Speakers and chairs

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PD Dr. Otfried Grün
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Professor Angelika Schmickel, PhD
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Professor Dr. Paolo Lugli
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Fees

free
Dear colleagues, dear friends,

It is our great pleasure to invite you to the first TranslaTUM Symposium on “Interdisciplinary Cancer Research” to be held on September 16-17, 2016 at the Klinikum rechts der Isar, Campus at the Technical University of Munich (TUM) in Munich. TranslaTUM is currently being set up as new integrative TUM cancer research center that links biomedicine and tumorbio-

logy with engineering, chemistry, physics and life sciences. To this end, a new dedicated research building will be comple-
ted at the Klinikum rechts der Isar by the end of 2016, which will be operational by mid-2017. The center’s mission is to stimulate interdisciplinary research in oncology and to exploit technological advances within the academic strength of TUM, to contribute to the improvement of diagnosis and treatment of cancer patients. The new research infrastructure at the hospital campus will support rapid translation of novel knowledge and technology into patient care.

In order to introduce the scientific program of the first generation of TranslaTUM investigators we organized this 1 and ½ days symposium on “Interdisciplinary Cancer Research”. In addition, keynote lectures will be delivered by a group of internationally renowned scientists, which serve as members of an external scientific advisory board and additional invited leaders in oncology. The combination of talks by the future TranslaTUM faculty and outside experts in oncology will set the stage for a successful start of TranslaTUM research program.

The meeting will be held during the first weekend of the Oktoberfest. So, apart from participating in exciting scientific discussions, you will have the opportunity to enjoy the festivities associated with this famous Bavarian festival. We very much hope to see you at this special event in September.

Monday, September 19th 2016

08.30 – 08.50
Welcome

Dieter Saur

08.50 – 09.10
“Einsteinstraße/Klinikum rechts der Isar”

Florian Bassermann

09.10 – 09.30
Guided tour construction site TranslaTUM

09.30 – 09.50
The ubiquitin proteasome system - implication in the pathogenesis, evolution and therapy of B-cell malignancies

Poul Sorenson, Vancouver

09.50 – 10.30
Translational Oncology at NCT Charité von Kalle, Halle/Saale

10.30 – 11.00
Break

11.00 – 11.40
Inflammatory gene expression in patients with glioma

Jürgen Ruland

11.40 – 12.00
Autoimmunity and Lymphomagenesis

Elizabeth M. C. Hillman, New York

12.00 – 12.20
Future Anti-Cancer Targets: Putting the Carts Before the Horses?

Tak W. Mak, Toronto

12.20 – 12.40
Network biology and data integration in multi-scale optoacoustic imaging of tumor growth in mice

Fabian Theis

12.40 – 13.20
Multi-scale optoacoustic imaging of tumor growth in patients with glioma

Björn Menze

13.30 – 14.30
Lunch

14.30
Guided tour construction site TranslaTUM

Directions:

Public transportation

Underground lines U4 and U5
Bus Lines 148, 190, 191
Tram Lines 16, 19, 25

Please get off at “Max-Weber-Platz” and follow the signs “Einsteinstraße” and “Einsteinstraße/Klinikum rechts der Isar”.

Friday, September 16th 2016

12.30
Guided tour construction site TranslaTUM

13.00 – 13.30
Registration

Chair: Ernst Rummey, Christian Peschel

14.00 – 14.40
Convergence research to decipher human cancer

Ralph Weissleder, Boston

14.40 – 15.00
Aberrant Immune Receptor Signals in Cancer

Jürgen Ruland

15.00 – 15.20
Targeting Pancreatic Cancer and its Microenvironment

Roland Rad

15.20 – 15.40
CRISPR- and transposon-based approaches for high-throughput functional cancer genomics in mice

Roland Rad

15.40 – 16.10
Break

16.10 – 16.50
Inflammation and stress: Lessons from acute microenvironmental stress mechanisms and their implication in the pathogenesis, evolution and therapy of B-cell malignancies

Olaf Groß

16.50 – 17.10
Image-based modeling of tumor growth in patients with glioma

Dirk Busch

17.10 – 17.30
Adaptive T cell therapy

17.30 – 17.50

Saturday, September 17th 2016

08.30 – 08.50
From morphology to whole genomes – translational pathology in the era of precision oncology

Riko Roachert

08.50 – 09.10
The ubiquitin proteasome system - implication in the pathogenesis, evolution and therapy of B-cell malignancies

Poul Sorenson, Vancouver

09.10 – 09.30
Targeting membrane Hsp70 for tumor-specific in vivo imaging and theranostics

Gailen Mattullo

09.30 – 09.50
Aberrant NF-κB Activation in Autoimmunity and Lymphomagenesis

Marc Schmidt-Supprian

09.50 – 10.30
Translational Oncology at NCT Charité von Kalle, Halle/Saale

10.30 – 11.00
Break

11.00 – 11.40
Selective mRNA translation in cancer cells facilitates their adaptation to acute microenvironmental stress

Peter Sonksen, Vancouver

11.40 – 12.00
Inflammamsores: sensing danger and driving inflammation

12.00 – 12.20
Network biology and data integration in population cohorts

Färcan Thare

12.20 – 12.40
Multi-scale optoacoustic imaging of tumor dynamics and treatment monitoring

Daniel Razansky

12.40 – 13.20
Future Anti-Cancer Targets: Putting the Carts Before the Horses?

Tak W. Mak, Toronto

13.30 – 14.30
Lunch

14.30
Guided tour construction site TranslaTUM