

# Health, Culture and the Human Body

Principles of Biomedical Ethics, Genetics and Human Enhancement

The frontlines of biomedical developments are expanding at an increasing speed. Novel technologies such as genome editing or repairing tissues in the human body or changing behavior through drugs are promoted with great emphasis on how they might improve human life. At the same time, they raise profound concerns and fears. Since medical ethics began to professionalize in the 1970s, there has been demand on ethicists to increase their efforts to help society come to terms with the new possibilities and risks of biotechnologies. For almost four decades, Beauchamp and Childress's foundational *Principles of Biomedical Ethics* has provided a widely used framework for the analysis of questions arising in healthcare and biomedical research. Now in its 7<sup>th</sup> English edition (2012), which has recently been translated into Turkish by Dr. M. Kemal Temel (2017), the book of the highly recognized principles of the diverse field of medical ethics is still being subject to a lively debate, increasingly beyond the limits of Anglo-Saxon and general Western discourses. The cultural adaptability of any given set of ethical principles is controversial yet growing in importance in an interconnected world of health tourism and strategic choices of convenient research locations, especially by the industry.

This year's conference will focus on the rapidly changing areas of genetic and genomic science and other forms of enhancement. We want to discuss principlist and other innovative ethical approaches to these biotechnologies, consider the historical formation of contemporary bioethics, and examine the history of reading and rewriting human nature with the aim to restore, enhance, or innovate bodily and mental functions.

We particularly welcome interdisciplinary perspectives from areas such as medical history and ethics as well as human and social sciences in healthcare (medicine studies, epidemiology, social anthropology). Our four earlier conferences under the theme "Health, Culture and the Human Body" (Mainz 2010, Istanbul 2012 & 2014, Bremen 2016) established a dynamic platform for a collaborative discourse on medical interventions and organ transplantation as well as palliative care and the topic of migration and health. Such international and interdisciplinary discussion from ethical, historical and epidemiological perspectives has been the "trademark" of our congress series.

## 4 October 2018, Thursday

### Venue

Istanbul University Conference Center (İstanbul Üniversitesi Kongre ve Kültür Merkezi) Beyazıt, Istanbul

### 12.00 – 13.00 Registration

### 13.00 – 13.30 Welcome

**Assoc. Prof. Hakan Ertin**  
Istanbul Faculty of Medicine, Istanbul University - Director of Beşikçizade Center for Medical Humanities (BETİM)

**Dr. Ahmet Özdemir**  
President of Hayat Foundation for Health and Social Services

**Prof. Dr. Mahmut Ak**  
President of Istanbul University

### 13.30 – 14.05 Keynote Address

**Christine Hauskeller** (Exeter, UK)  
The role of philosophy in shaping biomedical science

### 14.05 – 14.15 Break

### 14.15 – 15.25 Genetics and Ethics

**Chair:** Aasim I. Padela (Chicago, US)

### 14.15 – 14.35 Khalid Al-Ali (Doha, QA)

Duty to know in genomic area

### 14.35 – 14.55 Clara Hick (Exeter, UK)

Genetics and identity

### 14.55 – 15.15 Achim Rosemann, Christine Hauskeller (Exeter, UK)

Heritable gene editing in humans: Discussing the opportunities and limitations of international guidelines

### 15.15 – 15.25 Questions & Answers

### 15.25 – 15.35 Break

### 15.35 – 16.45 Human Enhancement

**Chair:** Christine Hauskeller (Exeter, UK)

### 15.35 – 15.55 Jennifer Schmid, Ralf J. Jox (Munich, DE)

Ethics and brain-computer-interfaces: A mixed-methods-study with healthy users

### 15.55 – 16.15 Tayyibe Bardakçı, Hakan Ertin (Istanbul, TR)

A discussion of the emerging ethical problems in implantable chip technology as inspired by the series Black Mirror

### 16.15 – 16.35 Melike Şahinol (Istanbul, TR)

Unless they do not build cyborgs' Ethics missing the point of cyborg constitution in neuroscientific trials

### 16.35 – 16.45 Questions & Answers

### 16.45 – 16.55 Break

### 16.55 – 18.05 Human Nature, Human Dignity

**Chair:** Murteza Bedir (Istanbul, TR)

### 16.55 – 17.15 Esra Kartal Soysal (Istanbul, TR)

The future of human nature: An inquiry in the context of transhumanism

### 17.15 – 17.35 İsmail Lala (Oxford, UK)

Human nature and the immutable essences in the metaphysical/ethical weltanschauung of Ibn 'Arabi

### 17.35 – 17.55 Şaban Ali Düzgün (Ankara, TR)

Philosophical and theological roots of the conceptualization of human dignity

### 17.55 – 18.05 Questions & Answers

## 5 October 2018, Friday

### Venue

Istanbul University Conference Center (İstanbul Üniversitesi Kongre ve Kültür Merkezi) Beyazıt, Istanbul

### 09.30 – 10.05 Keynote Address

**Dieter Birnbacher** (Düsseldorf, DE)  
The ethical ambivalence of enhancement

### 10.05 – 11.40 Human Enhancement Transhumanism & Posthumanism

**Chair:** M. İhsan Karaman (Istanbul, TR)

### 10.05 – 10.25 Hakan Ertin, Tayyibe Bardakçı (Istanbul, TR)

A normative approach to human enhancement debate

### 10.25 – 10.45 Cenk Özdağ (Ankara, TR)

Humanist reactions to human enhancement and transhumanism

### 10.45 – 11.05 Jiwon Shim (South Korea)

My Body in Heaven project: The definition of the boundaries of my body in posthuman

### 11.05 – 11.25 Hakan Darıcı, Erdal Karaöz (Istanbul, TR)

Transhumanism and human enhancement: Role of stem cells and exosomes

### 11.25 – 11.40 Questions & Answers

### 11.40 – 11.50 Break

### 11.50 – 12.40 Principles of Biomedical Ethics

**Chair:** Fuat Oduncu (Munich, DE)

### 11.50 – 12.10 İlhan İlkılıç (Istanbul, TR)

Can principlism be used as a universal concept for solving clinical ethical problems?

### 12.10 – 12.30 Melike Konuk, Murat Civaner (Bursa, TR)

Does principlism provide enough guidance on ethical problems? The example of genetic diagnosis and therapy

### 12.30 – 12.40 Questions & Answers

### 12.40 – 14.20 Lunch Break

### 14.20 – 14.55 Keynote Address

**Aasim I. Padela** (Chicago, US)  
Ethical considerations of genetic and genomic technologies and information use for human reproduction

### 14.55 – 16.05 Genetics, Ethics, Human Research

**Chair:** M. Alpertunga Kara (Istanbul, TR)

### 14.55 – 15.15 Cemal Hüseyin Güvercin (Izmir, TR)

Designer babies with gene editing: Utopia or dystopia?

### 15.15 – 15.35 İbrahim Topçu (Istanbul, TR)

Ethical boundaries of genomic editing applications

### 15.35 – 15.55 Mukadder Gün (Ankara, TR)

International standards of human research (2018) and the sample of Turkey (a critical approach)

### 15.55 – 16.05 Questions & Answers

### 16.05 – 16.15 Break

### 16.15 – 17.45 Genetics and Ethics

**Chair:** İlhan İlkılıç (Istanbul, TR)

### 16.15 – 16.35 Selvi Çopur (Münster, DE)

Ethical assessment of genetic prevention measures in consanguineous marriages in Muslim societies

### 16.35 – 16.55 Ülkücan Kaplan (Ankara, TR)

Genetic counseling in Turkey and bioethics

### 16.55 – 17.15 Başak Işıl Çetin (Istanbul, TR)

Discrimination based on genetic information in working life

### 17.15 – 17.35 Hatice Keskin (Ankara, TR)

Genetics in service of a better life

### 17.35 – 17.45 Questions & Answers

### 19.00 – 22.00 Gala Dinner

## 6 October 2018, Saturday

### Venue

Beşikçizade Center for Medical Humanities (BETİM)

### 09.30 – 10.05 Keynote Address

**Fuat Oduncu** (Munich, DE)  
The role of ethical principles (principlism) in end-of-life medicine

### 10.05 – 11.15 The Beginning and the End of Life / Hall 1

**Chair:** Achim Rosemann (Exeter, UK)

### 10.05 – 10.25 Ayşenur Günaydın (Istanbul, TR)

The ongoing ethical debate: Mitochondrial donation

### 10.25 – 10.45 Sarah Jafri

Ethical implications of mitochondrial donation

### 10.45 – 11.05 Betül Kılıç, Murat Civaner (Bursa, TR)

Aborting the fetuses with Down syndrome: Is it ethically justifiable?

### 11.05 – 11.15 Questions & Answers

### 11.15 – 11.25 Break

**10.05 – 11.15 The Beginning and the End of Life / Hall 2****Chair:** Mukadder Gün (Ankara, TR)**10.05 – 10.25 Tutku Özdoğan, İlhan İlkılıç** (Istanbul, TR)  
How do Turkish parents decide for their children at the end of life?**10.25 – 10.45 Selda Okuyaz, Meltem Direk, Oya Ögenler, Didem Derici Yıldırım** (Mersin, TR)  
A pilot study on empathy skills of pediatrics**10.45 – 11.05 Annette Kurrle** (Mainz, DE)  
Medical ethical questions at the end of life in geriatrics and the intercultural aspect**11.05 – 11.15 Questions & Answers****11.15 – 11.25 Break****11.25 – 12.40 Genetics and Ethics****Chair:** Khalid Al-Ali (Doha, QA)**11.25 – 11.45 Cihan Taştan** (Istanbul, TR)  
Hope and cure for treatment of genetic/rare diseases with CRISPR Genome Repair Technology**11.45 – 12.05 Davide Battisti** (Milano, IT)  
CRISPR/CAS9 and CRISPR/EvoCas9. Ethical issues in Germline Gene Editing**12.05 – 12.25 Maide Barış** (Istanbul, TR)  
Resemblance of genome editing and prenatal elimination: An ethical inquiry**12.25 – 12.40 Questions & Answers****12.40 – 13.40 Lunch Break****13.40 – 15.35 New Technologies, Ethics, Privacy****Chair:** İnanç Özekmekçi (Kayseri, TR)**13.40 – 14.00 Murat Civaner, Filiz Bulut** (Bursa, TR)  
Can artificial intelligence practice medicine? A critical appraisal with reference to present-day medicine**14.00 – 14.20 Gülten Özkan, Murat Civaner** (Bursa, TR)  
Evolution of nursing profession at the dawn of humanoids: Adaptation or assimilation?**14.20 – 14.40 Yusuf İhsan Özdilek, Enes Pay, Ahmet Ali Çelik** (Istanbul, TR)  
Using Google glass in medicine and potential ethical issues**14.40 – 15.00 Zeynep Aybikem Sağlam, Mehmet Göktuğ Günel, Hakan Ertin, Mehmet Ali Sungur, Şükrü Öksüz** (Düzce, TR)  
Privacy perception of medical students and health professionals and recent debates in Turkey**15.00 – 15.20 Rabia Yücel, Merve Karaca, Muhammed Cihan Işık, Çağrı Emin Şahin** (Ankara, TR)  
Evaluating social media use in disasters from an ethical perspective**15.20 – 15.35 Questions & Answers****15.35 – 15.45 Break****15.45 – 16.55 Historical Approach****Chair:** Murat Civaner (Bursa, TR)**15.45 – 16.05 Mustafa Sayar** (Istanbul, TR)  
Request healing from gods**16.05 – 16.25 Arın Namal, Hakan Kızıltan** (Istanbul, TR)  
The scientist and painter Akil Muhtar Özden (1877-1949) from the virtue ethics perspective and his work entitled "Ethics in Terms of Science"**16.25 – 16.45 Alexandra Bettag** (Munich, DE)  
Contemporary ethics seen in the historical perspective: early modern thought as the beginning of questioning of values**16.45 – 16.55 Questions & Answers****16.55 – 17.05 Break****17.05 – 18.15 Workshop: Interculturality at the End of Life****Moderators:** Fuat Oduncu (Munich, DE)  
İlhan İlkılıç (Istanbul, TR)**18.15 – 18.30 Closing Remarks****İlhan İlkılıç****ORGANIZATION****Congress Presidency**  
Hakan Ertin, İlhan İlkılıç, Rainer Brömer  
Istanbul University, Istanbul Faculty of Medicine**Congress Secretary**  
Ahmet Karakaya  
University of Exeter, Center for the Study of Life Sciences (EGENIS)**Tayyibe Bardakçı**  
Istanbul University, Istanbul Faculty of Medicine**INFORMATION AND CONTACT****Tayyibe Bardakçı, Maide Barış**  
E-mail: info.hchb@gmail.com**CONGRESS VENUE****4-5 October 2018** Istanbul University  
Conference Center, Beyazıt Campus**6 October 2018** Beşikçizade Center for Medical Humanities (BETİM)  
Kızılelma St., Topçu Emin Bey Dr. 4, Fındıkzade, Istanbul**LANGUAGES**

Conference language is English.

**ACCOMMODATION – Recommended Hotels****Hotel Linda, Beyazıt**  
Phone: +90 212 517 28 50  
www.istanbulhotellinda.com  
Room price (single) € 25**Wyndham Istanbul Old City, Laleli**  
Phone: +90 212 514 90 00  
www.wyndhamhotels.com  
Room price (single) € 70**PATRONAGE**

The conference will be held under the auspices of Prof. Dr. Mahmut Ak, president of Istanbul University, and Dr. Ahmet Özdemir, president of Hayat Foundation for Health and Social Services.

**FUNDED BY THE HAYAT FOUNDATION**[www.hchb.istanbul](http://www.hchb.istanbul)The 5<sup>th</sup> International and Interdisciplinary Conference on**Health, Culture and the Human Body**Principles of Biomedical Ethics,  
Genetics and Human Enhancement

4-6 October 2018 • Istanbul • Turkey

