

VENUE

LOCATION

Lohr am Main is a town in the Spessart and is known for its historic old town with its picturesque half-timbered houses and narrow streets. Lohr is also called the town of Snow White ("Schneewittchenstadt"), as there are many indications that Snow White originates from Lohr am Main and that the well-known fairy tale by the Brothers Grimm is said to have taken place there.



The Franziskushöhe in Lohr am Main was a pulmonary sanatorium. The institution was built in 1901 and was named the Sanatorium Luitpoldheim in honor of Prince Regent Luitpold of Bavaria. Located high above the city directly on the edge of the forest, the sanatorium had extensive outdoor grounds with an orchard, meadows and reclining halls where patients could breathe the Spessart air, which was considered to have healing properties. During the First World War, mainly soldiers with lung diseases were cared for here. The sanatorium accommodated between 40 (1901) and 95 (1959) patients. In 1974, the sanatorium became a family recreation home and was renamed Franziskushöhe after the patron saint Francis of Assisi. In 2011 it was converted into a hotel, which opened in 2005.

Address of the meeting hotel:

ACHAT Hotel Franziskushöhe

Ruppertshüttener Str. 70

D-97816 Lohr am Main

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www.achat-hotels.com/hotels/franziskushoehe

Deutsche
Forschungsgemeinschaft
DFG

Network Meeting of the GRK2599 and IRTG/CRC 1292

June, 04 – 07, 2024
In Lohr am Main

GRK 2599
Fine-tuners
of the adaptive immune system



Uniklinikum
Erlangen



UNIVERSITÄTSmedizin.
MAINZ



Friedrich-Alexander-Universität
Erlangen-Nürnberg



JOHANNES GUTENBERG
UNIVERSITÄT MAINZ

PROGRAM

TUESDAY, June 4th, 2024

- 15:00 **Arrival, Check in, Coffee break**
- 16:00 **Welcome and introduction GRK2599**
- 16:30 **Welcome and introduction IRTG/CRC 1292**
- 17:00 **Introduction round and networking**
- 18:30 **Dinner**

WEDNESDAY, June 5th, 2024

SESSION 1: Innate and Adaptive Immunity

Chairs: Gabriel Richter, Marta Agacinska

- 09:00 **Robert Blumberg** (Regulating vaccine responses by TNF at the level of C-type lectin receptor expression)
- 09:25 **Carolina Brümmer** (Effects of IgA and IgG glycosylation variants on immune-complex mediated neutrophil extracellular trap (NET) formation)
- 09:50 **Edith Alexandar Escarrega Payan** (Regulation of adaptive immunity by myeloid cell-derived itaconate)
- 10:05 **Sophia Bittner** (The role of Krüppel-like factor 2 in IgA plasma cell localisation and IgA secretion in eye-associated lymphoid tissues)
- 10:20 **Coffee break**

SESSION 2: B Cells

Chairs: Anita Kansy, Veronica Witzgall

- 10:50 **Timothy Chege Kuria** (Signaling circuits involved in the selection of high-affinity antigen-specific B cells in the germinal center)
- 11:15 **Christina Brunner** (Role of the N-glycanase 1 (NGLY1) in the formation and function of antibody-secreting cells)
- 11:30 **Svenja Kovacic** (The effect of mitochondrial Ca²⁺ abundance on mitochondrial function and morphology in B cells)
- 11:45 **Timo Regensburger** (Fine-tuning of the germinal center response by STAT6-regulated genes)
- 12:00 **Lunch**

PROGRAM	
SESSION 3: Tumor Immune Evasion	
<i>Chairs: Bishal Manandhar, Carolina Riemer</i>	
13:30	Nabil Boui (Identification of ICER-DNA interactions in macrophages upon cultivation under acidic conditions)
13:55	Sukrit Mahajan (Role of EGFL7 protein in immune evasion by malignant glioma)
14:20	Martina Casari (Altered platelet and megakaryocyte phenotype and enhanced platelet-macrophage interactions in liver fibrosis)
14:45	Laura Klein (Cutting through barriers: Re-installing cancer immunity in gastrointestinal tumor slices)
15:00	Coffee break
SESSION 3: Tumor Immune Evasion - continuation	
<i>Chairs: Kuang Dou, Jessy-Lee Fournes</i>	
15:30	Sven Pagel (Influence of F7 deletion in myeloid cells on tumor growth and antitumor immune response)
15:55	Ariful Haque Abir (NAD(P)H-FAD fluorescence as a marker for single cell metabolism)
16:20	Dominik Siegl (Immunotherapeutic approaches for the treatment of hepatocellular carcinoma)
16:45	Philipp Münch (Mechanisms of IL-10 mediated tumor immune evasion in colorectal cancer development)
18:30	Dinner

PROGRAM	
THURSDAY, June 6th, 2024	
SESSION 4: Tumor Microenvironment	
<i>Chairs: Sukrit Mahajan, Tun-Yi Wang</i>	
09:00	Bishal Manandhar (Understanding SAMHD1 and its impact on the tumor microenvironment)
09:25	Sara Helbich (Convergent mechanism of regulatory T cells in the tumor microenvironment and infection setting)
09:50	Kalp Shah (Role of transcription factor Id2-dependent regulation of tissue-resident memory (TRM) T cells in colorectal cancer)
10:05	Anna Gottwald (RIG-I pathway as a key regulator for radio-therapy-induced anti-HNSCC T cell responses)
10:20	Coffee break
SESSION 5: T Cells	
<i>Chairs: Ronja Brüchert, Elahe Esmaeili</i>	
10:50	Anita Kansy (Exploring TCR cancerimmunotherapy in combination with metabolic intervention for a preclinical model)
11:05	Marie Wiedemann (Memory T cells in atopic dermatitis)
11:30	Amke Beenen (Elucidating the fine-tuning mechanisms of T-cell activation and differentiation by alpha-synuclein)
11:45	Ann-Katrin Gebel (Characterization of a novel hyperactivation of human T cells by neutrophile granulocytes)
12:00	Najla Abassi (Exploring single cell RNA-seq data analysis with R and Bioconductor: A user guide)
12:15	Lunch

PROGRAM	
SESSION 6: Viral Immune Response	
<i>Chairs: Martina Casari, Mehdi Ali Pour</i>	
14:00	Assel Nurbekova (Transcriptional regulation of mCMV protein m152)
14:25	Marta Agacinska (New mechanisms of mCMV immune evasion and its control by cellular factors)
14:50	Annica Preikschat (Optimization of immunopetidomics workflow)
15:15	Coffee break
SESSION 7: Treatment Strategies	
<i>Chairs: Philipp Münch, Nina Paulus</i>	
15:45	Ann-Sophie Flohr (Herpes virus entry mediator (HVEM) axis as a potential target in radioimmunotherapy of breast cancer)
16:10	Nadezda Dolgikh (Exploring therapeutic strategies: Targeting Menin-MLL complex components in NPM1-Mutated Acute Myeloid Leukemia)
16:35	Fabian Stritt (Investigating sCD83 as a novel treatment for pressure ulcers)
16:50	Get-to-know Bingo (30 min)
18:30	Dinner
FRIDAY, June 7th, 2024	
10:00	Walk and Talk (please check out before)
12:00	Departure (with lunch bags)