

Registration

The workshop will be held in **Zoom**.

Please use the following link for online registration:

<https://eu01.web.zoom.us/meeting/register/u5cuce6trD8qG9L8YxtIaE2kUQxJPGHcf6jH>

During registration, please choose one out of the four different Q&A sessions that you would like to attend. You will have the opportunity to pose questions or describe challenges that arise out of your research projects for further discussion with your peers and session chair.

Participation is free.

Further information:

Romy Hribal, DZHK main office
Scientific administrator Promotion of Young Scientists
+49 30 3465 529-04
romy.hribal@dzhk.de | www.dzhk.de

DZG DEUTSCHE ZENTREN
DER GESUNDHEITSFORSCHUNG

Deutsches Konsortium für
Translationale Krebsforschung (DKTK)

Deutsches Zentrum für
Diabetesforschung (DZD)

Deutsches Zentrum für
Herz-Kreislauf-Forschung (DZHK)

Deutsches Zentrum für
Infektionsforschung (DZIF)

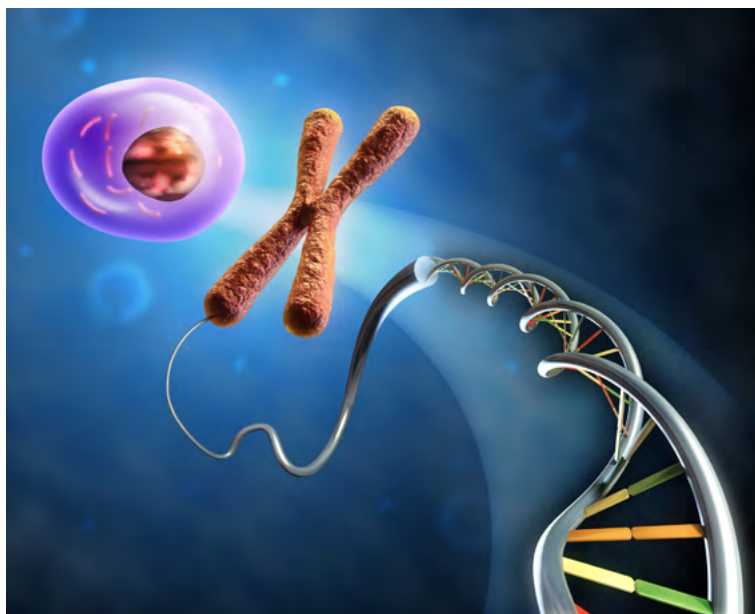
Deutsches Zentrum für
Lungenforschung (DZL)

Deutsches Zentrum für
Neurodegenerative Erkrankungen (DZNE)

Epigenetic Techniques

DZG workshop
for young scientists

21 October 2021, online



DZG DEUTSCHE ZENTREN
DER GESUNDHEITSFORSCHUNG

Invitation to young scientists

The six German Centers for Health Research (DZG) organise joint events for young scientists. We aim to provide training tailored to specific needs and to facilitate scientific exchange and networking across the DZG research areas.

The workshop “Epigenetic Techniques” focuses on methods and techniques that are broadly applied across disease areas to unravel epigenetic mechanisms. After the talks, participants will be given the opportunity to meet the speakers for further discussion of their own specific research challenges within the four different Q&A sessions.

Speakers



Dr. Raffaele Teperino: Head of the Group Environmental Epigenetics, Helmholtz Center Munich, German Research Center for Environmental Health, Institute of Experimental Genetics, DZD



Prof. Marc Timmers: Professor of Medical Epigenetics, Department of Urology, Medical Center – University of Freiburg, German Cancer Consortium (DKTK) partner site Freiburg and German Cancer Research Center (DKFZ) Heidelberg



Prof. Reinhard H. Dammann: Univ. Professor for Genetics, Institute for Genetics, Justus-Liebig University Giessen, DZL



Prof. André Fischer: Head of the Group Epigenetics and Systems Medicine in Neurodegenerative Diseases, Department for Psychiatry and Psychotherapy, University Medical Center Göttingen, Speaker of the DZNE site Göttingen

Programme

Thursday, 21 October 2021

Zoom meeting

Talks

Chair: [Johannes Backs](#) (DZHK, Heidelberg)

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|---------------|---|
| 15:00 | Welcome and Introduction |
| 15:05 – 15:30 | In-vitro techniques to elucidate inheritance mechanisms of epigenetic patterns, Raffaele Teperino (DZD, Munich) |
| 15:30 – 15:55 | Methods to analyse the regulation of transcription complexes and chromatin accessibility mechanisms, Marc Timmers (DKTK, Freiburg) |
| 15:55 | Break |
| 16:00 – 16:25 | Analysis of aberrant epigenetic regulation of disease associated genes by DNA methylation assay, Reinhard H. Dammann (DZL, Giessen) |
| 16:25 – 16:50 | Tools to examine histone modifications in epigenetic regulation of gene expression, André Fischer (DZNE, Göttingen) |
| 16:50 | Break |
| | Q&A Sessions – Meet the Speakers |
| 17:00 – 17:30 | Four parallel moderated sessions |