



SFB/TR 209 LIVER CANCER

New mechanistic and therapeutic concepts in a solid tumor model

Dear SFB/TR 209 - members,

This is the first newsletter of our new SFB. It is a great pleasure after the long application period and the successful review to see our SFB gaining momentum since its start in July. All projects have started by now, the local structures are up and running, meeting dates are set, and the SFB has already received national and international recognition.

We have planned to provide the newsletter on a regular basis, three times a year in order to summarize the latest events and to keep everybody updated. Naturally the first one cannot be as voluminous as we want to see it in the third year as projects are just starting. Please keep us updated about the developments and achievements. It is just a brief Email with Dr. Woll in cc...

For now we remain with our best regards, wishing you all a great, peaceful and relaxing Christmas time and all the best for the new year.

Yours,



P. Schirmacher



N. Malek



M. P. Manns

LATEST NEWS

LOGO

The decision has been made – the logo designed by S. Fillinger (INF project) has been accepted unanimously by the board and should be used for all official purposes, including talks, posters and other presentations related to the SFB. The logo will be attached to the email and provided in all formats and at any time by K. Woll.



HOMEPAGE

After deciding to cooperate with the company “Brandherde” for the homepage design we are currently working on its implementation. Just be patient, we will keep you updated about the progress...

Just a little glimpse:



Liver Cancer – Short Summary Lorem ipsum

One morning, when Gregor Samsa woke from troubled dreams, he found himself transformed in his bed into a horrible vermin. He lay on his armour-like back, and if he lifted his head a little he could see his brown belly, slightly domed and divided by arches into stiff sections. The bedding was hardly able to cover it and seemed ready to slide off any moment. His many legs, pitifully thin compared with the size of the rest of him, waved about helplessly as he looked. „What’s happened to me?” he thought. It wasn’t a dream. His room, a proper human room although a little too small, lay peacefully between its four familiar walls. A collection of textile samples lay spread out on the table - Samsa was a travelling salesman - and above it there hung a picture that he had recently cut out of an illustrated magazine and housed in a nice, gilded frame. It showed a lady fitted out with a fur hat and fur boa who sat upright, raising a heavy fur muff that covered the whole of her lower arm towards the viewer.

NEWS

LECTURE BY PROF. ANONYMOUS

January 31, 2018, 1 p.m.
Prof. Anonymous de la Frida, Madrid:
Deep-superficial organization of ...

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SCIENCE

LIVER CANCER – THE CHALLENGE

Liver cancer comprises Hepatocellular Carcinoma (HCC), Intrahepatic Cholangiocarcinoma (ICC) and ...

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PEOPLE

THE SFB/TR209 MEMBER PROFILES

Principal Investigators, Associated Members, Administration. The Profile of ...

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TEAM



EVENTS

7TH CMR MEMBER MEETING



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GENDER ISSUES

We are pleased to support two of our female project leaders with child daycare. By providing extra money from the gender budget the day care of their children is extended beyond the local standard hours of operation of the school. Furthermore, timely work support by HiWis is planned for another young mother. Please let us know about your respective needs.

RECRUITMENTS



Thomas Longerich, MD is a diagnostic pathologist and liver cancer researcher and has been recruited as W3 Professor of General Pathology and Head of the Division Translational Gastrointestinal Pathology, Deputy Director of the Department of General Pathology at the University Hospital Heidelberg and started September 1st 2017.

Having graduated from Medical school at the University of Cologne in 2003 Dr. Longerich received his training in Pathology in Cologne and Heidelberg. After being board certified in 2009, Dr. Longerich became consultant histopathologist in 2010. In 2014 he became Professor of Oncological Pathology at the University Hospital RWTH Aachen, where he initiated the Center for Next Generation Sequencing Diagnostics and became deputy director of the Institute of Pathology. In 2017 Dr. Longerich accepted the appointment as Professor of General Pathology at the University Hospital Heidelberg and is currently implementing a concept for precision medicine of hepatobiliary cancer at the Liver Cancer Center Heidelberg (LCCH).

Since 2007 Dr. Longerich is an independent research group leader and his basic research interest is the molecular pathogenesis of liver cancer. His team focuses on comprehensive profiling, functional inactivation of p53, and recently cellular plasticity of liver cancer cells. He is considered an expert in murine liver cancer models and was involved in many seminal studies using transgenic or chimeric mouse models for the studying of liver cancer.

Stephan Singer (project B04) has been recruited as a W2 Professor of General Pathology at the University Hospital in Greifswald. He started his new employment as the Deputy Director of the Department of General Pathology there on December 1st 2017 and it is planned that he will continue his SFB/TR 209 project (B04) for another year.

GEROK-STIPENDS

We are happy to announce the first Gerok-Stipendiaries of the SFB/TR 209. In Heidelberg K. Holzer and S. Fischer received three months of release from daily routine work to focus on their research projects in the context of the SFB/TR 209.

The Gerok-Stipends in Hannover and Tübingen will be implemented soon. For the first 16 months of our funding

period the joint Gerok-stipend position of the SFB will be allocated in Tübingen. The first candidate is Dr. Karsten Büringer and he will introduce himself in the next issue of our newsletter.

All stipendiaries and their projects will be introduced in the next newsletter.

SEMINAR SERIES

Heidelberg:

13. November 2017

Prof. Dr. J. McKeating (Institute of Immunology and Immunotherapy, University Birmingham, Oxford)

"Hypoxia inducible factors - a new player in viral hepatitis and liver pathogenesis"

29. January 2018

Dr. A. Saborowski (Gastroenterology MHH Hannover)

"Cancer cell-derived stroma-modulating factors in cholangio-carcinoma"

SAVE THE DATE

Our first annual retreat will take place at the Bäderpark-Hotel in Fulda-Künzell on **11.th + 12.th of JUNE 2018**. Please keep those two days reserved for your participation!!

UPCOMING CONFERENCES

GI-ASCO: 18.-20.01.2018, San Francisco

GASL: 26./27.01.2018, Hamburg

DKK: 21.-24.02.2018, Berlin

APASL: 14.-18.03.2018, New Delhi

AACR: 14.-18.04.2018, Chicago

ILC: 11.-15.04.2018, Paris

DGP: 24.-26.05.2018, Berlin

ASCO: 01.-05.06.2018, Chicago

Hep Net: 29./30.06.2018, Hannover

EACR: 20.06.-03.07.2018, Amsterdam; Abstract Submission: 02.11.-28.02.2018

ILCA: 14.-16.09.2018, London

ESMO: 19.-23.10.2018, Munich

AASLD: 11/2018, not final, USA

DGVS: 12.-15.09.2018, Munich

GASL and FALK Workshop: 21.-23.02.2019 in Heidelberg (Bartenschlager/Heikenwälder organisation)

7. Interdisziplinären Symposiums "Primäre Leberkarzinome": 09.03.2019, Berlin

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RECENT TOP PUBLICATIONS

Project A04

Boege Y, Malehmir M, Healy ME, Bettermann K, Lorentzen A, Vucur M, Ahuja AK, Böhm F, Mertens JC, Shimizu Y, Frick L, Remouchamps C, Mutreja K, Kähne T, Sundaravinayagam D, Wolf MJ, Rehrauer H, Koppe C, Speicher T, Padrisa-Altés S, Maire R, Schattenberg JM, Jeong JS, Liu L, Zwirner S, Boger R, Hüser N, Davis RJ, Müllhaupt B, Moch H, Schulze-Bergkamen H, Clavien PA, Werner S, Borsig L, Luther SA, Jost PJ, Weinlich R, Unger K, Behrens A, Hillert L, Dillon C, Di Virgilio M, Wallach D, Dejardin E, **Zender L**, Naumann M, Walczak H, Green DR, Lopes M, Lavrik I, Luedde T, **Heikenwalder M**, Weber A. (2017) A Dual Role of Caspase-8 in Triggering and Sensing Proliferation-Associated DNA Damage, a Key Determinant of Liver Cancer Development. *Cancer Cell* 32(3):342-359.e10.

Heikenwälder M, Pikarsky E. (2017) Learning the Roles of the Hepatic Adaptive Immune System in Hepatocellular Carcinoma-Nature's Guide for Successful Cancer Immunotherapy. *Semin Liver Dis.* 37(3):210-218. doi: 10.1055/s-0037-1606255.

Project B02

Bakula D, Müller AJ, Zuleger T, Takacs Z, Franz-Wachtel M, Thost AK, Brigger D, Tschan MP, Frickey T, Robenek H, Macek B, **Proikas-Cezanne T**. (2017) WIPI3 and WIPI4 β -propellers are scaffolds for LKB1-AMPK-TSC signalling circuits in the control of autophagy. *Nat Commun.* 8:15637.

Project B03

Wan S, Meyer AS, Weiler S, Toth M, Sticht C, **Singer S**, **Roessler S**, Schorpp M, Schmitt J, Gretz N, **Angel P**, **Tschaharganeh D**, Thomann S, **Schirmacher P**, Pinna F, **Breuhahn K** (2018) Cytoplasmic localization of the cell polarity factor Scribble supports liver tumor formation and tumor cell invasiveness Accepted by *Hepatology* (November 2017)

Project C05

Wingerath J, Ostroumov D, Woller N, **Manns MP**, Pinschewer DD, Orlinger K, Berka U, **Kühnel F**, **Wirth TC**. Recombinant LCMV Vectors Induce Protective Immunity following Homologous and Heterologous Vaccinations. *Mol Ther.* 25(11):2533-2545.

CONFERENCE PARTICIPATIONS

Here we keep room for reports of your conference participations. Please provide us with your latest activities.

FINANCES

All financial means of the SFB/TR 209 (except for Pauschale Mittel managed by the central project) have to be spent within the year they were allotted. There is no possibility to transfer the money to the next calendrical year.

TRAVEL GRANTS

According to the application and granting each project has 2.000 € /year for travel allowance for travels in connection with the SFB/TR 209. For reimbursement of your travel expenses please complete the form provided by K. Woll and send the original bills together with the signed form to K. Woll. In addition we would be happy if you would provide us with information to which conferences you have contributed by presentation and represented the SFB/TR 209 for announcement in the newsletters and on our homepage.

PUBLICATION FUNDS

We have a common pool for publication refunding if the work published is related to the SFB/TR 209. Therefore, always please use the following phrase in your publications:

„This ... (work, research, etc.) was carried out with the support of the German Research Foundation (DFG) within project X, SFB/TR 209 “Liver Cancer“.“

„Diese ... (Arbeit, Forschung, etc.) wurde im Rahmen des von der Deutschen Forschungsgemeinschaft (DFG) geförderten SFB/TR 209 “Liver Cancer“ (Projekt X) erstellt.“

Please also here keep us updated about the latest publications also in advance for announcement in the newsletter and on our homepage.

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Silke Abele holds a Master's degree in Islamic Studies with focus on christian medical history during the Abbasid caliphate. During and after her studies she worked as a secretary and later as a recruitment specialist and gained further qualifications in HR (Geprüfte Personalfachkauffrau IHK). Since October 2017 she supports the SFB's coordination in Tübingen.