

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**

9.30. Opening Speech, **Prof. Renato Balduzzi**, Expert in Constitutional Law of Health and Health Law. He was Minister of Health of the Monti government.

The New Challenges and the EU Institutions' Perspective

10.00. **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

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

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

13.00-13.30. 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 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**, University of Copenhagen
IP Law in an Age of Pandemics

12.00. **FRANCESCO BANTERLE**, HOGANLOVELLS,
Ownership of Inventions Created by Artificial Intelligence

13.00. **GIORGIO REMOTTI**, Dipartimento di Scienze Economiche e Aziendali, Pavia,
Few Remarks on the Ownership of Inventions made by AI

13.15. 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

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

