

PROGRAM
TIMELINE

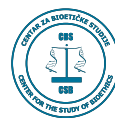
International Conference

Genome Editing

BIOMEDICAL AND
ETHICAL PERSPECTIVES



BELGRADE • 20-21 AUGUST • 2017



CSB





International Scientific Committee

Vojin Rakić, PhD

Director of the Center for the Study of Bioethics

Arthur Caplan, PhD

New York University's Langone Medical Center
Associate Member of the Center for the Study of Bioethics

John Harris, PhD

University of Manchester
Associate Member of the Center for the Study of Bioethics

Mildred Z. Solomon, EdD

President and CEO of The Hastings Center
Advisory Board of the Center for the Study of Bioethics

Nicholas Agar, PhD

University of Wellington
Associate Member of the Center for the Study of Bioethics

Anders Sandberg, PhD

University of Oxford
Associate Member of the Center for the Study of Bioethics

Rob Sparrow, PhD

Monash University
Associate Member of the Center for the Study of Bioethics

Katrien Devolder, PhD

University of Oxford
Associate Member of the Center for the Study of Bioethics

Brendan Parent, PhD

NYU School of Professional Studies

Josephine Johnston, PhD

The Hastings Center

Carolyn Neuhaus, PhD

NYU School of Medicine

20th August 2017

Time	Conference Hall A
8:30-9:00	Registration (Coffee available)
9:00-9:45	<p>Opening addresses (TBC)</p> <p>Vojin Rakić, Center for the Study of Bioethics</p> <p>Arthur Caplan, New York University's Langone Medical Center</p> <p>Mildred Z. Solomon, The Hastings Center</p> <p>Mladen Šarčević, Minister of Education, Science and Technological Development</p> <p>Vladimir Kostić, President of the Serbian Academy of Sciences and Arts</p> <p>Vladimir Bumbaširević, Rector of the University of Belgrade</p>
9:45-11:30	<p>Panel I: Lectures of keynote speakers</p> <p>Chair: Mildred Z. Solomon, The Hastings Center</p> <p>John Harris, University of Manchester <i>Genetic Inheritance, Future People and Future Worlds</i></p> <p>Arthur Caplan, New York University's Langone Medical Center <i>Mice, men and supermen— where ought the ethical focus be?</i></p> <p>John Harris, Arthur Caplan; Discussion and confronting opinions</p>
11:30-12:00	Coffee break
12:00-13:30	<p>Panel II: Impact of GE on future generations</p> <p>Chair: Arthur Caplan, New York University's Langone Medical Center</p> <p>Nicholas Agar, Victoria University of Wellington <i>Why we should defend contemporary genetic medicine as eugenics</i></p> <p>Vojin Rakić, Center for the Study of Bioethics <i>Genome editing: Moral considerations for future generations</i></p> <p>Rob Sparrow, Monash University <i>People, progress, and products</i></p>
13:30-14:45	Lunch break

20th August 2017

Time	Conference Hall A	Conference Hall B
14:45-16:15	<p>Panel III: Values and Genes</p> <p>Chair: Nicholas Agar, Victoria University of Wellington</p> <p>Josephine Johnston, The Hastings Center <i>Editing the Stork: Gene Editing and the “Good Parent”</i></p> <p>Mair Crouch, University of Glasgow <i>Genetic modification and the welfare of the child</i></p> <p>Igor Milinković, University of Banja Luka <i>Human genetic engineering, human dignity and law: National and international perspectives</i></p>	<p>Panel IV: GE in non-humans</p> <p>Chair: Brendan Parent, NYU School of Professional Studies</p> <p>Carolyn P. Neuhaus, NYU School of Medicine <i>Genome editing with CRISPR in non-human organisms: What’s new and where are we headed?</i></p> <p>Marko Ahteensuu, University of Turku <i>Genome Editing and Species Conservation Aims: Naturalness in Facilitated Adaptation and Assisted Migration</i></p> <p>Gardar Arnason, University of Tübingen <i>The ethics of genome editing in non-human primates</i></p>
16:15-16:45	Coffee break	Coffee break
16:45-18:15	<p>Panel V: Decision making in the context of GE</p> <p>Chair: Daniel Andler, SND, Université Paris-Sorbonne</p> <p>Jana Zuscínova, European Parliament <i>Good Governance of Human Genome Editing: Political Responsibility</i></p> <p>Joanna Smolenski, City University of New York <i>Gene Drives and Genome Modification in Non-Human Animals: A Concern for Informed Consent?</i></p> <p>Anders Nordgren, Linköping University <i>First-in-human trials on genome editing: Strategies for handling uncertainty about benefit and uncertainty about harm</i></p>	<p>Panel VI: GE for human enhancement</p> <p>Chair: Christoph Rehmann-Sutter, University of Luebeck</p> <p>Lucia Galvagni, Bruno Kessler Foundation <i>Human enhancement and genome editing technologies: Any role for religion in the debate?</i></p> <p>Toni Pustovrh, University of Ljubljana <i>Human Enhancement through Genome Editing: Some Glimpses of the Future Bioethical and Governance Landscapes regarding the use of Synthetic Biology Tools to Augment Our Capabilities</i></p> <p>Alexandre Erler, University of Hong Kong <i>Genome editing at the intersection of prevention and enhancement</i></p>
19:30	Dinner	

21th August 2017

Time	Conference Hall A	Conference Hall B	Conference Hall C
9:00-10:30	Round table: Discussion on Genome Editing by the Members of the International Scientific Committee		
10:30-10:45	Coffee break		
10:45-12:15	<p>Panel VII: Discussing the debate</p> <p>Chair: John Harris, University of Manchester</p> <p>Anders Sandberg, Future of Humanity Institute, Oxford Martin School, University of Oxford <i>Seceding from humanity? The ethics of technologically mediated speciation</i></p> <p>Oliver Feeney, NUI Galway, Ireland <i>Editing the debate: Critically assessing the normative reactions to gene-editing</i></p> <p>Marta Spranzi, Center for clinical ethics, Cochin Hospital (Paris) <i>On bio-technological revolutions: Can ethicists think in advance, and should they</i></p>	<p>Panel VIII: GE of the Germline</p> <p>Chair: Rob Sparrow, Monash University</p> <p>Nadia Primc, University of Heidelberg <i>Manipulation in human germ lines: A severe intervention into human nature?</i></p> <p>Christoph Rehmann-Sutter, University of Luebeck <i>The Germline as Intergenerational Relationship</i></p> <p>Sepe Segers, Heidi Mertes, Guido Pennings, Ghent University <i>Genome editing and in vitro gametogenesis: The dawn of designer babies?</i></p>	<p>Panel IX: Redefining the notions of disease, benefit and harm</p> <p>Chair: Katrien Devolder, University of Oxford</p> <p>Milena Ugrin, Maja Stojiljkovic, Sonja Pavlovic, University of Belgrade <i>Gene editing meets gene therapy of beta thalassemia syndromes</i></p> <p>Peter Sýkora, University of Sts. Cyril and Methodius <i>Analysis of the gene therapy concept in the context of genome editing</i></p> <p>Milica Prostran, University of Belgrade <i>Biosimilars: Switching and interchangeability</i></p>
12:15-13:45	Lunch break	Lunch break	Lunch break
13:45-15:15	<p>Panel X: Why edit embryos, if we can select them?</p> <p>Chair: Anders Sandberg, Future of Humanity Institute, Oxford Martin School, University of Oxford</p> <p>Katrien Devolder, Thomas Douglas, University of Oxford <i>Gene editing, genetic selection and the benefit to the child</i></p>	<p>Panel XI: Regulating GE</p> <p>Chair: Josephine Johnston, The Hastings Center</p> <p>Daniel Andler, Université Paris-Sorbonne <i>Towards a well-founded and realistic policy for genome editing technology</i></p>	<p>Panel XII: GE and the mind: past, present and future</p> <p>Chair: Carolyn P. Neuhaus, NYU School of Medicine</p> <p>Brendan Parent, NYU School of Professional Studies <i>Using Psychology to Inform Ethics of Germline Engineering</i></p>

21st August 2017

Time	Conference Hall A	Conference Hall B	Conference Hall C
13:45-15:15	<p>Panel X: Why edit embryos, if we can select them?</p> <p>Blanca Rodríguez López, Universidad Complutense de Madrid <i>Advantages of genetic manipulation over selection in the context of Procreative Beneficence</i></p> <p>Herjeet Marway, University of Birmingham <i>Procreative justice, genetic selection and genome editing in the case of fair skin</i></p>	<p>Panel XI: Regulating GE</p> <p>Rachel Thompson, Michael McNamee, Bebhinn Donnelly-Lazarov, Swansea University <i>Towards harmonization: Key concepts in international governance of biobank genomic research</i></p> <p>Quinn Walker, Stanford Law School <i>Requiring Reversal: Gene Drives and the Impossibility of Regulation</i></p>	<p>Panel XII: GE and the mind: past, present and future</p> <p>Derek So, McGill University <i>CRISPR in the Imagination: Concepts of Human Genome Editing, From the 1930s to the Present</i></p> <p>Maurizio Balistreri, University of Turin <i>Genome editing and reproduction based on model embryos</i></p>
15:15-15:45	Coffee break	Coffee break	Coffee break
15:45-17:15	<p>Panel XIII: Equity and Equality</p> <p>Chair: Oliver Feeney, NUI Galway</p> <p>Hon-Lam Li, Chinese University of Hong Kong <i>Genetic Enhancement and Fairness</i></p> <p>Nancy M. P. King, Wake Forest School of Medicine <i>Gene Editing: Who (Really) Needs It?</i></p> <p>Erika Kleiderman, Bartha Maria Knoppers, McGill University, Montreal <i>Gene editing in sport: The rise of the 'super athlete'?</i></p>	<p>Panel XIV: Genetic interventions and identity</p> <p>Chair Marta Spranzi, Center for clinical ethics, Cochin Hospital (Paris)</p> <p>Bjørn Hofmann, The Norwegian University of Science and Technology (NTNU) at Gjøvik and The University of Oslo <i>The gene-editing of Super-ego</i></p> <p>Ivars Neiders, Riga Stradiņš University <i>How Mitochondrial Replacement Affects Identity</i></p> <p>Martin Šolc, Petr Šustek, Charles University <i>Gene editing in Down syndrome patients from the perspective of identity</i></p>	<p>Panel XV: Young researchers of the Center for the Study of Bioethics</p> <p>Chair: Dejan Pejović, CSB, Belgrade</p> <p>Jelena Dimitrijević, CSB, Faculty of Philosophy, Belgrade University <i>Tailoring our biology with molecular scissors: Gene editing and evolution</i></p> <p>Ursela Barteczko, CSB, Belgrade <i>Metabolic Engineering of Humans</i></p> <p>Danilo Polić, CSB, Faculty of Philosophy, Belgrade University <i>Do we have a moral duty to use CRISPR/Cas9?</i></p>
17:30	Touristic tour through Belgrade		

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