

# MEDICAL RESEARCH: LAW, SCIENCE & TECHNOLOGIES

6 DAYS OF THE VIBRANT DEBATES AND INTENSIVE LEARNING  
WINTER/SPRING SCHOOL WHEN DIFFERENT DISCIPLINES COME TOGETHER

26/05/2022 - 02/06/2022

Day 1, 26th May 2022

**Theme 1. Medical Dilemmas and Decision-Making - A Trade-off between Autonomy and Paternalism. Linking Law, Medicine and Technology (AI)**

9.00. Few Words of Introduction. Magnifico Rettore Francesco Svelto

9.15. Inauguration of Winter/Spring School in Medicine, Law & Technology, Head of Political & Social Sciences Department. Prof Silvia Figini

**The New Challenges and the EU Institutions' Perspective**

9.30. **THOMPSON Ceri**, Deputy Head of E-Health, DG, CNECT, H3, "eHealth, Well-Being and Ageing, European Commission  
*Digital Health: the view from the European Commission*

10.30. **BOUCHER Philip Nicholas**, Policy Analyst for the Future of Science and Technology, European Parliament  
*Artificial Intelligence at the European Parliament, Methods and Policy*

11.30. **RODRIGUES João**, Senior Legal Advisor and Coordinator for Digital Law, European Parliament  
*Regulating AI: a balancing exercise*

12.30-13.30. Roundtable: University of Pavia & International Guests:  
*Institutional Challenges, Interconnection between Disciplines in Light of the AI Evolution*

13.30. Lunch

15.00. Student's Participation

15-30 - 17.00. A PBL Session for Students ( Scenario 1)

Day 2, 27th May 2022

**Theme 2. Public Health Systems: Legal Traps between Autonomy and Medical Liability**

10.00. **A Few Considerations Regarding Public Health Systems and AI** (A Team from San Matteo Hospital, Pavia)

11.00. **ASHCROFT, RICHARD**, Deputy Dean Law School, City University, London  
*Law, ethics, technology and uncertainty: Thinking about regulation in a time of rapid change*

12.00. **TIMO MINSEN**, Founding Director of UCPH's Center for Advanced Studies in Biomedical Innovation Law (CeBIL), University of Copenhagen  
*The Times They Are A-Changin': ELSPI Perspectives on Big Data, Smart Data, AI & Quantum Technologies in the Health & Life Sciences*

13.00. Roundtable Debate: International Guests and University of Pavia Scholars:  
*Public Health Systems and the New Technologies*

15.00. Students' Participation

15.30.-17.00. PBL Scenario 2

Day 3, 28th May 2022

**Theme 3: Car-T Cell Therapy and the New Rights**

9.00. **JOHN GRIBBEN**, MD, DSc, Gordon Hamilton Fairley Chair of Medical Oncology, University of London  
*Car-T Cell Therapy*

10.00. **ULRICH JÄGER**, MD, Co-Chair of EMA's Health Care, , Coordinator of the Austrian Car-T cell Network, Medical University Vienna  
*Rights related to patients/health care providers/industry/academia?*

11.00. **GIAMPAOLO MERLINI**, MD, Director of the Center for Research and Treatment of Systemic Amyloidosis  
*Discussing the Paper: CAR T-cell therapy roll-out in low-income and middle-income countries*

11.45. **COMOLI PATRIZIA**, MD, Director of the GMP Facility and Center for Advanced Cellular Therapies at the Fondazione IRCCS Policlinico S. Matteo, Pavia,  
*The challenge of expanding access to CAR T-cell therapy in middle- and low-income countries*

12.25. **RICHARD GRIMES**, Former Director of Clinical Programmes, Charles University Prague and at Edinburgh Law School  
*Experimental learning: experiential learning in in the context of rights and Car-T-Cell Therapy: Exercise*

13.00. Roundtable

13.30. Students' Participation

Day 4, 30th May 2022

**Theme 4: OK Google, am I sick? Artificial intelligence and e-health**

9.00. **FRANK PASQUALE**, University of Brooklyn, US, Author of *The Black Box Society: The Secret Algorithms That Control Money and Information* (Harvard University Press)  
*Machines Judging Humans*

10.00. **PAOLO GUARDA**, Law School, University of Trento  
*Ok Google, Am I Sick?: eHealth between Artificial Intelligence and Personal Data Protection*

11.00. **PIETRO BALBI**, Head of the Department of Severe Brain Injuries Rehabilitation, Polo Riabilitativo del Levante Ligure, Fondazione Don Carlo Gnocchi ONLUS, La Spezia, ITALY  
*AI: challenges and opportunities in Neurology*

13.00. Roundtable: *AI and its Shortcomings*

15.00. Students' participation.

15.30.-16.30. PBL Scenario 1 (Conclusions: Meeting the learning Outcomes)

Day 5, 31st May 2022

**Theme 5. AI, Intellectual Property, Patentability**

10.00. **PETER HARRISON**, Law School, University of York  
*DNA Patentability*

11.00. **SVEN J.R. BOSTYN**, Institute for Information Law (IVIR) of the University of Amsterdam  
*IP Law in an Age of Pandemics*

13.00. Roundtable: *Technology, Medicine and Patentability*

15.00. Student's Participation

15.30.-17.00. PBL Scenario 2 (Conclusions: Discussing Learning Outcomes)

Day 6, 1st June 2022

**Theme 6. Alternative Medicine, Natural Remedies and the Law confronted with Technological Progress**

10.00. **JOSEPH TANEGA**, Vrije Universiteit Brussel  
*Traditional Chinese Medicine and Effective Cures to Modern Global Diseases*

11.00. **PETER HARRISON**, Law School, University of York  
*Drug Discovery and Indigenous People's Rights to Genetic Resources*

12.00. Closing Lecture: **FRANK PASQUALE**, Author of *The Black Box Society: The Secret Algorithms That Control Money and Information* (Harvard University Press)  
*The Black Box Society*

13.00. Roundtable: *Findings and Conclusions*

15.15. Students' Participation

15.45. Students' Conclusions

When the Past Meets the Future and  
the Disciplines Interact

800 YEARS OF HISTORY AT THE UNIVERSITY OF PAVIA

SCHOOL DIRECTOR:  
PROF. KATARZYNA GROMEK-BROC

INFORMATION ABOUT REGISTRATION FEES  
AND DETAILS OF OUR SPEAKERS AT:  
[HTTP://MEDICALRESEARCH.SCHOOL/SITE/](http://MEDICALRESEARCH.SCHOOL/SITE/)

