



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA

AREA  
FORMAZIONE E DOTTORATO

## ISA Doctoral Prize

Premio destinato a Dottorandi dell'Università di Bologna (a.a. 2023-2024) per ricerche interdisciplinari.

Prima fase - Elenco dei progetti selezionati

<b>Titolo del progetto</b>	<b>Dottorato di ricerca</b>
<i>Development of innovative and highly performing diagnostic techniques in the field of veterinary pharmacology and toxicology and in support of internal medicine</i>	<i>Scienze Veterinarie</i>
<i>Microfluidics-based multilevel characterization and validation of innovative protease-targeting immunotherapies</i>	<i>Oncology, Hematology and Pathology</i>
<i>Fuel Cell Electric Vehicles (FCEVs) modeling: from subsystems' optimization to LCA analysis</i>	<i>Automotive Engineering for Intelligent Mobility</i>
<i>Bacterial Cellulose from Kombucha Tea: an Innovative Green Material</i>	<i>Nanoscience for Medicine and the Environment</i>
<i>Logics For Explainable AI in The Normative Domain</i>	<i>Law Science and Technology</i>
<i>Chemically engineering of carbon nanomaterials for translation to nanomedicine</i>	<i>Nanoscience for medicine and the environment</i>
<i>Enhancing Soil Health Using Wheat Diversity</i>	<i>Agricultural, Environmental and Food Science and Technology</i>
<i>Investigating Novel Oncogenic Pathways Using Liquid Biopsy In Metastatic Tumors</i>	<i>Oncology, Hematology and Pathology</i>
<i>Sviluppo di una applicazione di "computational virtual surgery" basata su modelli anatomici 3D patient-specific per il supporto al planning chirurgico</i>	<i>Scienze Chirurgiche e Tecnologie Innovative</i>



<i>From the Physical World to a Mediated Reality: The Impact of Extended Reality on Fundamental Rights</i>	<i>Law, Science, and Technology</i>
<i>Nanobiotechnological engineering of the M13 bacteriophage for targeted photodynamic cancer therapy</i>	<i>Cellular and Molecular Biology</i>
<i>Development of the first Autosomal Dominant Leukodystrophy (ADLD) organoid models for understanding the pathological morphofunctional mechanisms and drug testing</i>	<i>Biomedical and Neuromotor Sciences</i>
<i>Competition Law and Labour Market: the Challenges of Digitalization</i>	<i>European Law</i>
<i>Proteins as “Trojan Horses” in nanomedicine</i>	<i>Nanoscience for the medicine and the environment</i>
<i>Proge,azione e sviluppo di un tool per il training e il planning chirurgico di interven: di chirurgia dell’orecchio che combina simulatori fisici 3D-printed e realtà virtuale</i>	<i>Scienze Chirurgiche e Tecnologie Innovative</i>
<i>Sustainable Energy Transition: Leveraging End-of-Life Electric Vehicle Batteries for Stationary Storage Systems</i>	<i>Automotive Engineering for Intelligent Mobility</i>
<i>The Economic Interaction between Humans and Artificial Intelligence</i>	<i>Economics</i>
<i>“The Space-AI nexus: opportunities and challenges for the new space era”</i>	<i>Law, Science, and Technology</i>
<i>From gestures to words: Understanding early language delays across different populations</i>	<i>Psychology</i>