

Meeting venue

Wyndham Grand Izmir Ozdilek Thermal and Spa

İnciraltı, İnciraltı Cd. No:67,
35340 Balçova/ İzmir, Türkiye



Contact/ Organizer

University Hospital RWTH Aachen

Institute for Molecular Cardiovascular Research
(IMCAR)

Prof. Dr. Joachim Jankowski & Dr. Zhuojun Wu

Local organizer:

Prof. Suna Timur

Prof. Emine Guler Celik

Ege Üniversitesi



Organization

Sandra Knarren

Phone: +49-241-8080580

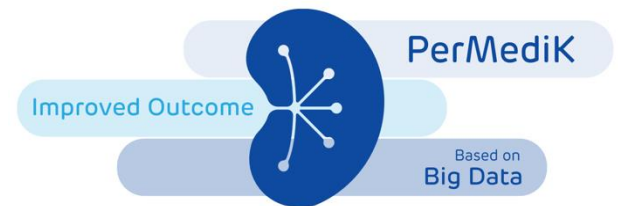
Email: sknarren@ukaachen.de

COST Action Permedik

Action workshop

and

7th Management Committee Meeting



İzmir / Turkey
19-20 September 2025

***On-the-Spot Nephrology:
Translating Research into
Personalized and Accessible
Diagnostics***

Day 1: Friday 19 September 2025

09:00 – 12:00 COST Action PerMedik Morning Session

(open to EUTox members)

Meeting room: Karşıyaka Salonu

09:00 – 09:20 Welcome by the Local organizers
Suna Timur & Emine Guler Celik

09:20 – 09:30 Status quo PerMedik
Joachim Jankowski

09:30 – 10:00 COST PerMedik Management Committee Meeting

10:00 – 10:30 **Coffee break**

10:30 – 12:00 COST PerMedik Workgroup updates

12:00 – 14:00 **Break**



[Link Friday](#)
[Link Saturday](#)

Day 1: Friday 19 September 2025

14:00 – 17:00 Joint EUTox and COST Action

PerMedik Meeting Session I



Meeting room: Karşıyaka Salonu

Chair: Joachim Jankowski

14:00 – 14:30 A Test-Battery of In Vitro Assays to Quantify and Validate Key Events in Kidney Adverse Outcome Pathways
Devon Barnes (AG Masereeuw)

14:30 – 15:00 Resilience in the kidney: the role of transmembrane protein CD99 in murine and human acute kidney injury
Rayane Benyahia (AG Schanstra)

15:00 – 15:30 Training in Data Analysis in Proteomics: Addressing Batch Effects, Missing Values and Application of Advanced Clustering Algorithms
Chara Gonidaki (AG Vlahou)

15:30 – 16:00 **Coffee break**

16:00 – 16:30 **Keynote I**
The hemodialysis procedure by itself causes strain to the heart
Bernd Stegmayr

16:30 – 17:00 **Keynote II**
Chemical and food data normalisation to different ontologies with the use of LLMs
Jan Drole & Tome Eftimov

Day 2: Saturday 20 September 2025

09:00 – 12:00 Joint EUTox and COST Action

PerMedik Meeting Session II



Meeting room: Karşıyaka Salonu

Chair: Emine Guler Celik

09:00 – 09:30 Next-Generation Point-of-Care Solutions for CKD:
Enabling Innovation Through Research–Industry
Synergy

Suna Timur

09:30 – 10:00 A near-field communication (NFC)-enabled advanced
nanomaterial-based immunosensor for point-of-care
testing in the early detection of chronic kidney disease

Saniye Soylemez

10:00 – 10:30 Rapid Renal Risk Screening: Fluorescence-Based
POC Tools for Clinical Practice

Ozge Ozufuklar

10:30 – 11:00 **Coffee break**

11:00 – 11:30 Application of nanotechnology for disease detection

Bilge Guvenc Tuna

11:30 – 12:00 Multi-Modal POC + AI Platform for Cardiovascular
Diagnostics & Triage

Tolga Erdogan

12:00 – 14:00 **Break**

Day 2: Saturday 20 September 2025

14:00 – 17:00 COST Action PerMedik

Workgroup meetings

Meeting room: Karşıyaka Salonu