

UniversitätsTumorZentrum (UTC) Jena
Leibniz Institute for Age Research
– Fritz Lipmann Institute (FLI)
Jena School of Molecular Medicine
Jena Graduate Academy

2nd POSTGRADUATE SYMPOSIUM on Cancer Research

Saturday, April 24, 2010
Altes Schloss Dornburg (Kaisersaal)

Sponsored by:

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ORGANIZATION

Interdisciplinary Center for Clinical Research (IZKF), Jena University Hospital

in collaboration with

UniversitätsTumorZentrum (UTC) Jena
Leibniz Institute for Age Research - Fritz Lipmann Institute
Jena School of Molecular Medicine
Jena Graduate Academy

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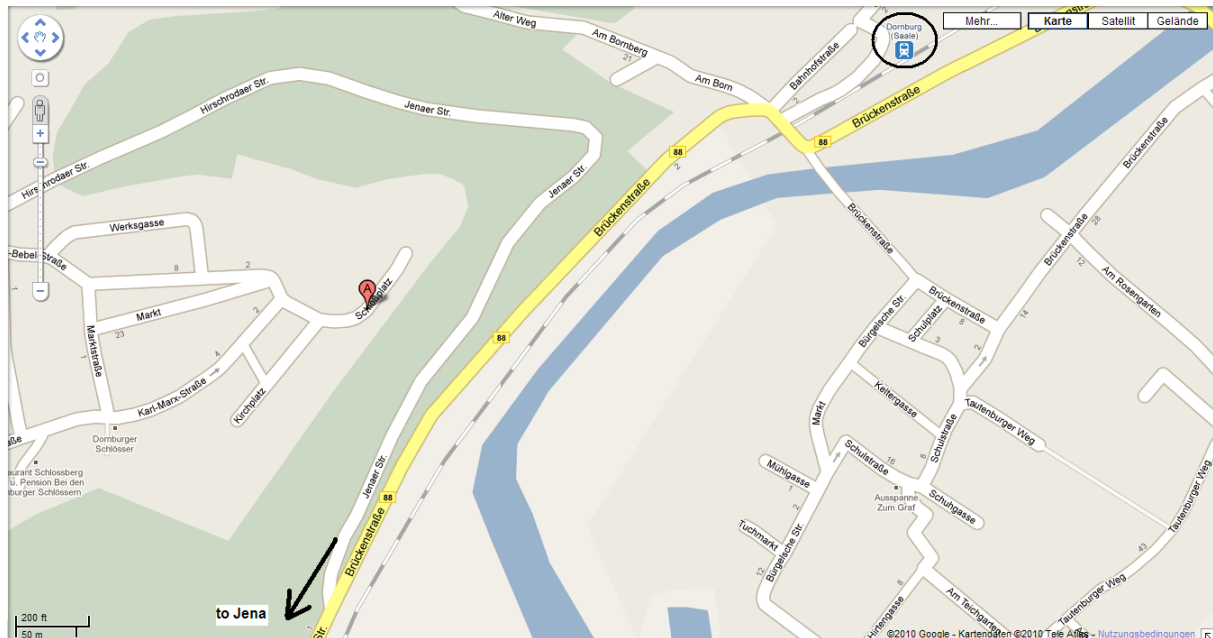
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SCIENTIFIC COMMITTEE

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Settmacher, Utz
Stallmach, Andreas
von Eggeling, Ferdinand
Wang, Zhao-Qi
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LOCATION

Kaisersaal, Altes Schloss Dornburg



TRAVELLING

By train:

Take the regional train from Jena-Paradies to Dornburg (Saale).

See following link to check the schedule:

<http://vmt.hafas.de>

By car (from Jena):

Take B88, slight left at Jenaer Str./L2303 with sign for Dornburg, turn left at August-Bebel-Straße, slight left at Markt and continue onto Schloßplatz.
(Give Schloßplatz, 07778 Camburg, Germany to your navigation system.)

Ein Antrag auf Anerkennung als ärztliche Fortbildungsveranstaltung im Rahmen des Fortbildungszertifikats der Landesärztekammer Thüringen wurde gestellt

PROGRAM

- 8:00 **Registration**
- 9:15 **Welcome address**
Prof. Dr. Otto Witte, Chairman of the Interdisciplinary Center for Clinical Research (IZKF), Jena University Hospital, Friedrich Schiller University

Prof. Dr. Utz Settmacher, Director of the University Tumor Center (UTC) Jena, and Director of the Clinic of General, Visceral and Vascular Surgery
- 9:30 **Session 1: Biomarkers in cancer diagnostics, prognosis and therapy**
Chairs: Iver Petersen, Tiantian Cui, Orlando Guntinas-Lichius
1. Predictive serum markers for TKI-therapy response in kidney cancer patients
Martina Walter, Department of Urology, UKJ
 2. Identification of a new splice variant of the Coxsackie Adenovirus Receptor (CAR) up-regulated in advanced cervical carcinomas
Marit Dietel, Clinic of Gynaecology, UKJ
 3. Detection of HPV45 E7 oncoprotein in cervical scrapes
Sebastian Hölters, Clinic of Gynaecology, UKJ
 4. Characterization of desmocollin 3 in human lung cancer
Tian-Tian Cui, Institute of Pathology, UKJ
 5. Expression of coagulation factors and the role of thrombin in human glioma
Tobias Kratzsch, Clinic of Neurosurgery, UKJ
 6. Establishing a highly sensitive and specific assay for quantifying circulating tumour cells in patients with cervical carcinoma
Pfitzner, Claudia, Clinic of Gynaecology, UKJ (presented by Norman Häfner)
 7. Clinicopathological analysis of patients with bone marrow biopsies
Sophie Hehne, Institute of Pathology, UKJ
 8. The Jena soft tumor registry: clinicopathological analysis of a two year period
Bianka Günther, Institute of Pathology, UKJ
- 11:00 **Break**

11:30

Session 2: Cell-cell interaction and microenvironment

Chairs: Kerstin Junker, Julia Schulte, Alexander Berndt

9. P-Glycoprotein expression in multicellular tumor spheroids is regulated via modulation of the intracellular redox state
Madelaine Richter, KIM I, UKJ
10. Correlative analysis of activated stroma and EMT markers in urothelial carcinoma of the urinary bladder (UBC)
Julia Schulte, Institute of Pathology, UKJ
11. Tumor-stroma cell interaction induces expression alterations in renal cell carcinoma
Anne Weiland, Department of Urology, UKJ
12. Vascular Tenascin-C and Fibronectin in RCC - targets for angiogenesis related drug delivery
Kerstin Galler, Institute of Pathology, UKJ
13. Immunohistochemical evaluation of ADAM23, GPNMB, and FAP in tumours – targets for antibody based pharmacodelivery?
Doreen Kandraschow, Institute of Pathology, UKJ
14. Aromatase induction in human preadipocytes by retinoids
Jan Wilde, Institute for Biochemistry II, UKJ

12:30

Lunch Snack

13:30

Poster Session I: Tumor genetics and imaging

Chairs: Jürgen Popp, Kathleen Wilhelm, Joachim Clement

15. Fanconi anemia as model for mapping of rarely observable FS
Kathleen Wilhelm, Institute of Human Genetics, UKJ
16. Different microRNA expression pattern based on enriched miRNA and total RNA in ccRCC
Joana Heinzelmann, Department of Urology, UKJ
17. Association of gain of 20q with metastasis in renal cell carcinoma
Sophie Matthes, Department of Urology, UKJ
18. Gain of 7q36 correlates with patient's outcome with renal cell carcinomas
Maria Sternal, Department of Urology, UKJ
19. Characterisation of epitheloid haemangioendothelioma with a new Interphase-FISH-Test
Cornelius Wölfel, Institute of Pathology, UKJ

20. Investigation of brain tissue by nonlinear microscopy
Tobias Meyer, Institute of Physical Chemistry, FSU Jena
21. Raman spectroscopic investigations of cytostatic effects in breast cancer cells
Melanie Putsche, Institute of Physical Chemistry, FSU Jena
22. Towards Raman spectroscopy for in vivo tumor diagnosis in neurosurgery
Norbert Bergner, Institute of Physical Chemistry, FSU Jena

Poster Session II: Cell biology

Chairs: Matthias Dürst, Laura Perucho, Yuan Chen

23. Do cancer cells mimic stem cells to be immortal
Laura Perucho, Leibniz Institute for Age Research Fritz-Lipmann Institute (FLI), Jena
24. Expression alterations by co-cultivation of tumour-associated fibroblasts (TAF) and bladder carcinoma cells
Astrid Enkelmann, Department of Urology, UKJ
25. Tumor-associated fibroblasts enhance migration and invasiveness of bladder carcinoma cells
Susanne Grimm, Institute of Biochemistry II, UKJ
26. A glycosylated recombinant EMMPRIN domain as a tool for the investigation of tumor-stroma-signalling
Nadine Knutti, Institute of Biochemistry II, UKJ
27. The protein-tyrosine phosphatase DEP-1/PTPRJ is a negative regulator of meningioma cell motility
Astrid Petermann, Daniela Haase, Institute of Molecular Cell Biology, FSU Jena
28. Distribution of leukocyte subpopulations after short-term application of magnetic core-shell-nanoparticles
B. Müller, KIM II, UKJ
29. Complex expression control of MMP-1 in colorectal carcinoma by joint activities of transcription factors STAT3 and AP-1
Josephine Gasch, Institute of Biochemistry II, UKJ
30. The Rosetta-Stone hypothesis: revealing putative functions to uncharacterized proteins
Sonnhild Mittag, Institute of Biochemistry II, UKJ

Poster Session III: Biomarkers

Chairs: Ferdinand von Eggeling, Christian Heinze, Thomas Knösel

31. Human complement factor H is a novel diagnostic marker for lung adenocarcinoma

Tian-Tian Cui, Institute of Pathology, UKJ

32. Inactivation of desmoplakin by DNA hypermethylation in human lung cancer

Lin-Lin Yang, Institute of Pathology, UKJ

33. Epidemiology of Hodgkin's Lymphoma in Jena

Barbara-Magdalena Etzel, Institute of Pathology, UKJ

34. LCD-array for molecular diagnosis of Synovial Sarcoma

Firas-Subhi Salah, Institute of Pathology, UKJ

35. Protein profiling of metastatic and non-metastatic renal cell carcinomas

Christian Heinze, Department of Urology, UKJ

36. Onkofetal tenascin-C variants: surveillance markers for patients with urinary bladder carcinoma (UBC)?

Thomas Gecks, Institute of Pathology, UKJ

37. Downregulation of Desmocollin 1 and CDX2 is associated with a shorter patients survival in colorectal cancer patients

Stefanie Hotovy, Institute of Pathology, UKJ

38. Clinicopathological analysis of lung and thoracic tumors based on data from the Jena soft tumor registry 2006/2007

Kathrin Mildner, Institute of Pathology, UKJ

15:00

Session 3: Tumor genetics, epigenetics and imaging

Chairs: Otmar Huber, Anna Bremer, Thomas Liehr

39. Genetic of neuroendocrine tumors and the detection of the primary in CUP-Syndrome using gene expression analysis

Nicole Posorski, Institute of Human Genetics, UKJ

40. Interphase-FISH 1q21 for definition of metastatic potential in renal cell carcinoma

Doriana Sava, Department of Urology, UKJ

41. Identification of metastasis-associated DNA-methylation patterns in the stroma of primary cervical carcinomas

Daniel Steinbach, Clinic of Gynaecology, UKJ

42. The oncomir miR-155 stimulates translation into the proliferation promoting C/EBP β -LIP in cancer
Anna Bremer, Fritz Lipmann Institute - Leibniz Institute for Age Research, Jena
43. The expression of histone deacetylase 4 is associated with poor prednisolone response in childhood acute lymphoblastic leukaemia
Thomas Naumann, Children's Hospital, UKJ
44. Ultra-wideband sensor technology – An opportunity in cancer diagnosis?
Christiane Geyer, Institute of Diagnostic and Interventional Radiology, UKJ
45. Can CCK2/gastrin receptor positive tumors be imaged with minigastrin-based optical tracers?
Susanne Kossatz, Institute of Diagnostic and Interventional Radiology, UKJ
46. Investigation of basal cell carcinoma using multidimodal imaging
Nadine Vogler, Institute of Physical Chemistry, FSU Jena

16:30 **Break**

17:00 **Session 4: Tumor cell signalling and regulation**
Chairs: Karlheinz Friedrich, Susanne Köthe, Cornelius Calkhoven

47. Role of RAS-activation in FLT3-dependent transformation
Susanne Köthe, Institute of Molecular Cell Biology, FSU Jena
48. Role of S100A11 in cell cycle regulation mediating p21 stability
Nicole Teichmann, Institute of Human Genetics, UKJ
49. Fatty acid synthase as a novel target for meningioma therapy
Stefan Schmidl, Institute of Neuropathology, UK Magdeburg
50. Ligand-selective interaction pattern of the human androgen receptor in prostate cancer
Thomas Linke, Institute of Human Genetics, UKJ
51. Atraric acid: a natural prostate cancer inhibitor
Daniela Roell, Institute of Human Genetics, UKJ

18:30 **Dinner/Awards**

There will be awards for the best oral and poster presentations (in total 4).

Awards will be given in remembrance of Prof. Dr. Herbert Hartmann.