



SFB/TR 209 LIVER CANCER

New mechanistic and therapeutic concepts in a solid tumor model

Dear SFB/TR 209 - members,

we had a very productive and stimulating retreat on traditional soil in Fulda, which has shown that all projects have gained momentum and our consortium is on the right track. We want to thank Dr. Woll and her team for an excellent organization. The upcoming second year will be important, as the first scientific results from the funding of the SFB/TR 209 may materialize.

We strongly encourage all projects to take up the cooperations that have been discussed and envisioned at the retreat and also to make use of the possibilities provided by the INF-project.

With best wishes to all of you for the summer vacation.

Yours,



P. Schirmacher



N. Malek



M. P. Manns

LATEST NEWS

HOMEPAGE

We are proud to announce that the homepage of the SFB/TR 209 is available under www.livercancer.de. Please let us know your ideas and suggestions and keep us informed about any changes and announcements concerning your project on the homepage.

LOGO

meanwhile the logo designed by S. Fillinger (INF-project) has been accepted and should be used for all official purposes, including talks, posters, and other presentations related to the SFB/TR 209. It can be provided in all formats by K. Woll or is available via the SFB/TR 209 homepage.



GENDER ISSUES

We are pleased to support three 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 provided for three young mothers and maternal leave compensation will support one of our Post Docs. We are happy that the dedicated gender money finds with these measures relevant and helpful application.

GEROK STIPENDS

Gerok stipends are in place at all three sites according to the regulations. The Gerok stipend from Tübingen, Dr. K. Büringer already presented his progress at our retreat.

SEMINAR SERIES

HEIDELBERG

18. June 2018: PD Dr. Florian Kühnel (MHH Hannover, Gastroenterology): „Oncolytic adenovirus-based strategies for viro-immunotherapy of solid tumors” (project C06)

23. July 2018: Dr. Peter Dietrich (Institute of Biochemistry and Molecular Medicine): “Function of microRNAs and novel microRNA-target genes in liver cancer”



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HANNOVER

5. June 2018: Prof. Dr. S. Singer (Institute of Pathology, University Greifswald): "Crosstalk between the nuclear transport machinery and the p53 pathway in liver cancer" (project B04)

TÜBINGEN

13. June 2018: Dr. P. Missios (Harvard Medical School Boston) "LIN28B in advanced human malignancy and metastasis. When a heterochronic player goes mad"

RETREAT

We hope you all enjoyed our retreat in the traditional Fulda setting and took home plenty of new ideas for your scientific projects and novel cooperation ideas. All talks are being provided in the internal area of our homepage.

Here a short wrap up of our meeting:

SERVICE PROJECTS

- INF-Data analysis: Access to TCGA data only for applying sites (TÜ and MHH) available; in HD the Institute of Pathology and DKFZ have access to raw data of TCGA; SOPs for application to access will be provided; contact to the HiGHmed consortium would be beneficial.
- INF-Liquid: According to data EU-DGSVO we will have to change the statement on the website and adapt the consent forms.
- INF-CMCP: Projects of the SFB/TR 209 will be processed preferentially. We suggest to use this facility for histological validation of all (new) SFB/TR 209 mouse models.
- INF-Cell lines: The list of available cell lines can be downloaded in the internal area of the SFB/TR 209 homepage or be requested from K. Woll.

GENDER EQUALITY

- The personal on demand support will be continued.

GENERAL ASSEMBLY OF THE SFB/TR 209

- Ideas researching the site of our next retreat are currently being collected and will be discussed in the board meeting.
- It has been decided to amend a junior scientists retreat for one day to the general retreat. Scientific writing courses or visual communication courses from external providers will be included. Further specific needs will be requested in the near future.

- One responsible junior contact person from each site will be involved for further planning of the junior scientist retreat.

RETREAT 2019

We already look forward to the next retreat. It will presumably take place in the week 3.-7.th June 2019. We will keep you informed!





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UPCOMING CONFERENCES

Hep Net: 29./30.06.2018, Hannover

EACR: 20.06.-03.07.2018, Amsterdam

ILCA: 14.-16.09.2018, London

ESMO: 19.-23.10.2018, Munich

AASLD: 09.-13.11.2018, San Francisco

DGVS: 12.-15.09.2018, Munich

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

7. Interdisziplinäres Symposium "Primäre Leberkarzinome": 09.03.2019, Berlin

RECENT TOP PUBLICATIONS

Lim CJ, Lee YH, Pan L, Lai L, Chua C, Wasser M, Lim TKH, Yeong J, Toh HC, Lee SY, Chan CY, Goh BK, Chung A, **Heikenwälder M**, Ng IO, Chow P, Albani S, Chew V. Multidimensional analyses reveal distinct immune microenvironment in hepatitis B virus-related hepatocellular carcinoma. *Gut*. 2018 Jul 3. pii: gutjnl-2018-316510. doi: 10.1136/gutjnl-2018-316510.

Ringelhan M, Pfister D, O'Connor T, Pikarsky E, **Heikenwälder M**. The immunology of hepatocellular carcinoma. *Nat Immunol*. 2018 Jan 29. doi:10.1038/s41590-018-0044-z.

Bakula D, Mueller AJ, **Proikas-Cezanne T**. WIPI β -propellers function as scaffolds for STK11/LKB1-AMPK and AMPK-related kinase signaling in autophagy. *Autophagy*. 2017 Oct 4:1-2. doi: 10.1080/15548627.2017.1382784.

Frey N, Venturelli S, **Zender L, Bitzer M**. Cellular senescence in gastrointestinal diseases: from pathogenesis to therapeutics. *Nat Rev Gastroenterol Hepatol*. 2018 Feb;15(2):81-95. doi: 10.1038/nrgastro.2017.146. Review.

La Porta S, Roth L, Singhal M, Mogler C, Spegg C, Schieb B, Qu X, Adams RH, Baldwin HS, Savant S, **Augustin HG**. Endothelial Tie1-mediated angiogenesis and vascular abnormalization promote tumor progression and metastasis. *J Clin Invest*. 2018 Jan 22. pii: 94674. doi: 10.1172/JCI94674.

Klingenberg M, Groß M, Goyal A, Polycarpou-Schwarz M, Miersch T, Ernst AS, Leupold J, Patil N, Warnken U, Allgayer H, **Longerich T, Schirmacher P**, Boutros M, Diederichs S. The lncRNA CASC9 and RNA binding protein HNRNPL form a complex and co-regulate genes linked to

AKT signaling. *Hepatology*. 2018 May 23. doi:10.1002/hep.30102

NEWS AND ACCOMPLISHMENTS

Prof. Peter Schirmacher (Z01, INF) is responsible editor and author of the new edition (5th) of the WHO classification on liver tumors.

The European Research Council (ERC) has awarded an ERC Advanced Grant for a five-year research on the project "Mechanisms of vascular maturation and quiescence during development, homeostasis and aging" (AngioMature) to Prof. Hellmut Augustin (project C03).

Prof. Dr. Alfred Nordheim (project B02) has been appointed as the scientific director of the Leibniz Institute for Aging Research - Fritz Lipmann Institute (FLI) in Jena in March 2018.

Prof. Dr. Thomas Longerich (associated project) was elected as the secretary of the GASL (German Association of the Study of the Liver) for the next 3 years.

Prof. Ralf Bartenschlager (project A02) has been elected as President of the GASL and is the Scientific Organizer of the annual meeting of the GASL in 2019 (22./23.2.2019, Heidelberg); Prof. M. Heikenwälder (Project A04) and Prof. P. Schirmacher are the Co-Organizers.

Dr. Sofia Weiler (project B03) was awarded with the Novartis Prize of the DGP 2018 for her research work "Induction of Chromosomal Instability by Yes-Associated Protein and Forkhead Box M1 in Liver Cancer" at the annual meeting of the German Society of Pathology (Berlin, 24-26.5.2018)

Dr. Thomas Albrecht (project B02) received a Heidelberg Medical Faculty stipend to continue his project started within the SFB/TR 209 for research on "Identifikation molekularer Veränderungen bei der Cholangio-karzinogenese".

FINANCIAL ISSUES

All budgets of the SFB/TR 209 (except for "Pauschale Mittel" managed by the central project; Z01) have to be spent within the fiscal year. There is no possibility to transfer the funds to the next year.

TRAVEL GRANTS

According to the application and granting each project has 2.000 € /year for travel allowance for travel costs related to scientific issues of the respective SFB/TR 209 project. For reimbursement of your travel expenses



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please complete the form which can be downloaded from the internal area of our homepage or provided by K. Woll and send the original receipts together with the signed form to K. Woll.

In addition we ask you to 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, please always 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.

Contact and General Coordination:

Dr. rer. nat. Katrin Woll
Pathologisches Institut
Im Neuenheimer Feld 224
69120 Heidelberg
Tel: +49/6221-56 39186
Fax: +49/6221-56 5251
Email: katrin.woll@med.uni-heidelberg.de



Secretary in Heidelberg

Silke Greiner
Pathologisches Institut
Im Neuenheimer Feld 224
69120 Heidelberg
Tel: +49/6221-56 4165
Fax: +49/6221-56 5251
Email: silke.greiner@med.uni-heidelberg.de



Secretary in Hannover

Temporary
Petra Huber and
Britta Köpping
Carl-Neuberg-Str. 1
30625 Hannover
Tel: ++49/511 32 6763
Email: Huber.Petra@mh-hannover.de
Koepping.britta@mh-hannover.de



Secretary in Tübingen

Silke Abele
Zentrum für Personalisierte Medizin
Fronsbbergstraße 23
72076 Tübingen
Tel: ++49/7071 29 82864
Email: silke.abele@med.uni-tuebingen.de

