



Workshop

# EARLY

dEsigning an ARtificial intelligence-based sYstem for improving diagnosis, treatment, and monitoring of patients with rare diseases preserving fundamental rights

*Progetto vincitore della linea D del Bando d'Ateneo 2022*

**Giorgia VULPIANI** / Principal Investigator

*Department of Law, University of Macerata*

**AI systems and the protection of fundamental rights**

**Chiara IORIO** / substitute Principal Investigator

*Department of Law, University of Macerata*

**AI and medical liability**

**Katia DE BLASIO**

*Department of Law, University of Macerata*

**Liability for defective artificial intelligence**

**Aixa GÁLVEZ JIMÉNEZ**

*Department of Law, University of Granada*

**AI and criminal liability**

**Samantha MILANESI**

*Division of immunology and children's research center, pediatric immunology  
University of Zurich*

**Screening of pathogenic variant in PID with AI**

**Guido PELLETTI**

*Department of Medical Sciences, University of Bologna*

**AI and medicine**

**Francesca Pia VILLANI**

*Department of Humanities, University of Macerata*

**Artificial Intelligence for primary immunodeficiency diagnosis:  
state of the art and future directions**

**Niccolò TESTI**

*Department of Law, University of Macerata*

**Economic evaluation of AI tools in rare disease diagnostics**

**Roberto BONFIGLI**

*R&D area, MAC s.r.l.*

**AI applications in real world scenario**

**MARTEDÌ 12 DICEMBRE 2023 | 15.00 – 19.00**  
**Aula Viola 3 – Polo Pantaleoni**