



Date of School: 25th–29th July 2022 (5 days).

Location: Tübingen, Germany.

Organisers: Research Unit 'Ethics of Genome Editing', Institute of Ethics and History of Medicine, University of Tübingen, Germany & the CIVIS Health Hub

Overview of event: The last decade has seen a dramatic increase in the pace of scientific development of genome editing technologies, particularly highlighted by the advances enabled by CRISPR-Cas9. One area of immense potential is the use of genome editing technologies in humans. Alongside the potential benefits, there are a number of ethical issues that arise, posing challenges for the development of robust governance of this technology. This Summer School will extensively explore the ethical implications of this emerging technology, noting the scientific and medical possibilities and realities, the perceptions and the various ethical approaches and implications as well as the options for its effective governance and regulation. This Summer School will combine lectures by experts in the field, alongside interactive group work and class discussion, a one-day class symposium, as well as evening events and class excursions.

Lecturers

- Dr. Greg Bognar (Stockholm University)
- Dr. Emilian Mihailov (University of Bucharest)
- Prof. José María Carrascosa (Universidad Autónoma de Madrid)
- Prof. Dr. Marius Ueffing. (Director, Institute for Ophthalmic Research, Department for Ophthalmology, University of Tübingen)
- Dr. Oliver Feeney (University of Tübingen)
- Dr. Gardar Arnason (University of Tübingen)
- Dr. Davina Höll (University of Tübingen)
- Katharina Trettenbach (University of Tübingen)
- Dr. Dr. Katja Herges (University of Tübingen)
- Regina Müller M.A. (University of Tübingen)
- Prof. Dr. Hans-Jörg Ehni (University of Tübingen)
- Dr. Uta Müller (University of Tübingen)

Topics

- Introduction: A brief history of human genome editing
- The Science of human genome editing
- Introduction to the ethics of genome editing — from the scientist perspective
- Genetics and genome editing in literature and pop culture
- Genome editing and population-level bioethics
- Translational ethics: from bench to the bedside
- New genomics or old eugenics
- Narrative ethics, medical humanities and patients' perspectives
- Feminist perspectives on genome editing
- Genome editing and disability
- Law and governance of human genome editing

Call for applications: This Summer School is suitable for both graduate (Masters, Doctoral) and advanced undergraduate levels. Places are limited and so applications will be evaluated.

- Applications are accepted for consideration until 23.59 CET – **11th March 2022**
- Application will consist of a one-page motivation letter, plus short one-page academic CV (incl. academic background, previous courses taken, if relevant, other relevant background information).
- Send to oliver.feeney@uni-tuebingen.de
- Notification of acceptance by 16th March.

Funding: Student mobility funds to support travel expenses and living costs will be available to the successful candidates.

Language of instruction: English.

For more information: contact Dr Oliver Feeney (oliver.feeney@uni-tuebingen.de) or Dr. Gardar Arnason (gardar.arnason@uni-tuebingen.de)