

## Speakers

- **Karla Alex:** Section Translational Medical Ethics, National Center for Tumor Diseases, Heidelberg
- **Michael Boutros:** German Cancer Research Center, Heidelberg
- **Hans-Georg Dederer:** Faculty of Law, University of Passau
- **Dirk Grimm:** German Center for Infection Research, University of Heidelberg
- **Ali Güneş:** Department of Law, University of Mannheim
- **Rosario Isasi:** Interdisciplinary Stem Cell Institute, University of Miami
- **Albert Jeltsch:** Institute of Biochemistry and Technical Biochemistry, University of Stuttgart
- **Yann Joly:** Bioethics Unit, McGill University, Montréal
- **Dirk Lanzerath:** Managing Director of the German Reference Center for Ethics in the Biosciences, Philosophy Institute, University of Bonn
- **Christoph Rehmann-Sutter:** Institute for History of Medicine and Science Studies (IMGWF), University of Lübeck
- **Ralf Müller-Terpitz:** Director of the Institute for German, European and International Medical Law, Public Health Law and Bioethics of the Universities of Heidelberg and Mannheim
- **Jörn Walter:** Head of EpiGenetics working group, Saarland University
- **Eva Winkler:** Section Translational Medical Ethics, National Center for Tumor Diseases, Heidelberg

## Cooperation



NATIONAL CENTER  
FOR TUMOR DISEASES  
HEIDELBERG

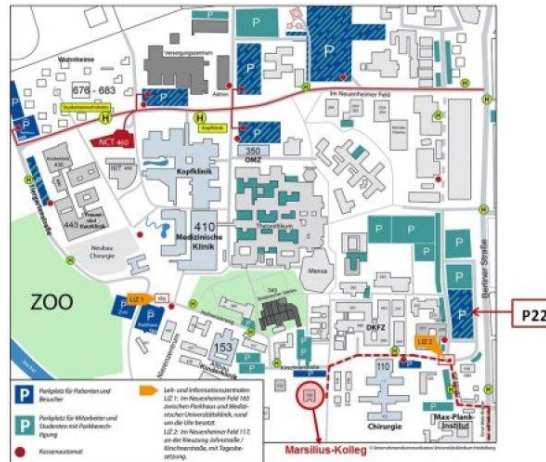
supported by  
German Cancer Research Center (DKFZ)  
Heidelberg University Medical Center  
Hospital for Thoracic Diseases  
German Cancer Aid

## Place (Hybrid)

The workshop takes place as a hybrid meeting, in-person and simultaneously online. The online meeting is open to the public.



Marsilius-Kolleg Heidelberg University, Im Neuenheimer Feld 130.1, 69120 Heidelberg



Further information for map & directions:

<https://www.marsilius-kolleg.uni-heidelberg.de/lageplan-anreise-en.html>

or



**Zoom meeting:** For participation please use the following login information:

<https://uni-mannheim.zoom.us/j/69516923408?pwd=UUxDZWVORTI1SW9nc2k1MWw9FYlFOdz09>

or



For any questions, please contact:  
[karla.alex@med.uni-heidelberg.de](mailto:karla.alex@med.uni-heidelberg.de) or  
[gues@uni-mannheim.de](mailto:gues@uni-mannheim.de)

## Workshop

### Epigenome Editing in medicine – preferable to Genome Editing? Scientific foundations, legal and ethical analysis and international perspectives

Public workshop of the project COMPASS-ELSI: “COMPARative ASSessment of genome and epigenome editing in medicine: Ethical, Legal and Social implications”

14 April 2021



Funded by



Deutsche  
Forschungsgemeinschaft

German Research Foundation

Wednesday, 14 April 2021, 1.00 pm – 6.15 pm (local time in Germany; GMT+2)

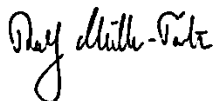
In contrast to the vigorous debate on ethical and regulatory aspects of genome editing, epigenome editing has rarely been discussed from an ethical or legal perspective. The project COMPASS-ELSI broadens the scope of this discussion. Within an ethical and a legal subproject, novel applications of gene editing tools such as CRISPR/Cas on the germline as well as on the somatic level are evaluated. The leading research question of COMPASS-ELSI is whether epigenome editing needs to be evaluated differently from genome editing. Furthermore, the project's goal lies in initiating an ethical and legal debate on epigenome editing. In this workshop, we will present results of our project and discuss them with experts from our international advisory board.

The workshop is organized by the project groups at the Section Translational Medical Ethics, National Center for Tumor Diseases at Heidelberg University Hospital (Prof. Dr. Dr. Eva Winkler; Karla Alex) and at the Department of Law at University of Mannheim (Prof. Dr. Ralf Müller-Terpitz; Ass. jur. Ali Güneş).

We cordially invite everyone who is interested in discussing the implications of these novel gene technologies in natural sciences, in ethics and in law to join the event!



Eva Winkler



Ralf Müller-Terpitz

## I. Introduction and Welcoming

1.00 – 1.10 pm Eva Winkler, Heidelberg &  
Ralf Müller-Terpitz, Mannheim

## II. Scientific Background (moderated by Dirk Grimm, Heidelberg)

1.10 – 1.30 pm Genome Editing (Michael Boutros,  
Heidelberg)

1.30 – 1.50 pm Epigenome Editing (Albert Jeltsch,  
Stuttgart)

1.50 – 2.10 pm Time for questions & discussion

2.10 – 2.30 pm Break

## III. Legal Analysis (moderated by Ralf Müller-Terpitz, Mannheim)

2.30 – 3.00 pm Regulatory aspects of genome and  
epigenome editing (Ali Güneş,  
Mannheim)

3.00 – 3.10 pm Commentary (Hans-Georg Dederer,  
Passau)

3.10 – 3.30 pm Time for questions & discussion

3.30 – 4.00 pm Break

## IV. Ethical Analysis (moderated by Eva Winkler, Heidelberg)

4.00 – 4.30 pm Ethical aspects of genome and  
epigenome editing (Karla Alex,  
Heidelberg)

4.30 – 4.40 pm Commentary (Christoph Rehmann-  
Sutter, Lübeck)

4.40 – 5.00 pm Time for questions & discussion

5.00 – 5.15 pm Break

## V. Panel discussion on international aspects (moderated by Eva Winkler, Heidelberg & Ralf Müller-Terpitz, Mannheim)

5.15 – 6.15 pm International view on the regulation and  
ethics of genome and epigenome  
editing:

Rosario Isasi, Miami

Yann Joly, Montréal

Dirk Lanzerath, Bonn

Jörn Walter, Saarbrücken

6.15 pm End of the workshop