

# 3rd DZG Munich Day

A joint symposium of the  
German Centers for Health Research

**July 8,  
2025**

Helmholtz Munich  
Conference Center

9:00 REGISTRATION & COFFEE

9:30 Welcome

*Martin Hrabě de Angelis (Research Director, Helmholtz Munich)*

9:35 Greetings

*Markus Blume (State Minister for Science and Arts) – video greeting*

*Werner Seeger (Chair of DZG Board)*

*Thomas Gudermann (Dean, LMU Faculty of Medicine)*

*Markus M. Lerch (Medical Director, LMU University Hospital Munich)*

*Stephanie E. Combs (Dean, TUM School of Medicine and Health) – video greeting*

Stefan  
Endres &  
Michael  
Hoelscher

10:00 **Activities and Synergies within the DZG**

*Martin Hrabě de Angelis (Research Director, Helmholtz Munich)*

10:15 **DZG Overview Presentations**

DKTK | DZD | DZHK | DZIF | DZKJ | DZL | DZNE | DZPG

11:00  NETWORKING & COFFEE

11:30 Panel discussion | **Munich Synergies in Clinical Data Usage - driving innovation in prevention and therapy**

*Thomas Gudermann, Fabian Theis, Daniel Rückert, Martin Boeker, Nikolaos Koutsouleris*

12:30 **Scientific Poster Speed Talks**

13:00  POSTERSESSION & LUNCH

14:30 **Cross-DZG Projects**

DKTK | DZD | DZHK | DZIF | DZL | Engineering Tumor-Specific T Cells with Lipid Nanoparticles: Development and Comparative Functional Analysis - *Eva Bräunlein*

DKTK | DZD | DZHK | DZIF | DZL | Metabolite-mediated epigenetic changes in immune cells induce a coordinated response across tissues in cachexia - *Önder Yildirim*

DZL | DZKJ | Prediction of several allergic diseases: disease overarching investigation of asthma and allergies across childhood - *Bianca Schaub*

DZHK | DZKJ | DZNE | DZPG Epigenomic embedding of childhood adversity links to disease risk and chronic inflammation: insight from contextual meQTL studies - *Darina Czamara*

15:20 Best Poster Award Ceremony & Closing Remarks

15:30  NETWORKING & COFFEE

Sebastian  
Lobentanzer

Sabine  
Steffens  
& Bianca  
Schaub

Sabine  
Hölter-Koch  
&  
Julia Hauer

#ResearchforHealth

Genes &  
Omics

1. Multimodal analysis identifies Hif-1a as a regulator of microglial subtype transition in mouse models of Alzheimer's disease pathology | *Desirée Brösamle (DZNE)*
2. Targeting ubiquitin signaling vulnerabilities in KEAP1-inactivated lung cancer | *Viktoria von Heyl zu Herrnsheim (DKTK/DZL)*
3. USP10 deubiquitinase as an exploitable vulnerability in non-small cell lung cancer | *Nikolett Pahor (DZL)*
4. Investigating the effects of a TREM2 agonist antibody in metabolic diseases: diet-induced obesity and MASLD | *Ophélie Le Thuc (DZD)*
5. Mapping therapy-induced resistance in non-small cell lung cancer using spatial transcriptomics | *Paula Zickler (DKTK)*
6. Single-cell extraction and morphology-based BCR-ABL1 subtype classification in pediatric B-cell precursor ALL | *Michael Deutges (DZKJ)*

Mecha-  
nisms

7. Medin amyloid: defining its role in Alzheimer's disease and cerebral amyloid angiopathy | *Jessica Wagner (DZNE)*
8. CXCL12 derived from intraplaque neovessels mediates CD8+ T cell recruitment in human atherosclerosis | *Laura Parma (DZHK)*
9. Auto-aggressive CD8 T cell induction by macrophages in post covid lungs | *Deepesh Dhakad (DZL)*
10. Comprehensive characterization of clonal haematopoiesis of indeterminate potential (CHIP) and its proteomic and metabolic effects in people living with HIV (CHIP-HIV) | *Florian Voit (DZIF)*
11. Degrade to regenerate - skeletal myocyte Nfe2l1 is a crucial factor for muscle health and physical capacity training | *Leonardo Matta (DZD/DZHK)*
12. Metabolic plasticity in neutrophil immunometabolism: the critical role of the pentose phosphate pathway in effector functions of iPSC-derived neutrophils | *Monika Linder (DZKJ)*
13. Enforced CARD11/MALT1 signaling in dendritic cells triggers hemophagocytic lymphohistiocytosis | *Sophie Isay (DZIF)*
14. Harnessing T cell receptor repertoire properties for adoptive cellular therapy in type 1 diabetes | *Nadja Nehls (DZKJ)*
15. The role of EBV, HHV-6 and CMV in pleural effusions in lung allograft recipients | *Gülümser Hale Alkan (DZL)*

Medical  
Practice

16. Mobile sensing & digital phenotyping: a new paradigm for early diagnosis in (mental) health? | *Yannik Terhorst (DZPG)*
17. Clinical prediction score for radiological severity of pulmonary tuberculosis in children: an individual participant data-analysis | *Akshita Gupta (DZIF)*
18. Novel approaches to assess interpersonal risk factors for suicidal behaviors in high-risk groups with borderline personality disorder and chronic depression | *Johannes Wolf (DZPG)*
19. Intradialytic exercise training as a modulator of immune response in chronic kidney failure – differences between men and women | *Sini Susan Joseph (DZD)*
20. Sex-specific outcomes in myocardial infarction: a dual-cohort analysis using clinical and real-world data | *Johannes Krefting (DZHK)*
21. Comprehensive analysis of high-risk DNMT3A R882 mutations in CHIP-carriers: insights from the German CHIP Registry | *Stephan Baumann (DKTK)*
22. Telemedicine-supported lifestyle intervention in patients with CHD and T2DM – the LeIKD study | *Sophia Dinges (DZHK)*
23. Optimizing antipsychotic dosing in schizophrenia: an evidence-based approach | *Spyridon Sifas (DZPG)*
24. Patient and family participation and empowerment in asthma and allergy research | *Kathrin Urner (DZKJ/DZL)*

DZG  
working  
groups

DZG Biobanking | Quality, Standards, and Collaboration  
DZG Research IT | Knowledge exchange is data exchange  
DZG Public Relations | Making research visible to all  
DZG Promotion of Young Scientists | Career support for young scientists  
DZL DataLungSchool | Advancing Pulmonary Research through Data Science

Voting  
time

12:30 –  
2:45 p.m.