

About the CBTM

The Center of Biomedicine and Medical Technology Mannheim (CBTM) was founded in early 2007 as the preclinical institute responsible for research and teaching in Anatomy, Biochemistry and Physiology. Instead of establishing separate institutes, the Medical Faculty Mannheim decided deliberately to merge the eight preclinical departments together with three theoretical-clinical departments within the CBTM, thereby fostering basic and translational biomedical research in Mannheim.

On November the 10th the CBTM celebrates its 10th anniversary with a scientific symposium. The day features keynote speakers and presentations of ongoing research at the CBTM.

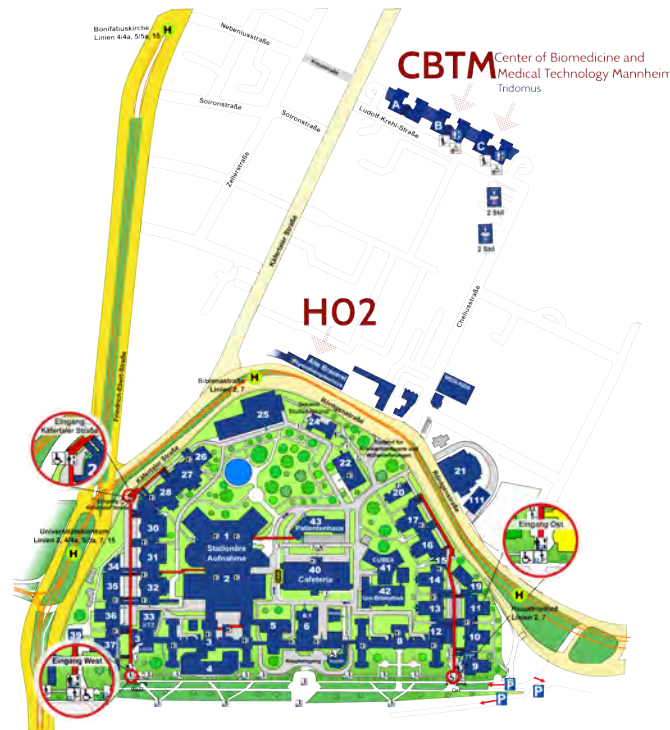
Venue

The symposium will be held at the auditorium of the Medical Faculty Mannheim, Hörsaal H02, Alte Brauerei, Röntgenstr. 7, 68167 Mannheim starting at 10 am with the welcoming address of the Dean.

The campus is easily accessible by public transport. Entrance to the venue is through the courtyard.

Contact

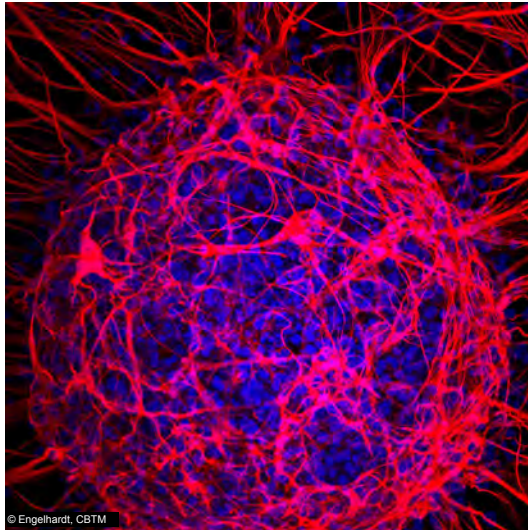
Stefan Gorbey
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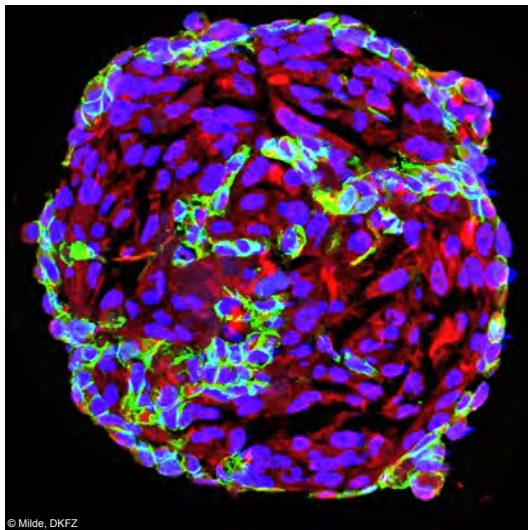
ANNIVERSARY SYMPOSIUM

10. November 2017
10:00 - 17:00

Alte Brauerei
H02, Röntgenstrasse 7



Neurosphere derived from hippocampal neuronal cells. Cell nuclei in blue and glial progenitor cells in red.



3D Spheroid from endothelial cells (green) and pericytes (red) as a model of the cancer microenvironment.

Program schedule

10:00 - 10:20 Welcome Address

Dean of the Faculty Prof. S. Goerdt
CBTM Director Prof. R.-D. Treede

Morning Session: Neuronal Plasticity

Chair: M. Platten

10:20 - 10:55 David Bennett, Oxford, UK

A multi-modal approach to understanding painful diabetic neuropathy from gene mutations to brain imaging.

10:55 - 11:20 Rolf-Detlef Treede, CBTM

Gain control in the nociceptive system by central sensitisation.

11:20 - 11:45 Christian Schultz, CBTM

Plasticity of the axon initial segment.

Coffee Break

12:00 - 12:35 Rohini Kuner, Heidelberg

Why time does not heal all wounds: plasticity as a basis of chronic pain.

12:35 - 13:00 Martin Schmelz, UMM

Nociceptive discharge is limited by axonal filtering.

13:00 - 13:45 Lunch

Afternoon Session: Cancer Progression and Metastasis

Chair: G. Stoecklin

13:45 - 14:20 Gabriele Bergers, Leuven, BE

Targeting the tumor vasculature: from vessel destruction to construction.

14:20 - 14:45 Heike Allgayer, CBTM

Defining the microRNA landscape relevant for colorectal cancer metastasis.

14:45 - 15:10 Jonathan Sleeman, CBTM & KIT

Microenvironmental regulation of metastasis.

Coffee Break

15:35 - 16:10 Andreas Trumpp, DKFZ

Stem cell features during normal physiology and cancer.

16:10 - 16:35 Adelheid Cerwenka, CBTM

Harnessing innate immunity against cancer.

16:35 - 17:00 Hellmut Augustin, CBTM & DKFZ

Vascular control of tumor progression and metastasis.

17:00 Come Together