### **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.



URPP Human Reproduction Reloaded | H2R







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



3<sup>rd</sup> 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)

6<sup>th</sup> 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