

HOSTS

Prof. Tommaso Cavazza

(Professor of Reproductive Medicine and Genome Editing, University Hospital Zurich, University of Zurich)

Prof. Alfred Früh

(Professor of Private Law specializing in Life Sciences Law and Intellectual Property Law, Co-Director ZLSR, University of Basel)

ORGANIZATION

PD Dr. Nina Jakoby (Managing Director URPP H2R) and Dr. Franziska Bächler (Scientific Director ZLSR)

The workshop will focus on the current and future use or misuse of the gene editing technology CRISPR/Cas. It will consolidate existing and spark new interdisciplinary work by combining different perspectives on CRISPR Gene Editing and by putting spotlights on both Germline Gene Editing and Somatic Gene Editing.

The three-day workshop will bring together leading scientists, ethicists, legal scholars and practitioners and provide a forum for interdisciplinary research. In addition to expert presentations, there will be time for moderated and roundtable discussions. Early career researchers will present and discuss their research focus in a poster session.



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URPP Human Reproduction
Reloaded | H2R

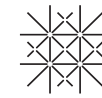


Universität
Basel

ZLSR | Zentrum für
Life Sciences-Recht



University of
Zurich^{UZH}



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Basel

Juristische
Fakultät

Workshop «The Technology and Ethics of CRISPR»

3 – 6 March 2024
Monte Verità
(Ascona)

The workshop is being organized and led in a collaboration of URPP H2R (University of Zurich) and the Center for Life Sciences Law (ZLSR) of the University of Basel

3rd of March 2024
ARRIVAL

15.00–19.00
Shuttle service
from Locarno train station to Monte Verità

Starting from 15.00
Registration, check-in

18.30–19.00
Welcome drink

19.00
Dinner at Monte Verità

4th of March 2024
PERSPECTIVES ON CRISPR GENE EDITING

10.00–10.30
Welcome Address

Prof. Tommaso Cavazza
(Professor of Reproductive Medicine and Genome Editing, University Hospital Zurich, University of Zurich)
and **Prof. Alfred Früh** (Professor of Private Law specializing in Life Sciences Law and Intellectual Property Law, Co-Director ZLSR, University of Basel)

Roman Mezzasalma, Moderator

10.30–10.45
Video Message from **Prof. David Archard**
(Emeritus Professor of Philosophy, former Chair of the Nuffield Council on Bioethics, Queen's University Belfast)

10.45–11.30
The protection of future persons: How CRISPR is transforming the time horizon of legal responsibility

Prof. Bijan Fateh-Moghadam (Professor of Fundamentals of Law and Life Sciences Law, Co-Director ZLSR, University of Basel)

11.30–12.15
Cutting, editing, engineering – The German Ethics Council and the legitimacy of germline interventions

Prof. Claudia Wiesemann
(Director Department Ethics and History of Medicine, University of Göttingen)

12.15–14.00
Lunch

14.00–14.45
Interventions in the human germline: legal framework, challenges, and perspectives from a Swisswide survey

Marie-Hélène Peter-Spiess
(RA MLaw, Research Associate, URPP H2R)

14.45–15.30
The patent governance of human genome editing

Prof. Duncan Matthews (Queen Mary Intellectual Property Research Institute, London)

15.30–16:00
Coffee break

16.00–16.45
Roundtable discussions with speakers of the day

16.45–17.00
CSF Welcome Address

17.00–18.30
Guided tour
Monte Verità: Experiments of Life and Arts

19.00
Dinner at Monte Verità

5th of March 2024
CURRENT DEVELOPMENTS / SPOTLIGHTS ON GERMLINE GENE EDITING

9.00–9.30
How to ethically measure the risk of germline genome editing?

Prof. Michael Coors (Professor of Theological Ethics, Head of the Institute of Social Ethics, University of Zurich)

9.30–10.00
Spotlight on reproductive justice

Agnes Kandlbinder (PhD, URPP H2R)

10.30–11.00
Changing and exchanging genomes in the human embryo

Prof. Dieter Egli (Professor of Developmental Cell Biology, Columbia University)

11.00–11.30
Genome editing reveals a role for OCT4 in human embryo development

Dr. Norah Fogarty
(UKRI Future Leader Fellow and Group Leader, Centre for Gene Therapy & Regenerative Medicine, King's College London)

11.30–12.00
Gene editing to insert and replace: lessons learnt from the mouse embryo

Dr. Ben Davies (Head of Genetic Modification Service, Francis Crick Institute, London)

12.00–13.30
Lunch

13.30–14.00
Translational challenges in somatic gene editing

Prof. Gerald Schwank (Professor of Neuropharmacology, University of Zurich)

14.00–14.30
The role of AI in genome engineering

Prof. Michael Krauthammer (Chair of Medical Informatics, University of Zurich)

14.30–15.00
Coffee break

15.00 - 15.45
Panel discussion
with speakers of the day
Moderation: Roman Mezzasalma

16.00–17.00
Poster Session

18.00
Meeting point (reception)

18.30
Dinner
Osteria Nostrana (Ascona)

6th of March 2024
SPOTLIGHTS ON SOMATIC GENE EDITING

9.00–9.15
Opening
Prof. Alfred Früh (Professor of Private Law specializing in Life Sciences Law and Intellectual Property Law, Co-Director ZLSR)

9.15–9.45
CRISPR patents: Blessing or curse?

Dr. Martin Wilming (Patent Attorney)

9.45–10.15
Regulation of CRISPR-based therapies

Dr. Philippe Girard (Vice Director Swissmedic)

10.45–11.15
From lab to global impact: How to maximize global access to gene editing

Dr. Javier Guzman (Center for Global Development, Washington D.C.)

11.15–11.45
Panel discussion
Panelists: **Speakers of the day** plus **Dr. iur. et dipl. sc. nat. ETH Stefan Kohler** (Attorney-at-Law)
Moderation: **Dr. Franziska Bächler**

11.45–12.00
Wrap up, closing remarks & thank you

Prof. Gerald Schwank (Professor of Neuropharmacology, University of Zurich)

12.00–13.00
Lunch