



International Research Training Group 2150

The Neuroscience of Modulating Aggression and
Impulsivity in Psychopathology

FINAL SYMPOSIUM
March 27 – 28, 2025

Dear students and colleagues,

We have all come a wonderful long way together, from a personal scientific contact to successful collaborations, many friendships and a large network of scientists, including young researchers and experienced scientists. The International Research Training Group (IRTG) 2150 on The Neuroscience of Modulating Aggression and Impulsivity in Psychopathology is coming to an end after 9 years of funding. But the story is longer and goes back to the start of this structured program of international doctoral training with the IRTG 1328 on Schizophrenia and Autism in 2006 - almost two decades. With this symposium, we look back on successful PhD defenses, outstanding scientific achievements, many interdisciplinary collaborations, personal success stories in academia and beyond, and international exchanges.

It is a pleasure to welcome you all again as part of one or another IRTG, as we celebrate the culmination of our collective efforts, innovative research and fruitful partnerships across borders. Over the past few years, we have engaged in rigorous academic inquiry and fostered a vibrant exchange of ideas and knowledge between our institutions. Together, we have overcome larger and smaller obstacles, such as pandemics, time constraints, recruitment problems, experimental challenges, and stressful evaluations.

This symposium not only marks an important milestone in our research endeavour, but also serves as a platform to showcase the personal stories and scientific achievements of our talented researchers. While we are sad to see this fruitful time come to an end, we are not only proudly looking back, but also looking forward. Our theme of the last few years, the neuropsychobiology of aggression, will be taken up by a multi-centre consortium in Germany, and hopefully our combined efforts will have an impact on this rather neglected field in the future. Thank you for being part of these significant times, of being part of the team, thank you for your support. We look forward to an engaging event filled with inspiring presentations and meaningful discussions.

Warmest regards,



Ruben C. Gur



Ute Habel

IRTG2150



Thursday, March 27

12.30 pm – 01.30 pm:

Arrival, Registration and Light Lunch

01.30 pm – 02.00 pm:

Official Welcome

02.00 pm – 03.00 pm:

We Have Come a Wonderful Way – From IRTG 1328 to 2150

03.00 pm – 03.45 pm:

Thanks to: Longstanding Collaborators

03.45 pm – 04.00 pm:

Photo Session

04.00 pm – 04.30 pm:

Coffee Break

04.30 pm – 06.10 pm:

To Train a New Generation of Scientists Internationally

07.00 pm:

Social Evening at the Rosfabrik Aachen

Friday, March 28

Until 09.00 am:

Coffee

09.00 am – 09.40 am:

Continued: To Train a New Generation of Scientists Internationally

09.40 am – 11.20 am:

With a lot of success, see examples

11.20 am – 11.45 am:

Coffee Break

11.45 am – 01.05 pm:

On to the Future

01.05 pm:

Farewell and Departure

Thursday, March 27

12.30 pm

Arrival, Registration and Light Lunch

01.30 pm

Official Welcome

Rector Univ.-Prof. Dr. rer. nat. Dr. h.c. mult. Ulrich Rüdiger, Dean Prof Dr. rer. nat. Stefan Uhlig

02.00 pm – 03.00 pm

We Have Come a Wonderful Way – From IRTG 1328 to 2150

➔ Ute Habel

Looking Back – IRTG2150

➔ Frank Schneider, Ruben Gur

From Aachen to Philadelphia and back: A Tale of Two Communities Surging Forward

03.00 pm – 04.00 pm

Thanks to: Longstanding Collaborators

Chair: Frank Schneider

➔ Ted Abel

Corticostriatal Circuits Underlying Neurodevelopmental Disorders

➔ Steve Siegel

The USC My Mental Health Program: A New Paradigm for Campus Mental Health

03.45 pm – 04.00 pm

Photo Session

04.00 pm – 04.30 pm

Coffee Break

04.30 pm – 06.10 pm

To Train a New Generation of Scientists Internationally

Chair: Klaus Mathiak

➔ Olivia Choy

Investigations of Transcranial Direct Current Stimulation on Aggression in Three Countries

➔ Max Nagel

Hurts So Good - The Sensory Basis for Massage and Muscle Sensation

➔ **Jana Zweerings**
Navigating the Mind: A Personal Journey through Neurofeedback, Psychotherapy, and Scientific Exploration

➔ **Luca Lasogga**
Consequences of High-Definition Prefrontal Transcranial Direct Current Stimulation on Aggression

➔ **Kate Brynildsen**
Modeling Brain State Transitions in Health and Disease: Insights from Mice and Humans

07.00 pm
Social Evening at the Rosfabrik Aachen

Friday, March 28

until 09.00 am
Coffee

09.00 am – 09.40 am **Chair: Philippa Hüpen**
Continued: To train a New Generation of Scientists Internationally

➔ **Leon Weninger**
Deep learning-based Analysis of Diffusion MRI Image Data from Multicenter Studies

➔ **Lucia Hernandez**
My PhD Journey within the IRTG: Social Interactions

09.40 am – 11.20 am **Chair: Raquel Gur**
Some Examples of Success

➔ **Janina Seubert**
The Many Flavors of Research Careers – From the IRTG to Nutritional Neuroscience

➔ **Lisa Wagels**
Aggression Research as Journey From the Victim to the Aggressor Perspective

➔ **Birgit Derntl**
Once IRTG, always IRTG

➔ **Thomas Nickl-Jockschat**
Of Genes, Circuits and the Brain: a Tale of Two “Continents”

➔ **Ting-Yat Wong**
Decoding Mental Health: My Journey in Neurodevelopmental Research from Aggression to Resilience

11.20 am – 11.45 am
Coffee Break

11.45 am – 01.05 pm **Chair: Beate Herpertz-Dahlmann**
On to the Future

➔ **Kerstin Konrad**
The Power of Hyperscanning in Unraveling Aggressive Interactions and Group Conflict Dynamics

➔ **Simon Eickhoff**
The Rocky Road towards Individual Predictions from Neuroimaging Data

➔ **Kathrin Reetz**
Our IRTG2150 Journey – What We Learnt about Neurodegeneration and Beyond

➔ **Ute Habel**
Looking Forward: TRR 379

01.05 pm
Farewell and Departure

Location

The symposium will take place in the **RWTH guest house** (Melatener Straße 31-35, 52074 Aachen).

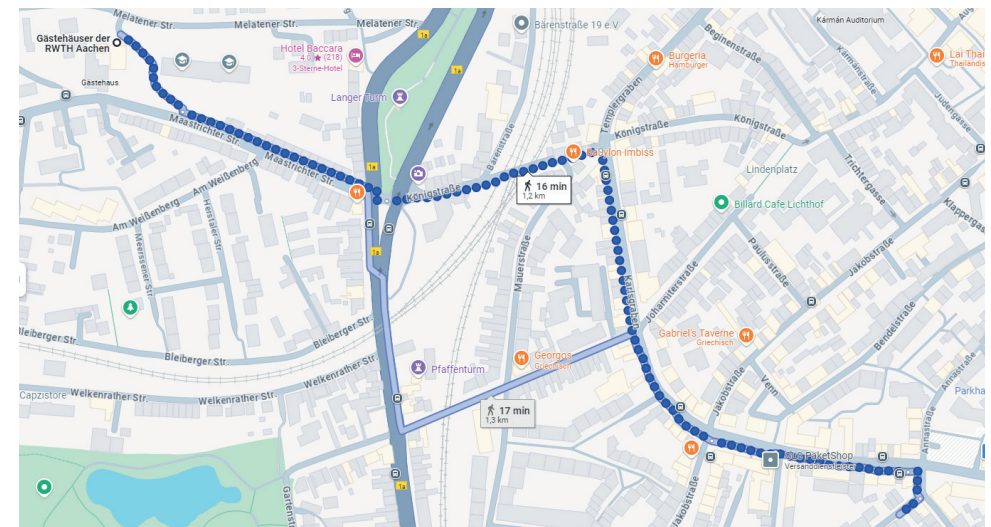


Location social evening

The social evening on Thursday will be held at the **Rosfabrik Aachen** (Rosstraße 9-13, 52064 Aachen).



Route from the **RWTH guest house** to **Rosfabrik**



IRTG Speakers

Prof. Ruben C. Gur

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Prof. Dr. Ute Habel

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www.irtg2150.rwth-aachen.de



www.jara.org/de/research/jara-brain/