

Host: Nagasaki University School of Medicine • Graduate School of Biomedical Sciences and  
Julius-Maximilians-Universität Würzburg Medical Faculty • Graduate School of Life Sciences

## The 3rd Joint Symposium between Nagasaki University and Würzburg University — Advances in Comprehensive Cancer Therapy —



Venue: Nagasaki University School of Medicine  
2019

April 15 (Mon), 9:30 ~ Bauduin Lecture Hall, Ryojun Auditorium 2F  
April 16 (Tue), 9:00 ~ Bauduin Lecture Hall, Ryojun Auditorium 2F

Graduating from Universität Würzburg, Philipp Franz von Siebold came to Nagasaki in 1823, and introduced various Western cultures including the state-of-art medicine to Japan under the closed country policy except Dejima island opening to the West. Reflecting on the relations, the presidents of Nagasaki University and Universität Würzburg agreed to start medical student exchange in 1996. Since then, the academic cooperation between us has continued and expanded to graduate student and faculty member levels.

Recent developments on nuclear medicine have contributed to cancer therapy as well as diagnosis of various diseases including cancer. In addition, immunotherapy especially employing T cells against cancer has advanced over the last several years. This symposium for “**comprehensive cancer therapy**” will provide more effective and comfortable cancer therapy for each patient, because the two universities have complementary research experts, and excellent scientific achievements in this field. Especially, medical students and young researchers are encouraged to attend the symposium to obtain the **Japanese-German Graduate Externship**.



Inquiry: Medical University Research Administrator (MEDURA)  
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The 3<sup>rd</sup> joint symposium between Nagasaki University and Würzburg University  
—Advances in Comprehensive cancer therapy—

April 15 (Mon) - 16 (Tue), 2019

Venue : Bauduin Lecture Hall, Ryojun Auditorium 2F, Nagasaki University School of Medicine

April 15 (Mon)

**Opening remarks** : 9:30~

President of Nagasaki University, Shigeru Kono

Trustee and Vice-president of Nagasaki University, Isao Shimokawa

Dean of Nagasaki University School of Medicine, Takeshi Nagayasu

Dean of Faculty of Medicine, Würzburg University, Matthias Frosch

**Photograph session** : 10:15~

**Session I. Improving cancer therapy: Immunotherapy and novel drug targets** : 10:30~

Adoptive cell therapy with gene-engineered T cells for cancer patients

*(Hiroaki Ikeda)*

Cancer immunotherapy harnessing PD-1 immune checkpoint inhibitors and  $\gamma\delta$  T cells

*(Yoshimasa Tanaka)*

Targeted therapy using novel immunotherapeutic strategies

*(Thomas Bumm)*

Immune checkpoint inhibitors - current and future use in thoracic tumors

*(Rainer Leyh)*

**Lunch (in Horaiken)** : 12:00~

14:00~

Mitochondrial respiratory chain as a drug target of cancer cells

*(Kiyoshi Kita)*

Inflammation-related microRNAs regulate neutrophilic functions at *S. aureus*-infected skin wound sites

*(Ryoichi Mori)*

Short presentations by young researchers (call for papers)

**Session II. Mechanism of radiation-induced cancer, and improving the effectiveness of radionuclide therapy** : 14:50~

Genetic alterations in thyroid cancers in Fukushima

*(Norisato Mitsutake)*

Radiation induced thyroid cancer - lessons learned

*(Christoph Reiners)*

**Coffee break**

15:40~

Recovery efforts from the nuclear disaster: Models in Kawauchi village and Tomioka town

*(Noboru Takamura)*

Biological radiosensitization for cancer therapy

*(Mitsuko Masutani)*

Long term effects of A-bomb radiation on hematopoiesis

*(Yasushi Miyazaki)*

Short presentations by young researchers (call for papers)

**Welcome Party** (19:00~, at Hotel New Nagasaki)

April 16 (Tue)

**Session III. Contribution of imaging and radionuclide therapy to precision oncology : 9:00~**

Imaging diagnosis and chemoradiation for lung cancer

*(Kazuto Ashizawa)*

Dual source-CT for assessment of bone marrow infiltration in hematological neoplasms

*(Thorsten Bley)*

Chemical shift MR imaging in differentiating hematopoietic bone marrow hyperplasia from intertrabecular metastasis

*(Masataka Uetani)*

PET/CT and PET/MR imaging for monitoring response to treatment and target definition

*(Andreas Buck)*

Radioisotope therapy: present condition in Japan and hurdle to be solved

*(Takashi Kudo)*

Nuclear Medicine for oncology: present condition in Japan and hurdle to be solved

*(Takahiro Higuchi)*

Short presentations by young researchers (call for papers)

**Coffee break**

**Session IV. Stem cells - use in comprehensive cancer therapy : 11:00~**

Stem cell and cancer progress

*(Tao-sheng Li)*

Translational Study on Effective-Mononuclear Cell (E-MNC) Therapy for Radiation Injured Salivary Glands

*(Yoshinori Sumita)*

Tissue-specific vascular wall-resident stem cells and stem cell based micro-organoid models

*(Süleyman Ergün)*

Short presentations by young researchers (call for papers)

**Lunch : 12:00~**

**Session V. Improving Palliative care : 13:00~**

Current status and future perspective of team medicine in palliative care

*(Koji Ishii)*

Palliative care in Germany

*(Jürgen Deckert)*

Short presentations by young researchers (call for papers)

**Coffee break**

**Further collaboration between Nagasaki and Würzburg Universities to found Japanese-German Graduate Externship : 14:00~**

Philipp Franz von Siebold's youth in Würzburg and his first stay in Nagasaki

-Known facts and new findings-

*(Andreas Mettenleiter)*

Setup of co-education programs shared by the two universities

*(Barbara Moll and Yuko Kusumoto)*

Roadmap for Japanese-German Graduate Externship

*(Hideki Hayashi)*

Roadmap for Japanese-German Graduate Externship

*(Jürgen Deckert)*

**Closing remarks : 15:00~**

Dean of Graduate School of Biomedical Sciences, Nagasaki University, Atsushi Kawakami

Dean of Faculty of Medicine, Würzburg University, Matthias Frosch