

Second CRC-Retreat at Panorama Hotel Oberjoch in November 2015

The second CRC retreat took place from 08-10th November at the scenic Panorama Hotel Oberjoch. In an inspiring setting we experienced an exciting meeting, convincing presentations - especially by the junior scientists - and sharp-minded as well as very helpful discussions. All projects have pursued their aims, many projects have even further expanded their collaborative efforts, and some have already published first project-related results. The fruitful scientific discussions during the presentations continued till late evening/morning across the groups with a lively spirit of corporate identity.



The third retreat will happen on April 11-12 at the Sonnenalp Resort Ofterschwang.
Please fix the date!

TRIM: Trauma-Regeneration-Immune-Modulation – SFB integrated in IGradU

A major column in the early career support is the International Graduate School in Molecular Medicine Ulm (IGradU), which has been funded by the Excellence Initiative of the German Federal and State Governments since 2007. Within the IGradU, **the TRIM (trauma-regeneration-immune-modulation)**-programme has been recently initiated for the PhD-students by Prof. Köhl, PD Brockmann and Prof. Huber-Lang as a progress report seminar addressing the specific research topics of the CRC.

The TRIM-seminar takes place every second Tuesday, starting from October 13th.



International Graduate School
in Molecular Medicine Ulm

Group VI SFB-Trauma TRIM-Seminar
Tuesdays, 05:00-06:30 in 027/2203

The mentors of the PhD-students are welcome to join the progress reports.
The PIs of the “chair student” are asked to actively attend the progress report.

For further information: see our website and <http://www.uni-ulm.de/einrichtungen/mm.html>
or contact Prof. Huber-Lang

GEROK Presentations – New Call

The CRC currently grants five “GEROK” rotation positions for clinical scientists, which are financed by both the DFG and the Medical Faculty. First research results were presented at the II. retreat by **Dr. Fabian Müller-Graf** about imaging of callus healing in mice.

Dr. Martina Gatzka addressed the role of histone H2A deubiquitination in epidermal stem cells and wound healing.

Dr. Clair Weidgang set the focus of her presentation on metabolic effects of AP39.

The guideline for new applications can be downloaded from the password protected domain of our website. Deadline: 30th November 2015

Gender Equality Funding – New Call

All junior female scientist who have been supported by the CRC demonstrated their research progress at the II. retreat. Based on this successful programme, the CRC continues to support the career of female young scientists in 2016 and therefore will extent four grants of 5.000 Euro for Dr. Kalbitz (Project title: Molecular mechanisms of posttraumatic cardiac dysfunction), Dr. Sehring (Project title: Cytoskeletal changes in osteoblasts during bone regeneration in the zebra fish fin), as well as the projects of Dr. Vettorazzi (Glucocorticoids limit acute lung inflammation in concert with inflammatory stimuli by induction of SphK1) and Dr. Weidgang.

Further grants with a total sum of 10.000 Euros are provided to support novel trauma research initiatives. The guideline for application can be downloaded from the password protected domain of our website.

Deadline: 30th November 2015

Trauma-Modelling (Z02)

The “**tips, tricks & pitfalls of the thoracic trauma model**” workshop on September 11 has successfully covered the state-of-the-art simulation of clinically relevant trauma models. The SOP for the thoraxtrauma was presented by Dr. Palmer, immunological readouts and data interpretation by Prof. Huber-Lang as well as anesthesiological standards by Dr. Kröger/Prof. Radermacher. The exact sample handling after thoraxtrauma was demonstrated by Dr. Rapp/Prof. Ignatius. This workshop revealed the importance of protocol fine-adjustments to improve the validity and reliability of our trauma-models.

The controlled access to the animal facilities in the ZBF building is working. For new applications see our website or contact Ms. Welle.

A next meeting concerning “**tips, tricks & pitfalls of the traumatic brain injury**” will be scheduled as soon as the pilot experiments with the new 3D-adjustment device have been successfully established. We also thank Prof. Dürselen for his support. An *in vivo* validation of the new 3D-device has been applied at the TFZ.

Young Investigator Awards in Trauma Research



The true jewel of the junior-related activities that did take place on the European Shock Society (ESS) Congress in Cologne, was the European New Investigator Award Competition (**ENIAC**). ENIAC was composed of two parts: 1) an initial qualification round to select the top 5 abstracts, and 2) the final oral competition round in Cologne in face of a panel of six independent expert judges from the EU and the US. All finalist talks were of a superb scientific quality and the presenting performance varied from very good to outstanding. In the end, the glory of the top act went to **Stephanie Denk**, Ulm, Germany (project A01). Congratulation!



Dr. Miriam Kalbitz was honoured by the Günther Schlag Award 2015 in Cologne. This award is funded biennially by the Ludwig Boltzmann Institute for Experimental and Critical Traumatology in Vienna, Austria, in commemoration of the institute's founder Dr. G. Schlag. The Award is given to an outstanding European junior researcher in the field of critical care and shock research. The selection is made by the LBI executive committee based on the merit of the submitted abstract and the candidate's overall professional development.

Congratulation!

Save the Date 2016!

Please fix following dates:

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|---------------------|--|
| 28.01.16 | General Meeting (N27) |
| 11.-12.04.16 | III. Retreat Sonnenalp Resort Ofterschwang |
| 12.05.16 | General Meeting (N27) |
| 28.07.16 | General Meeting (N27) |
| 11.11.16 | IV. Retreat (tba) with general meeting |
| 15.12.16 | General Meeting (N27) |

For further updates and the **research seminar schedule** please visit our website.

Publication News

By our news ticker we would like to update you about outstanding publications within our CRC. The publications being related to CRC projects are announced at our homepage.

Just coming in: We are happy to announce further SFB-related papers:

Wagner K, Gröger M, McCook O, Scheuerle A, Asfar P, Stahl B, Huber-Lang M, Ignatius A, Jung B, Duechs M, Möller P, Georgieff M, Calzia E, Radermacher P, Wagner F. Blunt Chest Trauma in Mice after Cigarette Smoke-Exposure: Effects of Mechanical Ventilation with 100 % O₂. PLoS One. 2015.

Barth, H., Fischer, S., Möglich, A., Förtsch, C. Clostridial C3 toxins target monocytes/macrophages and modulate their functions. Front. Immunol. 6: 339. 2015.

For further publication details see our website.

Next Activity - Xmas



The next seminar will be on 17th December 2015 4:00 pm at the Institute of Orthopaedic Research and Biomechanics, Helmholtzstr. 14. **Prof. Radermacher** will talk about "Designing animal models of shock".

Afterwards there will be some Xmas sit together. We are looking forward to seeing you.

November 2015

Florian Gebhard, Markus Huber-Lang and Anita Ignatius