

09.40 - 11.10 @Balcony Room

One Health: Exploring the Effects of Contemporary Legal, Environmental, and Technological Challenges to Digital Health Research

organised by



Workshop overview

As part of its active role in cutting-edge legal and interdisciplinary research, the Department of Innovation and Digitalisation in Law at the University of Vienna (UNIVIE) will contribute to the **3rd Health, Law, and Technology Symposium (HELT 2025)** with a dedicated workshop on “**One Health: Exploring the Effects of Contemporary Legal, Environmental, and Technological Challenges to Digital Health Research.**”

The workshop aligns with HELT 2025's central theme “One Health: Advancing Global Health through Law and Technology” and serves as a forum to reflect on key legal, ethical, and technological questions surrounding digital health research in light of current EU regulatory developments. This event is part of the dissemination efforts for three major research projects in which UNIVIE is involved as a legal partner:

- **BBMRI.at** (Biobanking and BioMolecular Resources Research Infrastructure Austria)
- **COMMUTE** (Comorbidity Mechanisms Utilized in Healthcare)
- **SYNTHIA** (Synthetic Data Generation for AI Healthcare Applications)

Objectives & Key Questions

To set the context for the agenda of the workshop, the session begins with opening remarks from University Professor Dr. Nikolaus Forgó, the head of the Department of Innovation and Digitalisation in Law, University of Vienna. This will then be followed by brief presentations introducing each of the three projects, giving an insight into the ethical, legal, and societal angles that will inform the subsequent discussions. An interactive warm-up exercise will allow the participants to get acquainted with the theme of the workshop. Later on, the workshop will simultaneously conduct three focus-group discussions, each led by one of the projects. These sessions will be in the form of structured group discussions. The workshop will examine the following questions, each question discussed by one of the groups:

- How will the new EU legal acts, dealing with secondary use of health data and samples of human origin, impact biobanks and the facilitation of scientific research objectives?
- What ethical and regulatory considerations arise when using AI in disease surveillance and comorbidity risk prediction?
- What are the requirements for the generation and responsible use of synthetic health data, ensuring privacy, data quality, and bias mitigation?

Each group will be asked to shortly present the outcomes of their discussions, which will be moderated by Prof. Forgó, who will afterwards also close the workshop with some concluding remarks.



Project Spotlights

BBMRI.at – Biobanks as Data Infrastructures

Legal analysis of broad consent, secondary data use, sustainability (Green Biobanking), and regulatory frameworks for human and veterinary biobanks.

COMMUTE – Post-COVID Neurodegeneration & AI

Legal and ethical implications of AI-driven patient classification using biomarkers; impact on privacy, rights, and medical ethics.

SYNTHIA – Synthetic Data for Healthcare AI

Development of tools and frameworks for generating, evaluating, and sharing synthetic data to train responsible AI models in clinical research.

Speakers/Workshop leaders

Rodessa May Marquez – University of Vienna

Klaudia Kwiatkowska – University of Vienna

Syed Zulkifil Haider Shah – University of Vienna

Boris Kandov – University of Vienna

Moderation: Univ.-Prof. Dr. Nikolaus Forgó – University of Vienna

Format

- Welcome & Opening Remarks
- Introduction to Projects & Framing Discussion Questions
- Interactive Warm-Up Exercise
- Small Group Discussions
- Group Presentations & Wrap-Up Reflections

Organiser

Department of Innovation and Digitalisation in Law

University of Vienna

www.univie.ac.at/id-law

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