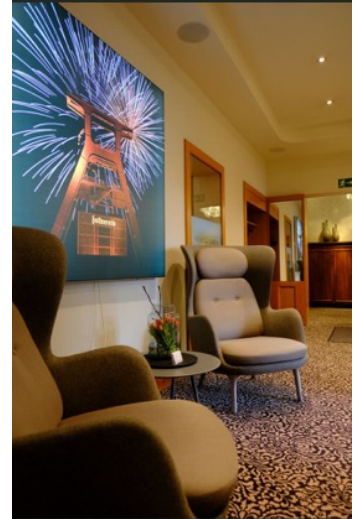


BARICADE Retreat FOR 5427 – 1st Funding Period

„Bacterial Renal Infection and Defense“ May 24 & 25, 2024

On site: Medical Research Center, Hufelandstrasse 55, Essen

Virtual opportunity: <https://zoom.us/j/7038269265>





12:15 - 13:00 Welcome Reception at “Medical Research Center “
Hufelandstrasse 55, Essen with **Lunch Buffet**

13:00 – 13:15 Welcome Notes
Prof. Florian Wagenlehner (*Speaker of the FOR 5427*)
Prof. Daniel R. Engel (*Organizer of the 2024 Retreat*)

13:15 – 14:45 Talks of the subprojects (Part 1)

13:15 – 13:45 **SP1** Evaluating Pharmacokinetic/Pharmacodynamic and innate immune parameters in the pyelonephritis environment
20 Min + 10 Min Discussion

13:45 – 14:15 **Thomas Miethke** Interaction of the UPEC strain CFT073 with the kidney epithelium and invading innate immune cells during pyelonephritis
20 Min + 10 Min Discussion

14:15 – 14:45 **SP3** Characterization of pyelonephritis and cystitis E. coli isolates – Comparison of bacterial traits involved in colonization of the lower or upper urinary tract
20 Min + 10 Min Discussion

14:45 – 15:00 Coffee break

15:00 – 16:30 Webinar: Immunological mechanisms in urinary tract pathologies

15:00 – 15:30 Adhesion, necroinflammation, immunothrombosis
Prof. Hans-Joachim Anders, Munich

15:30 – 16:00 Deep visual proteomics
Dr. Fabian Coscia, Berlin

16:00 – 16:30 Multimodal imaging to decipher cellular heterogeneity
Prof. Daniel R. Engel, Essen

16:30 – 17:00 Afternoon break and Poster Session SP1, SP2 and SP3

17:00 – 17:30 **Technologies @UK Essen:** Intro on spatial proteomics, LC-MS/MS & LMD. Dr. Olga Shevchuk (20 Min + 10 Min Discussion)

17:30 – 18:00 End of meeting day 1 and lab tour

18:00 – 19:00 Departure and walk (25 min) to the Hotel and Dinner Event

19:00 – open Dinner (Restaurant “Bliss“ in Essen-Rüttenscheid)





08:30 - 09:00 Arrival at meeting venue

09:00 – 10:00 Talks of the subprojects (Part 2)

09:00 – 09:30 **SP4** Metabolic rewiring of CD163+ macrophages through lactate in PN

09:30 – 10:00 **SP5** Effect of a high fat diet on pyelonephritis

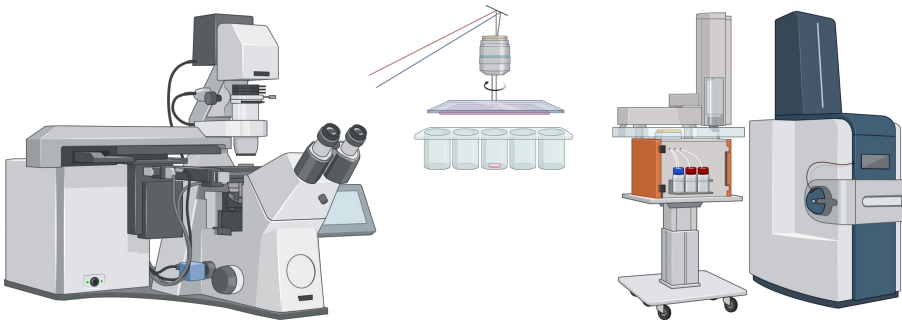
10:00 – 10:20 Coffee break and Poster Session SP4, SP5

10:20 – 11:20 Talks of the subprojects (Part 3)

10:20 – 10:50 **SP6** Role of myeloid immune cells in healing and recurrence of

10:50 – 11:20 **SP7** Protection from pyelonephritis during glucosuria

11:20 – 11:40 Coffee break and Poster Session SP6, SP7



11:40 – 12:20 Start-up funding poster / talks

11:40 – 11:55 **SuF1** Title tbd (10 Min + 5 Min Discussion)

11:55 – 12:10 **SuF2** Title tbd (10 Min + 5 Min Discussion)

12:10 – 12:50 Discussion on

- Equal opp. and gender
- Scientific and public outreach
- etc.

12:50 – 13:00 Wrap up of retreat

13:00 – 14:00 Lunch and Departure



Scientific Advisory Board of FOR5427

- | | |
|--|--|
| Prof. Dr. Suzanne Geerlings | University Medical Centers, Department of Internal Medicine, Division of Infectious Diseases, Amsterdam, The Netherlands |
| Prof. Dr. Hans-Joachim Anders | Ludwig-Maximilians University Hospital Munich, Division of Nephrology, Department of Medicine IV, Munich, Germany |
| Prof. Dr. Michael Hickey | Monash University, Department of Medicine, Centre for Inflammatory Diseases, Monash, Australia |
| Prof. Dr. Hans-Willi Mittrücker | University Medical Center Hamburg-Eppendorf, Department for Immunology, Hamburg, Germany |

Accommodation

Hotel an der Gruga, Eduard-Lucas-Str. 17, 45131 Essen



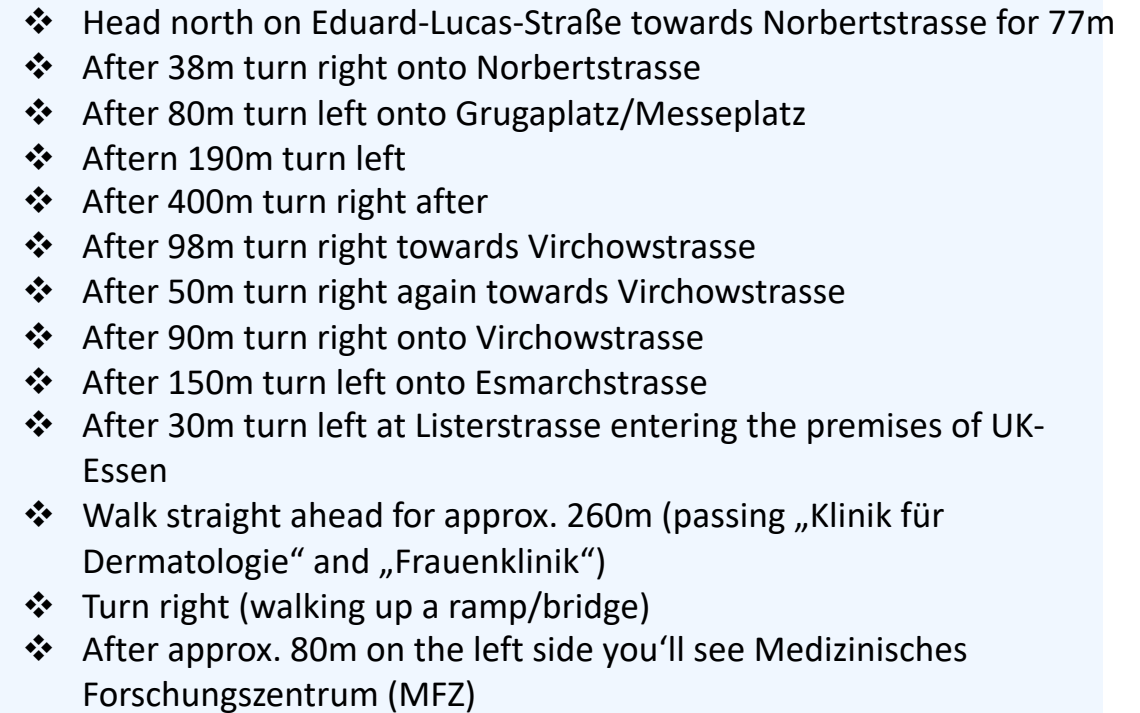
By Train:

- ❖ From Essen central station with U-Bahn U11 until „Messe Ost/Gruga (approx. 6 minutes). From there the walk to the hotel is 50m.
- ❖ Taxi from Essen central station to hotel will cost approx. € 10

Car park:

The hotel has a supervised car park. The charge amounts to € 12 per day.

Retreat



Dinner Location

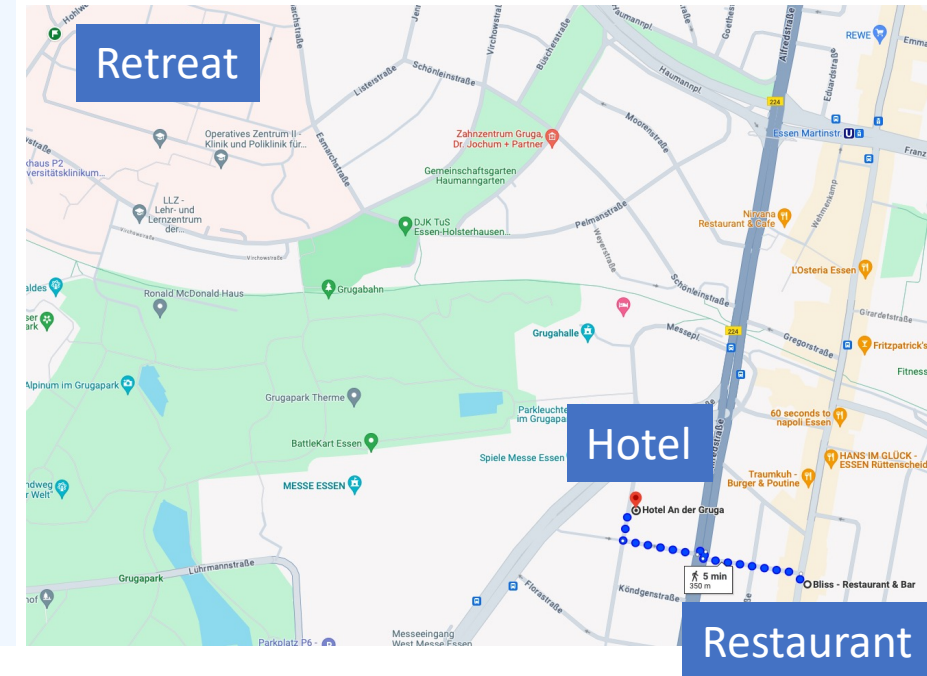
Bliss Restaurant & Bar
Rüttenscheider Str. 237
45131 Essen

Bliss – Casual Fine Dining mit mediterranean Flair



All around the world, people come together for a variety of occasions to enjoy a colorful variety of different dishes in a relaxed atmosphere. This international tradition goes by many names: Izakaya, mezé or tapas.

In a discreetly elegant atmosphere, you will experience **fine delicacies**, casual and relaxed as an accompaniment to wine, beer, sake or home-made lemonades. we attach great importance to **seasonal food from sustainable cultivation** and also inspire with varied **vegetarian and vegan creations**.





List of participants



Justus-Liebig University Giessen, Clinic for Urology, Paediatric Urology and Andrology Rudolf-Buchheim-Strasse 7, 35392 Giessen	Aust	Anne-Christine	Dr.	SP1	University Hospital Bonn Medical Clinic 1, Section for Nephrology Venusberg-Campus 1, 53127 Bonn	Miranda (ehemals Milleck)	Julia	TA	SP7
UK-Essen Institut f. Experimentelle Immunologie und Bildgebung, Abteilung für Immundynamik Medizinisches Forschungszentrum Hufelandstr. 55, 45147 Essen	Borgards	Lars	PhD-Student	SP4	University Hospital Bonn Medical Clinic 1, Section for Nephrology Venusberg-Campus 1, 53127 Bonn	Possenriede	Lena	PhD-Student	SP7
Westfälische Wilhelms-University Münster Institute of Hygiene, Section Microbial Genome Plasticity - Molecular Infection Biology Mendelstrasse 7, 48149 Münster +49 (0) 251 83-35406	Dobrindt	Ulrich	Prof. Dr.	SP3	Justus-Liebig University Giessen Clinic for Urology, Paediatric Urology and Andrology Rudolf-Buchheim-Strasse 7, 35392 Giessen	Riedel-Dreisbach	Diana	Koordination	Coordination
UK-Essen Institut f. Experimentelle Immunologie und Bildgebung, Abteilung für Immundynamik Medizinisches Forschungszentrum Hufelandstr. 55, 45147 Essen	Engel	Daniel Robert	Prof. Dr.	SP4	Justus-Liebig University Giessen Clinic for Urology, Paediatric Urology and Andrology Rudolf-Buchheim-Strasse 7, 35392 Giessen	Schwarz	Lisa	PhD-Student	SP1
University of Bonn Institute of Experimental Immunology Venusberg-Campus 1, 53127 Bonn	Goldyn	Beata	PhD-Student	SP6	UK-Essen Institut f. Experimentelle Immunologie und Bildgebung, Abteilung für Immundynamik Medizinisches Forschungszentrum Hufelandstr. 55, 45147 Essen	Shevchuk	Olga	Dr.	SP1
Medical Faculty of Mannheim University of Heidelberg Director, Institute for Medical Microbiology and Hygiene Theodor-Kutzer-Ufer 1-3, 68135 Mannheim	Heine	Leon	PhD-Student	SP2	University of Bonn Institute of Experimental Immunology Venusberg-Campus 1, 53127 Bonn	Surchorski	Nicolette	PhD-Student	SP5
Westfälische Wilhelms-University Münster Institute of Hygiene, Section Microbial Genome Plasticity - Molecular Infection Biology Mendelstrasse 7, 48149 Münster	Hilger	Annika	PhD-Student	SP3	University Hospital Bonn Medical Clinic 1, Section for Nephrology Venusberg-Campus 1, 53127 Bonn	von Vietinghoff	Sibylle	Prof. Dr. med.	SP7
University of Bonn Institute of Experimental Immunology Venusberg-Campus 1, 53127 Bonn	Jorch	Selina	Dr.	SP6	Justus-Liebig University Giessen Director Clinic for Urology, Paediatric Urology and Andrology Rudolf-Buchheim-Strasse 7, 35392 Giessen	Wagenlehner	Florian	Prof. Dr. med.	SP1
University of Bonn Director, Institute of Experimental Immunology Venusberg-Campus 1, 53127 Bonn	Kurts	Christian	Prof. Dr.	SP5	Universität München	Anders	Hans-Joachim	Prof. Dr. med.	SAB Member
Medical Faculty of Mannheim University of Heidelberg Director Institute for Medical Microbiology and Hygiene Theodor-Kutzer-Ufer 1-3, 68135 Mannheim	Miethke	Thomas	Prof. Dr. med.	SP2	Amsterdam UMC University Medical Centers	Geerlings	Suzanne	Prof. Dr.	SAB Member
University of Bonn Institute of Experimental Immunology Venusberg-Campus 1, 53127 Bonn	Minchuk	Yevheniia	PhD-Student	SP6	Monash University, Australia	Hickey	Michael	Prof. Dr.	SAB Member
					UK-Hamburg (Eppendorf)	Mittrücker	Hans-Willi	Prof. Dr.	SAB Member



Contacts

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