

Meeting venue

TRYP Lisboa Caparica Mar Hotel,
Av. Gen. Humberto Delgado 47, 2829-506
Costa da Caparica,
Portugal



Contact/ Organizer

University Hospital RWTH Aachen
Institute for Molecular Cardiovascular Research
(IMCAR)
Prof. Dr. Joachim Jankowski & Dr. Zhuojun Wu

Local organizer:
NOVA School of Science and Technology (FCT NOVA)
Prof. Jose Luis Capelo



Organization

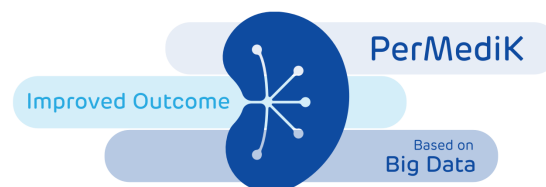
Sandra Knarren
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Email: sknarren@ukaachen.de

COST Action Permedik

Action workshop

and

6th Management Committee Meeting



Important Information for all participants:

Hotel Corporate Package: COST

www.wyndhamhotels.com/hotels/51287?corporate_id=9990866062

Meals included:

13.03.2025 – Welcome Dinner

14.03.2025 – Breakfast and Lunch at the Hotel restaurant

15.03.2025 – Breakfast and Lunch at the Hotel restaurant

15:03.2025 – Gala Dinner

Hotel booking without COST corporate package (simple room):

If you want to participate in only the Gala or Welcome dinner, please contact the hotel for individual add-ons:

Gerson Brazão

Assistant Frontdesk Manager

Hotel Tryp Lisboa Caparica Mar

gerson.brazao@trypportugal.com

Day 1: Friday 14 March 2025

Action Workshop: Meeting room: Costa Azul at 8^o floor

Notes

9:00 – 9:10 Welcome by the Local organizer
Prof. Jose Luis Capelo

9:10 – 09:20 Introduction of the 3rd grant period
Prof. Jankowski (Chair)

9:20 – 9:40 Permedik Management Committee Meeting
Dr. Zhuojun Wu (Grand Holder)

9:40 – 11:00 **COST PerMedik Training session I: Python module**
Leveraging Big Data for Chronic Kidney Disease Research:
Real-World Use-Cases and Data Skills Development
Matthias Ley (Working Group 2)



11:00 – 11:15 Coffee break / Workgroup breakout

11:15 – 13:00 **COST PerMedik Training session II: ML module**
Revolutionizing Medical Research with AI: Data-Driven
Discoveries for Chronic Kidney Disease and Other Medical
Conditions
Ana Todorovska (Working Group 2)



13:00 – 14:00 Lunch break / Workgroup breakout

14:00 – 15:00 **COST PerMedik Training session III: Large Language
Model Module:** Basics of LLM and processing medical
data
Darko Sasanski (Working Group 2)



15:00 – 15:50 **PERMEDIK Working group updates**
WG 1-5 Leaders

15:50 – 16:10 Coffee break / Workgroup breakout

16:10 – 17:00 History of uremic toxicity
Prof. Raymond Vanholder (Working Group 3)

Day 2: Saturday 15 March 2025

Action Workshop: Meeting room: Costa Azul at 8^o floor

9:00 – 10:00 **Reports of STSMs 2nd funding period**

10:00 – 10:20 ATTR and kidney disease
Dr. Daria Abasheva (Working Group 3)

10:20 – 10:40 The aryl hydrocarbon receptor in kidney epithelial cells
and its influence on atherosclerosis
Rosanna Huchzermeier (Working Group 3)

10:40 – 11:00 Coffee break

11:00 – 11:20 Python tools for MS data analysis
Elena Atanasoska (Working Group 2)

11:20 – 11:40 Role of lipids in the reduction of uremic toxins in
hemodialysis
Laura-Ann Raillon (Working Group 3)

11:40 – 12:00 The potential negative inotropic effect of recently identified
vasoregulatory peptides in the Langendorff heart
Nathalie Zelzer (Working Group 3)

12:00 – 12:20 Proteomics for AKI Prognosis and CKD Risk Assessment
Dr. Luís André Botelho de Carvalho (Working Group 3)

12:20 – 13:30 Lunch break

13:30 – 13:50 Preclinical investigation of new therapies targeting CDK
complications: fibrosis and vascular calcification
Dr. Nathalie Gayraud (Working Group 3)

13:50 – 14:10 Extracting MS signals features relevant to chronic disease
classification
Yuqi Yao (Working Group 3)



Day 2: Saturday 15 March 2025

Working group meetings

14:10 – 17:00 Working group meetings and Networking

19:00 COST PerMedik Gala dinner & Farewell