

**International Workshop on Radiation Health Effects Research**  
**“from basic to clinical research on Chernobyl and others between Nagasaki**  
**University GCOE Program and ISTC”**  
**- 47<sup>th</sup> ISTC Japan Workshop -**



***Program***

Date: December 1 and 2, 2008

Venue: Pompe van Meerdervoort Hall,  
Nagasaki University School of Medicine

**December 1, 2008 (Monday)**

9:00

**Opening remarks**

*Shigeru Katamine, President of Nagasaki University*

**Outline of ISTC**

*Yasuhiro Yukimatsu, Deputy Executive Director of ISTC*

**Introduction of GCOE-ISTC Joint International Workshop in Nagasaki, Japan**

*Shunichi Yamashita, GCOE Program Leader, Nagasaki University*

9:45

**Keynote lecture**

History and the Present State of p53 Research

*Yoichi Taya, National University of Singapore*

10:30-13:00

**Basic Research**

Chairs: *Shunichi Yamashita and Keiji Suzuki, Nagasaki University*

Cellular and Molecular Responses to Ionizing Radiation in Normal Human Cells

*Keiji Suzuki, Nagasaki University*

Age Dependency of Radiation Lymphomagenesis in B6C3F1 Mice

*Shizuko Kakinuma, National Institute of Radiological Sciences*

The Role of Rev1 in Tumorigenesis

*Megumi Toyoshima, Hiroshima University*

Clinically Relevant Radioresistant Cells Efficiently Repair DNA Double-Strand Breaks Induced by X-rays

*Manabu Fukumoto, Tohoku University*

Chernobyl Tissue Bank; Update

*Masahiro Ito, National Hospital Organization Nagasaki Medical Center*

Comparative Morphological Analysis of Papillary Thyroid Carcinoma in Children and Adolescents Born Before and After Chernobyl Accident

*Alexander Abrosimov, Russian Endocrinological Research Center*

13:00-14:00 Lunch and Group Photo

14:00-16:00

**Epidemiological Research**

Chairs: *Yoshisada Shibata and Masahiro Nakashima, Nagasaki University*

Late Effects of Radiation on Cancer Risk among Atomic Bomb Survivors –Effects of Age at Exposure with Comparison between Those Exposed When Young and Those Exposed in Utero–

*Fumiyoshi Kasagi, Radiation Effects Research Foundation*

Risk of Thyroid Cancer among Chernobyl Emergency Workers of Russia

*Valery Kascheev, MRRC-RAMS*

The Experience of Application of Physical Instrumental Methods of Retrospective Dosimetry in the Territories Affected by Chernobyl Accident and Semipalatinsk Nuclear Tests

*Valeriy Stepanenko, MRRC-RAMS*

Somatic Gene Mutagenesis after Low Dose Radiation Exposures and Risk of Tumor Development

*Irina Zamulaeva, MRRC-RAMS*

Russian Experience of the Management of Radioactive Waste in Hospital

*Olga Mironenko, Saint Petersburg Medical Academy of Postgraduate Studies*

16:30-17:00 Intermission

17:00-18:30

Chair: *Saenko Vladimir, Nagasaki University*

Clinical Course and Results of Treatment of Sporadic and Radiation-Induced Papillary Thyroid Cancer in Children and Adolescents

*Pavel Rumyantsev, Visiting professor, Nagasaki University*

Detection of Genomic Instability in Archival Tissue Sections from Atomic Bomb (A-bomb) Survivors

*Masahiro Nakashima, Nagasaki University*

The Experience of Cytogenetical Biological Dose Indication after Acute External Irradiation

*Vladimir Nugis, Burnasyan Federal Medical Biophysical Center of the Federal Medical Biological Agency of Russia*

Discussion of future joint research on Chernobyl with all the participants

18:30-21:00 Welcome reception

**December 2, 2008 (Tuesday)**

10:00-12:00

**Clinical Research**

Chair: *Noboru Takamura, Nagasaki University*

Ultrasound characteristics of radiation-induced thyroid carcinoma following the Chernobyl accident

*Valentina Drozd, Belarusian Medical Academy of Postgraduate Education*

Nonmalignant thyroid diseases in post-Chernobyl period in Belarus

*Larisa Danilova, Belarusian Medical Academy of Postgraduate Education*

International Collaborative Studies of Malignant and Benign Thyroid Diseases in Kaluga and Bryansk Regions within 20 years

*Vladimir Parshin, MRRR-RAMS*

**Discussion of future joint research on Chernobyl with all the participants**

12:00-13:00 Lunch

13:00-16:00 Inspection on Atomic Bomb Museum and others

Further discussion on mutual agreement of academic cooperation