

Speakers

Emmanouil Fokas

Department of Radiooncology
Goethe University Hospital
Frankfurt, Germany

Katrin Lamszus

Department of Neurosurgery
University Medical Center Hamburg-Eppendorf
Hamburg, Germany

Valter D. Longo

Department of Biological Sciences
School of Gerontology
Longevity Institute
University of Southern California
Los Angeles, USA

Alessio Nencioni

Department of Internal Medicine
University of Genoa, Italy

Christiane Opitz

Department of Neurology, University Hospital
National Center for Tumor Diseases
Heidelberg, Germany

Johannes Rieger

Interdisciplinary Section of Neurooncology
University Hospital
Tuebingen, Germany

Michael W. Ronellenfitch

Dr. Senckenberg Institute of Neurooncology
Goethe University Hospital
Frankfurt, Germany

Adrienne C. Scheck

Barrow Brain Tumor Research Center
Barrow Neurological Institute
Phoenix, USA

Venue

Lecture Room 22-2
University Hospital Frankfurt
Theodor-Stern-Kai 7
60590 Frankfurt/Main

Registration

Participation is free, but we ask
you to register by sending a mail to
neuroonkologie@kgu.de

Details und Updates

www.kgu.de/neuroonkologie

Organization

Joachim P. Steinbach
Hertie-Professor of Neurooncology
Head, Department of Neurooncology
Chair, Center for Neurooncology
University Hospital Frankfurt
neuroonkologie@kgu.de

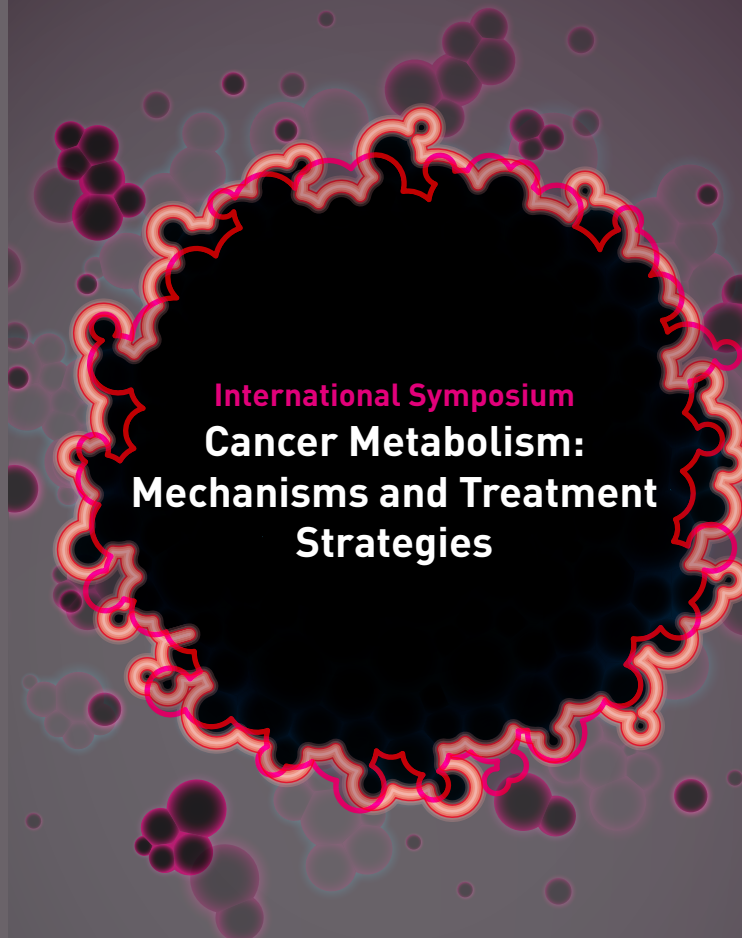
Scientific Committee

F. Greten, C. Rödel, C. Brandts, P. Harter, J. Rieger,
M. Ronellenfitch, V. Seifert, J. Steinbach

Local OK

M. Ronellenfitch, E. Mueller, J. Steinbach

Friedrich-Merz-Gastprofessur 2016



International Symposium Cancer Metabolism: Mechanisms and Treatment Strategies

November 23rd, 2016

9.30 am - 5.30 pm

University Hospital
Frankfurt, Germany



Deutsches Konsortium für
Translationale Krebsforschung

Introduction

Dear colleagues,

We would like to invite you to the International Symposium „Cancer Metabolism: mechanisms and treatment strategies”, to take place on November 23rd, 2016, at the University Hospital Frankfurt, Germany.

The key note lecture will feature Valter D. Longo, this year's recipient of the Friedrich-Merz-Guest-Professorship of the Goethe University Frankfurt.

He and the other expert speakers will discuss recent progress in understanding cancer metabolism in general, and glioma metabolism, in particular. There will be a focus on mechanisms, models and clinical applications of altered nutrition, including ketogenic diet, cyclic fasting and fasting-mimicking diets. The recently discovered impact of nutritional interventions on immune anti-tumor responses will be a special highlight.

Future research directions and applications of nutritional interventions will be explored in a round-table panel discussion at the end of the conference.

We are looking forward towards a stimulating conference and hope to see you in Frankfurt.

With cordial greetings,

Joachim P. Steinbach,
on behalf of the organizers

Program

Cancer Metabolism: Mechanisms and Treatment Strategies

- 9.30 am **Welcome Address from the Vice President of the Goethe University Frankfurt**
Manfred Schubert-Zsilavec, Frankfurt
- 9.40 am **Welcome Address from Merz Pharma AG**
Stefan Albrecht, Frankfurt
- 9.45 am **Introduction from the Director of the University Cancer Center Frankfurt**
C. Brandts, Frankfurt

Session 1 Metabolic Alterations in Gliomas

Chairs: Patrick Harter

- 10.00 am **Tryptophan Metabolism as a Target for Glioma Therapies**
Christiane Opitz, Heidelberg
- 10.30 am **Alterations of Glucose Metabolism in Glioma Cells**
Katrin Lamszus, Hamburg
- 11.15 am Coffee Break
- Keynote Lecture**
Friedrich Merz Guest Professorship Lecture
Chairs: Claus Rödel/Karl-Heinz Plate
- 11.30 am **Starvation-dependent Differential Stress Resistance and Sensitization in Cancer Treatment**
Valter Longo, Los Angeles
- 12.30 pm Lunch Break and Press Conference

Session 2 Molecular Mechanisms of Starvation Signaling in Cancer

Chairs: Florian Greten

- 1.30 pm **Fasting Plus Tyrosine Kinase Inhibitors in Cancer**
Alessio Nencioni, Genoa
- 2.15 pm **Starvation Signaling and Resistance Towards Kinase Inhibitors**
Michael Ronellenfitsch, Frankfurt
- 2.45 pm **The Anti-malarial Atovaquone Increases Radiosensitivity by Alleviating Tumour Hypoxia**
Emmanouil Fokas, Frankfurt
- 3.15 pm Coffee Break

Session 3 Applications for Metabolic Targeted Therapies

Chairs: Volker Seifert/Wilfried Roth

- 3.30 pm **Clinical Application of Dietary Concepts in Brain Tumor Patients: The ERGO Studies**
Johannes Rieger, Tuebingen/Frankfurt
- 4.15 pm **Altering Metabolism for the Therapy of Glioma and other Cancers**
Adrienne Scheck, Phoenix
- 5.00 pm **Panel Discussion: Future Strategies for metabolically targeted therapies**
(Discussants: V. Longo, A. Scheck, J. Rieger, J. Steinbach)
- 5.30 pm **Concluding Remarks and Adjourn**
Joachim Steinbach, Frankfurt