

# 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. Student's 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

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