BIPS)

Johannes Gutenberg-Universität Mainz

Funded by **DFG** Deutsche  
Forschungsgemeinschaft



日本学術振興会  
Japan Society for the Promotion of Science

**Day 1, Wednesday, 16 March 2016**

**13:00 – Arrival**

**13:10– Opening Remark (Prof. Yuji Nagayama, Director, ABDI-Nagasaki)**

**13:15 14:05 – Session 1**

**Introduction of Atomic Bomb Disease Institute, Nagasaki University (CHAIR: T. Kudo)**

**(20min talk, 5min discussion)**

1: Prof. Yasushi Miyazaki (Dept. of Hematology, ABDI)

- Effects of radiation on hematology; Lessons from Hibakusha

2: Prof. Masahiro Nakashima (Dept. of Tumor and diagnostic pathology)

- Storage of Biosamples from Atomic Bomb Survivors at Nagasaki University

Tea Break

**14:15 - 16:45 – Session 2**

**Featured session from Research Unit for Innovative Cancer Therapy and Prevention,**

**Graduate School of Biomedical Sciences, Nagasaki University**

**(CHAIR: M. Masutani (Dept. of Frontier Life Sci. Nagasaki Univ.), J. Itami (NCC))**

**(25min talk, 5min discussion)**

Yoshiyuki Shioyama (Saga HIMAT)

- Carbon-ion radiotherapy in Japan: current status and perspective

Tomohiro Matsuda (National Cancer Center (NCC), Japan)

- Role of cancer registry in research - perspective of nationwide cancer incidence data

Yutaka Yamada (NCC)

- The combined effects of radiation and chemicals on lung carcinogenesis in neonatal, juvenile and adult Wistar rats.

Daniel Wollschläger (IMBEI, Mainz, Germany; 10min presentation)

- "Second cancer after radiotherapy: An interactive exploration of radiation-dose dependent risks reported in the literature"

Peter Scholz-Kreisel (IMBEI, Mainz, Germany)

Childhood cancer therapy late effect research

**16:45 – Discussion and summary of Day 1 (All, lead: T. Kudo, N. Takamura, H. Zeeb, S. Dreger)**

**Dinner (around 19:00)**

## **Day 2, Thursday, 17 March 2016**

### **09:30 – Opening of Day 2**

#### **Previous joint work and CT and childhood cancer studies I – design issues (CHAIR: N. Takamura)**

**(25min talk, 5min discussion)**

Takashi Kudo (Dept. of Radioisotope Medicine, ABDI)

- Summary of present joint work on pediatric CT usage.

Steffen Dreger (15min talk)

- Background CT-studies and their limitations

Hajo Zeeb (BIPS) (10min talk, 5min discussion)

- Previous joint work and the need for case-control study in Japan

### **10:30 10:50am – Tea and coffee break**

### **10:50 12:10 –**

#### **CT and childhood cancer studies II – on going work including exposures, dose estimation**

**(CHAIR: D. Wollschläger) (15min talk, 5min discussion)**

Kazue Ishiduka (National Center for Child Health and Development (NCCHD))

- Nationwide birth cohort study in Japan: Japan Environment and Children's Study (JECS)

Osamu Miyazaki (NCCHD)

- Dose reduction of pediatric head CT: Comparison of radiation dose before and after the modification of protocols

Keiichi Akahane (National Institute of Radiological Sciences (NIRS))

- Current status of the estimations on frequencies and doses of medical radiation in Japan

Georg Stamm

- Abstracting data from PACS systems for subsequent dose estimations – practical issues and how to guide

### **12:10 12:30 – Update from Fukushima (CHAIR: H. Zeeb)**

Noboru Takamura (ABDI)

### **12:30 – Lunch**

### **13:30 15:00 – Open discussion - Conducting a case-control study in Japan (all, lead: H. Zeeb, S.**

#### **Dreger):**

- What is required for performing joint research regarding (pediatric) CT and cancer risk study in Japan
- How to use the newly developed cancer registry system for our purpose

### **15:00 – Summary of Day 2 and Closing Remark (T. Kudo, N. Takamura)**

International JSPS-DFG workshop on future joint studies in the field of radiation research - medical and environmental radiation (WOSPAN workshop II), 16-17 March, Nagasaki Univ., Nagasaki, JAPAN

|    | Participants       | Affiliation  |
|----|--------------------|--|
| 1  | Yuji Nagayama      | Dept. of Molecular Medicine, Atomic Bomb Disease Institute, Nagasaki University.<br>E-mail: nagayama@nagasaki-u.ac.jp  |
| 2  | Yasushi Miyazaki   | Dept. of Hematology, Atomic Bomb Disease Institute, Nagasaki University.<br>E-mail: y-miyaza@nagasaki-u.ac.jp  |
| 3  | Masahiro Nakashima | Dept. of Tumor and Diagnostic Pathology, Atomic Bomb Disease Institute, Nagasaki University.<br>E-mail: moemoe@nagasaki-u.ac.jp                              |
| 4  | Noboru Takamura    | Dept. of Global Health, Medicine and Welfare, Atomic Bomb Disease Institute, Nagasaki University.<br>E-mail: takamura@nagasaki-u.ac.jp                       |
| 5  | Takashi Kudo       | Dept. of Radioisotope Medicine, Atomic Bomb Disease Institute, Nagasaki University.<br>E-mail: tkudo123@nagasaki-u.ac.jp                                     |
| 6  | Mitsuko Masutani   | Dept. of Frontier Life Science, Graduate School of Biomedical Sciences, Nagasaki University<br>E-mail: mmasutan@nagasaki-u.ac.jp                             |
| 7  | Osamu Miyazaki     | Dept. of Radiology, National Center for Child Health and Development (NCCHD)<br>E-mail: miyazaki-o@ncchd.go.jp   |
| 8  | Kazue Ishitsuka    | Dept. of General Pediatrics, National Center for Child Health and Development (NCCHD)<br>E-mail: ishitsuka-k@ncchd.go.jp                                     |
| 9  | Keiichi Akahane    | Medical Exposure Research Promotion Section, National Institute for Radiological Sciences (NIRS)<br>E-mail: akahane@nirs.go.jp                               |
| 10 | Koji Yoshida       | Education Center for Disaster Medicine, Fukushima Medical University<br>E-mail: kouji@fmu.ac.jp  |
| 11 | Jun Itami          | Dept. of Radiation Oncology, National Cancer Center (NCC) Hospital<br>E-mail: jitami@ncc.go.jp   |
| 12 | Tomohiro Matsuda   | Population-based Cancer Registry Section, Cancer Center for Cancer Control and Information Services, National Cancer Center (NCC) E-mail: tomatsud@ncc.go.jp |
| 13 | Yutaka Yamada      | RI Research Support Division, National Cancer Center (NCC) Research Institute<br>E-mail: yutyamad@ncc.go.jp  |
| 14 | Yoshiyuki Shioyama | Ion Beam Therapy Center, Saga HIMAT<br>E-mail: shioyama-yoshiyuki@saga-himat.jp  |
| 15 | Akira Nakagawara   | Saga-Ken Medical Centre Koseikan<br>Saga HIMAT<br>E-mail: nakagawara-a@koseikan.jp   |
| 16 | Hajo Zeeb          | Dept. of Prevention and Evaluation, Leibniz Institute for Prevention Research and Epidemiology -BIPS-<br>E-mail: zeeb@bips.uni-bremen.de                     |

|    |                      |  |
|----|----------------------|--|
| 17 | Steffen Dreger       | Dept.of Prevention and Evaluation, Leibniz Institute for Prevention Research and Epidemiology -BIPS-<br>E-mail: dreger@bips.uni-bremen.de                |
| 18 | Peter Scholz-Kreisel | Institute for Medical Biostatistics, Epidemiology and Informatics, (IMBEI), University Medical Center Mainz<br>E-mail: peter.scholz-kreisel@uni-mainz.de |
| 19 | Daniel Wollschläger  | Institute for Medical Biostatistics, Epidemiology and Informatics, (IMBEI), University Medical Center Mainz<br>E-mail: wollschlaeger@uni-mainz.de        |
| 20 | Georg Stamm          | Dept. of Diagnostic und Interventional Radiology, University Medical Center Goettingen<br>E-mail: georg.stamm@med.uni-goettingen.de                      |