



UNIMORE
UNIVERSITÀ DEGLI STUDI DI
MODENA E REGGIO EMILIA

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



PhD Degree – May 19, 2023

[Aula Magna Medicine and Surgery Didactic Center – 71 Del Pozzo street, Modena](#)

Members of the Committee

- Prof. Aleksandra Buha Đorđević;
- Prof. Maria Ruzzene;
- Prof. Stefano Fumagalli
- Prof. Emmanuel Garcion (Double Degree University of Angers)

Morning Session (10.00-12.36)

10.00 Reggiani Camilla

Title: New technologies for the diagnosis and treatment of non-melanoma skin cancers

Supervisor: Prof. Cristina Magnoni

10.12 Anceschi Lisa

Title: Chemical characterization of active compounds from Cannabis sativa L. and assessment of their bioactivity against human chronic diseases

Supervisor: Prof. Federica Pellati

10.24 Andrisani Dario

Title: The interplay between endoscopists and clinicians: clinical significance and outcomes of a multi-modal evaluation and treatment of benign and malign airway diseases

Supervisor: Prof. Enrico Clini

10.36 Borella Rebecca

Title: The role of innate immunity in severe COVID-19

Supervisor: Prof. Andrea Cossarizza

10.48 Botti Cecilia

Title: The extent of vestibular injury in sudden sensorineural hearing loss

Supervisor: Dr. Angelo Ghidini

11.00 Castro Ruiz Carolina

Title: Comparison between the TNM-AJCC 8th edition and the Japanese (JSCCR) grading systems in colon cancer

Supervisor: Dr. Luisa Savoldi

11.12 De Vincentis Sara

Title: Gonadal and sexual function in men living with HIV younger than 50 years old: focus on the crosstalk between sex steroids, health status and psychological issues

Supervisor: Prof. Vincenzo Rochira



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11.24 Giovannini Giada

Title: Neuroimaging and fluid diagnostic and prognostic biomarkers in adult patients with Status Epilepticus

Supervisor: Prof. Jessica Mandrioli

11.36 Lo Barco Tommaso

Title: Novel strategies for diagnosing and understanding the natural history of developmental and epileptic encephalopathies: models from Dravet Syndrome

Supervisor: Prof. Francesca Darra

11.48 Manicardi Veronica

Title: Reconstructing enhancers cooperative network that orchestrates melanoma metastatic progression

Supervisor: Dr. Alessia Ciarrocchi

12.00 Mantovani Veronica

Title: Glycosaminoglycan analysis of biological fluids and organs in an animal model of Mucopolysaccharidosis II (Hunter syndrome): effect of treatments with enzyme replacement therapy and Genistein

Supervisor: Prof. Nicola Volpi

12.12 Merolla Giovanni

Title: Bone and metallic augmented reverse shoulder arthroplasty to preserve glenoid bone in shoulder osteoarthritis: analysis of radiographic features and patient outcomes

Supervisor: Prof. Giuseppe Porcellini

12.24 Odorici Alessandra

Title: Novel tools to counteract bacterial and fungal biofilm production: in vitro studies focused on oral cavity

Supervisor: Prof. Elisabetta Blasi

Lunch Break (12.40-14.00)

Afternoon Session (14.00-16.00)

14.00 Ottonelli Ilaria (Double Degree University of Angers)

Title: Advanced Nanotechnologies for the Central Nervous System: Design, Optimization, Application, and Scale-up

Supervisor: Prof. Giovanni Tosi

14.12 Papotti Robel

Title: Clinical and molecular characterization of Diffuse Large B-cell Lymphoma: identification of novel molecular subtypes based on RNA transcriptome and its tumor microenvironment



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Supervisor: Prof. Samantha Pozzi

14.24 Penna Domenico

Title: Improvement of prognostic scores in Primary Myelofibrosis

Supervisor: Prof. Stefano Luminari

14.36 Bedetti Luca

Title: Use of Therapeutic Hypothermia in routine clinical practice and long-term neurodevelopmental follow-up in infants with neonatal encephalopathy: findings from an Italian Network

Supervisor: Prof. Alberto Berardi

14.48 Ruini Cristel

Title: Clinical applications and histopathologic correlations of in-vivo line-field confocal optical coherence tomography in dermatology

Supervisor: Prof. Giovanni Pellacani

15.00 Salati Massimiliano

Title: Clinicopathologic features, transcriptomic landscape and treatment implications of the 5'-ectonucleotidase CD73 (NT5E) in biliary tract cancer: the BILIARY73 study

Supervisor: Prof. Massimo Dominici

15.12 Senn Lara

Title: Antiseizure Effects of Cannabis Sativa L. Derivatives in Rodent Models: Targeted Hippocampal Regions and Hypothesized Mediators

Supervisor: Prof. Giuseppe Biagini

15.24 Solodka Kateryna

Title: Electrolyte-Gated Organic Transistor-based Biosensors for Detection of Multiple Sclerosis Biomarkers in Plasma

Supervisor: Prof. Marcello Pinti

15.36 Tonelli Roberto

Title: Mechanical properties and elastic behavior of the fibrotic lung with usual interstitial pneumonia pattern under mechanical ventilation: development and clinical significance of the "Squishy Ball" lung theory

Supervisor: Prof. Enrico Clini

15.48 Violi Federica

Title: Audit and Feedback interventions to improve healthcare practice in Type 2 Diabetes Mellitus and Chronic Heart Failure

Supervisor: Prof. Marco Vinceti