



UNIMORE
UNIVERSITÀ DEGLI STUDI DI
MODENA E REGGIO EMILIA

Doctor of Philosophy (Ph.D.) Program in
Clinical and Experimental Medicine



PhD Day – December 15, 2023

[Aula CS0.1 Medicine and Surgery Didactic Center – 71 Del Pozzo Street, Modena](#)

Morning Session (09.30 - 13.30)

09.30 Barbieri Emiliano

Title: Impact of gain/amplification of chromosome arm 1q21 on daratumumab-based therapies in multiple myeloma

Supervisor: Luminari Stefano

09.40 Bonamici Lia

Title: Novel diagnostic NGS-based workflows in breast and ovarian cancer

Supervisor: Tagliafico Enrico

09.50 Buia Veronica

Title: Role of IL-1 superfamily in large vessel vasculitis

Supervisor: Croci Stefania - Salvarani Carlo

10.00 Caraffi Riccardo

Title: Self-assembling protein-based nanoparticles for gene delivery

Supervisor: Ruozi Barbara - Vandelli Maria Angela

10.10 Catani Virginia

Title: Dissecting the potential of Extracellular Vesicles between therapeutics and diagnostics

Supervisor: Dominici Massimo

10.20 Catellani Hillary

Title: Pre-treatment risk scores in elderly patients with newly diagnosed acute myeloid leukaemia (AML): A new paradigm for treatment allocation

Supervisor: Luminari Stefano

10.30 Centonze Leonardo

Title: Shifting paradigms in radiological assessment of tumor load in liver transplantation for HCC: multi-centric analysis of the impact of LI-RADS classification on preoperative outcome prediction

Supervisor: Di Sandro Stefano - Di Benedetto Fabrizio

10.40 Donati Danilo

Title: Functional evaluation through the use of 3D show-motion sensors in patients undergoing total hip replacement surgery with the robotic system for rehabilitation purpose

Supervisor: Catani Fabio



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10.50 Esposito Giuseppe

Title: Development of an artificial intelligence model for diagnosis and evaluation of therapeutic response in patients with HCC from contrast-enhanced CT Scans with histological confirmation
Supervisor: Di Benedetto Fabrizio

11.00 Gavioli Gaia

Title: Platelet-based therapies for oncological use: pre-clinical characterization
Supervisor: Merolle Lucia - Luminari Stefano

11.10 Gentile Pietro

Title: New perspectives in the ophthalmological management of vitreoretinal lymphoma
Supervisor: Cimino Luca

11.20 Greco Carla

Title: Liver fibrosis and diabetic peripheral neuropathy in individuals with type 2 diabetes mellitus: prospective cross-sectional study
Supervisor: Simoni Manuela

11.30 Malpezzi Giulia

Title: Exploiting the Optical Tweezer, a single molecule technology, to reveal thymidylate synthase interactions with its consensus mRNA
Supervisor: Costi Maria Paola

11.40 Marvisi Chiara

Title: The development of the Takaysu's Arteritis Disease Activity Index
Supervisor: Salvarani Carlo - Muratore Francesco

11.50 Maselli Deborah

Title: Implementing a nurse-led multidisciplinary service for Nipple-Areola Complex Tattooing after breast cancer surgery: the impact on women's quality of life, health care providers and professionals.
Supervisor: Guberti Monica - Ferri Paola

12.00 Miselli Francesca

Title: Surviving Sepsis Calculator. Predicting severe outcomes in preterm infants with late-onset Sepsis
Supervisor: Berardi Alberto

12.10 Moschella Maria Gaetana

Title: Thymidylate Synthase dimer disrupters induce DNA damage response signaling triggering apoptosis in colorectal cancer cells.
Supervisor: D'Arca Domenico



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12.20 Palandri Lucia

Title: Applying Public Health Methodology to study health-related outcomes in the province of Modena

Supervisor: Righi Elena

12.30 Pozzi Stefano

Title: Cell-based therapies in Onco-Hematology in the era of novel agents

Supervisor: Luminari Stefano

12.40 Puccio Noemi

Title: Dissecting the role and the druggability of the lncRNA NEAT1 in multiple myeloma

Supervisor: Ciarrocchi Alessia - Neri Antonino - Fragliasso Valentina

12.50 Ricchi Francesco

Title: Evaluation of the immunomodulatory effect of bacterial lysates in in vitro models

Supervisor: Pericolini Eva

13.00 Trudu Lucia

Title: GD2 CAR T Cells Immunotherapy For Small Cell Lung Cancer: potential combinatorial approaches

Supervisor: Dominici Massimo

Conclusions