

CON IL PATROCINIO DI



**UNIVERSITÀ
DI PADOVA**

ORGANIZZATO DA



UNIVERSITÀ DI PADOVA

Dipartimento
di Scienze cardio-toraco-vascolari
e Sanità pubblica

University of Padua

PhD Courses

Medical and Biomedical Sciences

**PhD STUDENT RESEARCH PROJECT DAY
MEDICAL AND BIOMEDICAL SCIENCES
(XL Cycle)**

Monday, October 5th, 2026

**Old University
Archivio Antico – Aula Magna
Palazzo del Bo
Via 8 Febbraio, 2 - 35122 Padova**

Link zoom:

AULA MAGNA:

<https://unipd.link/phdmorgagni-aulamagna>

ARCHIVIO ANTICO:

<https://unipd.link/phdmorgagni-archivioantico>

The abstract book is available at the following link:
<https://PhD Coursemorgagni.dctv.unipd.it/>

Organized by

Prof. Dario Gregori

Department of Cardiac Thoracic Vascular Sciences and Public Health

In collaboration with:

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Department of Cardiac Thoracic Vascular Sciences and Public Health

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A.R.C.A.

Associazione Ricerche Cardiopatie Aritmiche

Via A. Gabelli, 86

35121 Padova

sito web: <http://www.arca-cuore.it/>



AULA MAGNA

8:15 OPENING CEREMONY

Prof. Dario Gregori
Coordinator PhD Course Course
Translational Specialistic Medicine "G.B. Morgagni"
University of Padua

8:30 AULA MAGNA

PhD Course MOLECULAR MEDICINE

Chairpersons: Prof. Michelangelo Cordenonsi

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BIOMEDICINE

- **Carlo Junior ALBANESE** - TUTOR: Prof. Tito PANCIERA – CO-TUTOR: Prof. Michelangelo CORDENONSI
"MICROTUBULE ORGANIZATION DETERMINES CELL MECHANORESPONSIVENESS BY CONTROLLING AMOT DEGRADATION"
- **Giorgia BARBOLINI** - TUTOR: Prof. Paola BRUN – CO-TUTOR: Ph.D. Giulia BERNABÈ
"Nanodelivery systems of plant actives to overcome antimicrobial resistant SSTIs"
- **Mariafrancesca HYERACI** - TUTOR: Prof. Arianna LOREGIAN – CO-TUTOR: Prof. Beatrice MERCORELLI
"CHARACTERIZATION OF A NOVEL INHIBITOR OF HPV E7 ONCOPROTEIN"
- **Stefano INTINI** - TUTOR: Prof. Ignazio CASTAGLIUOLO – CO-TUTOR: Prof. Massimo BELLATO
"Point-of-care biosensors for Helicobacter Pylori diagnosis: a synthetic biology approach"
- **Ilaria MARCHIORI** - TUTOR: Dr. Irene GALLINA – CO-TUTOR: Dr. Emanuela RUGGIERO
"ROLES OF G-QUADRUPLEXES IN KAPOSI'S SARCOMA HERPESVIRUS LATENT REPLICATION"
- **Michalis MOURATIDIS** - TUTOR: Prof. Sirio DUPONT – CO-TUTOR: Prof. Marco MONTAGNER
"An unbiased proximity proteomics method to study MIEF1 interactome"

- **Maria Francesca PRIORE** - TUTOR: Prof. Cristiano SALATA
– CO-TUTOR: Dott.ssa Paola DE BENEDICTIS
"Exploring the Frontiers of Lyssaviruses Diversity with In Vitro and In Vivo Approaches"

REGENERATIVE MEDICINE

- **Pietro CHIOLERIO** - TUTOR: Prof. Anna URCIUOLO – CO-TUTOR: Prof. Sirio DUPONT
"Human neuromuscular organoids mimic cancer-induced muscle cachexia"
- **Alessia PANAZZOLO** - TUTOR: Prof. Francesca ZANCONATO
– CO-TUTOR: Prof. Stefano PICCOLO
"Role of YAP/TAZ in immune coldness in breast cancer"
- **Aleksandar TUSHEVSKI** - TUTOR: Prof. Andrea PORZIONATO - CO-TUTOR: Dr. Aron EMMI
"Bioactive and Synthetic Nerve Wraps for Peripheral Nerve Repair: A Preclinical Study of Fibrosis, Functional Recovery, and the Regenerative Microenvironment"
- **Teresa ZAPPITELLI** - TUTOR: Prof. Francesco Paolo RUSSO
– CO-TUTOR: Prof.ssa Giulia PASQUAL
"Understanding Treatment Response to bulevirtide in HDV Hepatitis: an In-Depth analysis"

10:10 AULA MAGNA

PhD Course TRANSLATIONAL SPECIALISTIC MEDICINE "G.B. MORGAGNI"

Chairpersons: Prof. Dario Gregori, Prof.ssa Simonetta Baraldo, Prof. Paolo Spagnolo

THORACIC AND PULMONARY SCIENCES

- **Gioele CASTELLI** - TUTOR: Prof. Paolo SPAGNOLO – CO-TUTOR: Prof. Elisabetta BALESTRO
"Macrophage M1/M2 polarisation in interstitial lung diseases: an immunohistochemical evaluation"
- **Matteo DAVERIO** - TUTOR: Prof. Paolo SPAGNOLO – CO-TUTOR: Prof. Erica BAZZAN
"CLINICAL AND SEROLOGICAL FACTORS INFLUENCING OUTCOMES IN PLEURAL INFECTIONS"

10:30 COFFEE BREAK

11:00 AULA MAGNA

PhD Course TRANSLATIONAL SPECIALISTIC MEDICINE "G.B. MORGAGNI"

Chairpersons: Prof. Dario Gregori, Prof.ssa Simonetta Baraldo, Prof. Paolo Spagnolo

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THORACIC AND PULMONARY SCIENCES

- **Giuseppe MAGGIONI** - TUTOR: Prof.ssa Fiorella CALABRESE
– CO-TUTOR: Dott. Luca VEDOVELLI

"A digital-pathology pipeline for interstitial lung disease: integrating morphometry, pulmonary function and quantitative imaging"

11:10 AULA MAGNA

PhD Course TRANSLATIONAL SPECIALISTIC MEDICINE "G.B. MORGAGNI"

Chairpersons: Prof. Dario Gregori, Prof.ssa Annalisa Angelini, Prof.ssa Martina Perazzolo Marra

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CARDIOVASCULAR SCIENCES

- **Mohamed Nagy Abdulsamie ABDULHAMIED** – TUTOR: Prof. Vincenzo Tarzia – CO-TUTOR: Prof. Gino Gerosa
"TRANSLATIONAL AND CLINICAL RESEARCH IN DCD HEART TRANSPLANTATION AFTER A 20-MINUTE NO-TOUCH PERIOD: ADVANCES IN TECHNIQUES, CLINICAL OUTCOMES, AND MECHANISTIC INSIGHTS"
- **Francesca DALLA ZANNA** – TUTOR: Prof. Kalliopi PILICHOU – CO-TUTOR: Dr. Maria BUENO MARINAS
"Beyond Conventional Genetic Testing: A Multi-Omics Approach to Uncover Missing Heritability in Inherited Cardiomyopathies"
- **Maria Teresa SAVO** – TUTOR: Dr. Valeria PERGOLA – CO-TUTOR: Barbara BAUCE

"LONGITUDINAL CHANGES IN PERICORONARY FAT ATTENUATION AS A NON INVASIVE MARKER OF CARDIAC ALLOGRAFT VASCULOPATHY PROGRESSION"

▪ **Giulia TOSATO** – TUTOR: Prof. Kalliopi PILICHOU – CO-TUTOR: Rudy CELEGHIN

"Molecular Signatures of Inflammatory Cardiomyopathies: An Integrated Approach to Biomarker Discovery and Disease Stratification" – **ONLINE**

12:00 AULA MAGNA

PhD Course TRANSLATIONAL SPECIALISTIC MEDICINE "G.B. MORGAGNI"

Chairpersons: Prof. Dario Gregori, Prof.ssa Elena Pegoraro

CLINICAL AND TRANSLATIONAL NEUROSCIENCES

▪ **Lenin DE JANON QUEVEDO** – TUTOR: Prof. Elena PEGORARO – CO-TUTOR: Prof. Matteo MARTINATO

"USE OF SIMULATION-BASED WORKSHOPS TO MOBILIZE EMOTIONS AND EMPATHY DURING COMMUNICATION TRAINING IN NURSING STUDENTS (Pilot Study)"

▪ **Silvia FRACARO** – TUTOR: Prof. Laura ASTOLFI – CO-TUTOR: Prof. Elisabetta ZANOLETTI

"The Pathophysiological Role of Vascularization in Auditory Damage"

▪ **Natividad OLIVAR** – Tutor: Prof. Elena PEGORARO Co-Tutor: Prof. Matteo MARTINATO

"Longitudinal dynamics of substance use and anxiety and depression symptoms among young people in deprived urban areas of Latin America" - **ONLINE**

12:30 AULA MAGNA

**PhD Course TRANSLATIONAL SPECIALISTIC MEDICINE
"G.B. MORGAGNI"**

Chairpersons: Prof. Dario Gregori, Prof.ssa Laura Iop

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NURSING AND HEALTH SCIENCES

▪ **Ezgi DEMIRKILIC** – TUTOR: Prof. Emanuele COZZI– CO-TUTOR: Dr. Marta VADORI

"THE ROLE OF NON-HLA ANTIBODIES IN SOLID ORGAN TRANSPLANTATION"

▪ **Selamawit Shiferaw JIMMA** – TUTOR: Prof. Matteo MARTINATO – CO-TUTOR: Prof. Laura IOP

"Assessment of Burnout and Associated Factors Among Workers in Residential Geriatric-Care Facilities in Ragusa, Italy: A Cross-Sectional Study Protocol" - **ONLINE**

▪ **Luis Pablo MENDEZ ALBUREZ** – TUTOR: Prof. Matteo MARTINATO – CO-TUTOR: Prof. Laura IOP

"DESCRIPTIVE AND INFERENTIAL CHARACTERIZATION OF MSPAS SIGSA 3 AND SIGSA 4 RECORDS (2023–2024): diagnostic evidence and input for the IHSN case study in Sololá" - **ONLINE**

▪ **Alessia SELMIN** – TUTOR: Prof. Ileana BALDI– CO-TUTORS: Prof. Honoria OCAGLI, Eden GIRMAYE

"Simulation of Labor involving birth partners to reduce fear of childbirth and improve childbirth self-efficacy among primiparous women: a randomized controlled trial protocol"

13:00 LUNCH

14:00 AULA MAGNA

**PhD Course TRANSLATIONAL SPECIALISTIC MEDICINE
"G.B. MORGAGNI"**

Chairpersons: Prof. Dario Gregori, Prof.ssa Ileana Baldi

BIOSTATISTICS AND CLINICAL EPIDEMIOLOGY

▪ **Khady BA** – TUTOR: Dr. Giorgia STOPPA – CO-TUTOR: Prof. Dolores CATELAN

*"STUDY OF RISK FACTORS IN AREAS OF HIGH PREVALENCE OF EPILEPSY IN TROPICAL COUNTRIES: CASE OF FATICK REGION BY LONGITUDINAL STUDY AND CASE-CONTROL WITH A FOCUS ON GENDER ANALYSIS"- **ONLINE***

▪ **Gloria BRIGIARI** – TUTOR: Prof. Dario GREGORI; CO-TUTOR: Prof. Giulia LORENZONI

"TRANSPORTABILITY OF PROGNOSTIC SURVIVAL MODELS: LLM-ASSISTED EVIDENCE SYNTHESIS AND SIMULATION, WITH AN APPLICATION TO LUNG CANCER STAGING"

▪ **Jordao Antonio CARDOSO** – TUTOR: Prof. Gianfranco ADIMARI – CO-TUTOR: Prof. Dolores CATELAN

*"COST-EFFECTIVENESS ANALYSIS OF EARLY DIAGNOSIS OF CONGENITAL HEART DISEASE (CHD) AT BEIRA CENTRAL HOSPITAL (HCB), 2020–2025"- **ONLINE***

▪ **Yamile Andrea GOMEZ DELGADO** – TUTOR: Prof. Honoria OCAGLI – CO-TUTOR: Prof. Cristina CANOVA

*"AN EXPLORATORY REVIEW OF THE CONCEPTUAL DEFINITION OF THE VARIABLE "MENTAL HEALTH" IN LATIN AMERICA"- **ONLINE***

▪ **Christian Adiel GUEVARA DE LOS RIOS** – TUTOR: Prof. Matteo MARTINATO – CO-TUTORS: Prof. Dolores CATELAN, Prof. Annibale BIGGERI- **ONLINE**

"TRENDS IN GASTRIC CANCER INCIDENCE IN PASTO, COLOMBIA: AN AGE-PERIOD-COHORT ANALYSIS"

▪ **Mitonsou Thierry HOUNKONNOU** – TUTOR: Prof. Ileana Baldi – CO-TUTOR: Prof. Corrado LANERA

*"ADVANCED BIOSTATISTICAL METHODS FOR PERSONALIZED AND PRECISION MEDICINE"- **ONLINE***

▪ **Godwill Wa Kumwita ILUNGA** – TUTOR: Prof. Giulia LORENZONI – CO-TUTOR: Prof. Dario GREGORI

*"Statistical learning for communicable diseases and non-communicable disease"- **ONLINE***

▪ **Ranju KHAREL SITAULA** – TUTOR: Prof. Luca VEDOVELLI - CO-TUTOR: Prof. Gianfranco ADIMARI, Prof. Andrea BATTISTI

"Comprehensive Surveillance of SHAPU: Protocol design with REDCap tool registry for Clinical, Entomological, and Botanical Biomarkers"

- **Onesime Onesime MBULAYI** – TUTOR: Prof. Daniele SABBATINI – CO-TUTOR: Prof. Ileana BALDI
*"Multimodal histology and omics for non-small-cell lung cancer subtype and outcome prediction" - **ONLINE***
- **Modou NDONGO** – Tutor: Prof. Corrado LANERA
 Co-tutor: Prof. Giulia LORENZONI – Local Co-tutor: Prof. Sidy Mohamed SECK
*"PREVALENCE AND ASSOCIATED FACTORS OF SLEEP DISORDERS IN CHRONIC HEMODIALYSIS PATIENTS IN SENEGAL" - **ONLINE***
- **Roa Elajabdalla Bilal OMER** – TUTOR: Prof. Honoria OCAGLI – CO-TUTOR: Prof. Cristina CANOVA
*"Ergonomics Hazards and Musculoskeletal Disorders Among Long Distance Bus Drivers in Kassla State-Sudan" - **ONLINE***
- **Andrea PERINETTI** – TUTOR: Cristina CANOVA - CO-TUTOR: Giorgia STOPPA
*"Mortality from chronic diseases in Argentina and its relationship with demographic, socioeconomic and health service indicators, during period 2001-2023" - **ONLINE***

16:00 COFFEE BREAK

16:30 AULA MAGNA

PhD Course TRANSLATIONAL SPECIALISTIC MEDICINE "G.B. MORGAGNI"

Chairpersons: Prof. Dario Gregori, Prof.ssa Ileana Baldi

BIostatISTICS AND CLINICAL EPIDEMIOLOGY

- **Geribe Hemba ROBA** – TUTOR: Prof. Giorgia STOPPA - CO-TUTOR: Prof. Dolores CATELAN
*"Spatial and temporal patterns of malaria burden in sub-Saharan Africa: a Bayesian analysis of GBD 2021 estimates" - **ONLINE***
- **Daniel Alejandro RUIZ BERMEO** – TUTOR: Prof. Daniele SABBATINI: Prof. Paola BERCHIALLA
*"Descriptive epidemiology of pertussis in District 17D03, Quito, Ecuador, 2014–2025: a time-series study using routinely-collected surveillance data, with person, place, and time analysis and statistical aberration detection" - **ONLINE***

- **Ibrahima Lyra SARR** – TUTOR: Prof. Honoria OCAGLI – CO-TUTOR: Prof. Gianfranco ADIMARI
"Saliva urea nitrogen dipstick as a triage tool for kidney dysfunction in agricultural workers from northern Senegal: a prospective diagnostic accuracy study" - **ONLINE**
- **Jeniffer VELEZ NAVARRO** – TUTOR: Prof. Giorgia STOPPA – CO-TUTOR: Prof. Dario GREGORI
"SISTEMATIC REVIEW OF PRENATAL CARE IN THE INDIGENOUS POPULATION" - **ONLINE**
- **Mariavittoria VESCOVO** – TUTOR: Prof. Giulia LORENZONI – CO-TUTOR: Prof. Dario GREGORI
"AI-based Prediction Models for Recurrence, Progression, and Treatment Outcomes in Genitourinary Tumors" - **ONLINE**
- **Daniel Aubin YONGA TENFA** – TUTOR: Prof. Luca VEDOVELLI – CO-TUTOR: Prof. Danila AZZOLINA
"Knowledge and Practices of Health Professionals, Family Perceptions, and Clinical Profile of Pediatric Cancer in the Thiès Region: A Mixed-Methods Cross-Sectional Study Supporting the Decentralization of Pediatric Oncology Care" - **ONLINE**

17:30 **AULA MAGNA**

PhD Course ARTERIAL HYPERTENSION AND VASCULAR BIOLOGY

Chairperson: Prof.ssa Teresa Maria Seccia

ARTERIAL HYPERTENSION AND VASCULAR BIOLOGY

▪ **Elena AGOSTINI** – TUTOR: Prof. Filippo CRIMI' – CO-TUTOR: Prof.ssa Teresa Maria SECCIA

"CT-BASED BODY COMPOSITION ASSESSMENT IN PATIENTS WITH METASTATIC CASTRATION RESISTANT PROSTATE CANCER TREATED WITH ENZALUTAMIDE: A SUB-GROUP ANALYSIS OF THE EORTC 1333 AND SAKK 08/14 CLINICAL TRIALS"

▪ **Carlo D'ALESSANDRO** – TUTOR: Prof. Stefano MASI - CO-TUTOR: Prof. Teresa Maria SECCIA

*"Opportunistic CT Imaging Biomarkers for Predicting Functional Capacity in Patients Undergoing TAVI"- **ONLINE***

▪ **Anna PORETTO** – SUPERVISORS: Prof. Giacomo ROSSITTO, Dr. Filippo CRIMI'

"KIDNEY SHEAR WAVE ELASTOGRAPHY FOR RENAL STIFFNESS IN SYSTEMIC HYPERTENSION: A PROSPECTIVE PILOT STUDY"

▪ **Ambra SAMMARCO** – TUTOR: Prof. Giacomo ROSSITTO – CO-TUTOR: Prof. Teresa Maria SECCIA

"METABOLIC AND VASCULAR CT PHENOTYPING ACROSS SODIUM HOMEOSTASIS AND PRIMARY ALDOSTERONISM"

▪ **Ilenia TALLI** – TUTOR: Prof. Andrea PADOAN CO-TUTOR: Prof. Andrea CIGNARELLA

"Digital approaches using metadata to ensure accurate laboratory exams in the territory for the management of cardiovascular risk"-

ONLINE

ARCHIVIO ANTICO

8:30 **ARCHIVIO ANTICO**

PhD Course **PHARMACOLOGICAL SCIENCES**

Chairperson: Prof. Michele Morari

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PHARMACOLOGICAL SCIENCES

- **Martina CECCHINATO** – TUTOR: Prof. Nicola FERRI – CO-TUTOR: Dott. Diego BOSCARINO
"WES PLUS – Development of a Targeted Enrichment Panel and Integrated Bioinformatics Analysis for Variant Detection"
- **Ruolan CHEN** – TUTOR: Prof. Rocchina Lucia COLUCCI– CO-TUTOR: Prof. Nicola FERRI
"Gene Silencing of ANGPTL3 Induces PCSK9: Exploring the Biological Significance in the Hepatoma Huh7 Cell Line"
- **Emma MARCOLIN** – TUTOR: Prof. Morena ZUSSO
"INVESTIGATION OF MICROGLIAL INVOLVEMENT AND EFFECTS OF 2-PENTADECYL-2-OXAZOLINE IN A MOUSE MODEL OF FENTANYL-INDUCED HYPERALGESIA"
- **Marco PINZERATO** – TUTOR: Prof. Monica MONTOPOLI – CO-TUTOR: Prof. Andrea ALIMONTI
*"IDENTIFICATION OF A PROMISING BIOACTIVE EXTRACT FOR TAREGETING CELLULAR SENESCENCE"- **ONLINE***
- **Anna SIGNOR** – TUTOR: Prof. Sara DE MARTIN – CO-TUTOR: Prof. Andrea MATTAREI
*"BEYOND THE TRIP: THE METABOLIC ACTION OF SUB-PSYCHEDELIC PSILOCYBIN IN STEATOTIC LIVER DISEASE"- **ONLINE***

9:20 **ARCHIVIO ANTICO**

PhD Course **CLINICAL AND EXPERIMENTAL SCIENCES**

Chairperson: Prof.ssa Roberta Ramonda

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EMERGING TECHNOLOGIES FOR THE HEALTH PROFESSIONS

- **Elisabetta CESARO** - TUTOR: Prof. Gianmaria PENNELLI – CO-TUTOR: Dr. Mario DEGAN

"Isometric Hand-Grip Exercise for Preventing Thrombosis and Occlusion of Midline Venous Catheters: A Randomized Controlled Trial"

HEPATOLOGY AND TRANSPLANTATION SCIENCES, RARE AND BIOTECHNOLOGICALLY HIGHLY COMPLEX DISEASE

▪ **Sabrina CONGEDI** - TUTOR: Prof. Annalisa BOSCOLO BOZZA
"THE ASSESSMENT OF SERPINB3 EXPRESSION, PAR2 AND SCCA-PD POLYMORPHISM IN PATIENTS WITH ACUTE RESPIRATORY DISTRESS SYNDROME"

ENDOCRINE AND METABOLIC SCIENCES AND GENDER MEDICINE

▪ **Fausto CORTESE** - TUTOR: Prof. Caterina MIAN – CO-TUTOR: Dr. Loris BERTAZZA
"Antiproliferative and Antimigratory Activity of Licorice Extract and β -Glycyrrhetic Acid in Papillary Thyroid Carcinoma Cell Cultures"

▪ **Iva SABOVIC** - TUTOR: Prof. Alberto FERLIN – CO-TUTOR: Prof. Luca DE TONI
"Transgenerational effect of endocrine disruptors at subtoxic dosage on male reproductive function"

KIDNEY, PHYSICAL EXERCISE AND NUTRITION SCIENCES

▪ **Federica DUREGON** - TUTOR: Prof. Andrea ERMOLAO – CO-TUTOR: Dott.ssa Francesca BATTISTA
"From Model to Practice: A Translational Pathway for Exercise Prescription in Breast Cancer Care"

RHEUMATOLOGY AND LABORATORY SCIENCES

▪ **Luca IORIO** - TUTOR: Dr. Roberto PADOAN – CO-TUTOR: Prof. Luca IACCARINO
"Clinical and immunobiological effects of anti-IL-5/IL-5R monoclonal antibodies in EGPA: longitudinal dynamics of type 1 and type 2 inflammation"

▪ **Beatrice MOCCALDI** - TUTOR: Dr. Elisabetta ZANATTA – CO-TUTOR: Prof. Roberta RAMONDA
"BAFF/BAFF-R dynamics following rituximab-induced B-cell depletion in systemic sclerosis: preliminary results from a prospective study"

▪ **Laura SCAGNELLATO** - TUTOR: Prof. Roberta RAMONDA
"Challenges in Linking Interferon Signatures to Clinical Trajectories in Juvenile Idiopathic Arthritis"

10:30 COFFEE BREAK

11:00 ARCHIVIO ANTICO

PhD Course CLINICAL AND EXPERIMENTAL SCIENCES

Chairperson: Prof.ssa Roberta Ramonda

ARCHIVIO

HEMATOLOGICAL AND GERIATRIC SCIENCES

▪ **Marco Onofrio TORRES** - TUTOR: Prof. Sandro GIANNINI –
CO-TUTOR: Dr. Stefania SELLA

"Vitamin D Deficiency and 12-Month Outcomes After Fragility Hip Fracture: Data from the Hip-POS Fracture Liaison Service"

11:10 ARCHIVIO ANTICO

PhD Course ONCOLOGY AND IMMUNOLOGY

Chairperson: Prof. Antonio Rosato

ARCHIVIO ANTICO ANTICO

ONCOLOGY AND IMMUNOLOGY

▪ **Eleonora ANGI** - TUTOR: Prof. Stefano INDRACCOLO – CO-TUTOR: Dr.ssa Sonia Anna MINUZZO

"Decoding the clinical impact of somatic mtDNA variants in high-grade serous ovarian cancer"

▪ **Francesco ANGOTZI** - TUTOR: Prof. Livio TRENTIN
"UNRAVELLING THE CLINICAL AND BIOLOGICAL FEATURES OF ACCELERATED CHRONIC LYMPHOCYTIC LEUKEMIA: A RARE HISTOLOGICAL VARIANT OF CLL"

▪ **Luisa BERTIN** - TUTOR: Prof. Edoardo SAVARINO
"FAECAL CALPROTECTIN AND THE MICROSCOPIC PHENOTYPE OF IMMUNE CHECKPOINT INHIBITOR-INDUCED COLITIS" - ONLINE

▪ **Elisa CATANZARO** - TUTOR: Prof. Nora CAZZAGON
"SERUM METABOLOMIC SIGNATURES FOR CIRRHOSIS DETECTION AND PREDICTION IN PRIMARY SCLEROSING CHOLANGITIS"

▪ **Carlotta CECCON** - TUTOR: Prof. Matteo FASSAN – CO-TUTOR: Dott.ssa Jessica GASPARELLO

"EPIGENETIC REMODELING DURING GASTRIC CARCINOGENESIS: FUNCTIONAL CHARACTERIZATION OF METHYLATED GENES IN THE

METAPLASIA–DYSPLASIA–CARCINOMA SEQUENCE. PRELIMINARY RESULTS FROM THE METHYLEPIC-PROJECT"

▪ **Alessandro CELLINI** - TUTOR: Prof. Livio TRENTIN – CO-TUTOR: Prof. Andrea VISENTIN

"EXTERNAL VALIDATION AND INTERIM PET INTEGRATION OF THE E-HIPI IN EARLY-STAGE CLASSICAL HODGKIN LYMPHOMA" -

ONLINE

▪ **Rebecca CRIVELLARI** - TUTOR: Prof. Renato ZAMBELLO – CO-TUTOR: Dr. Antonella TERAMO

"FUNCTIONAL STUDY OF NON-CODING RNAs IN T-LARGE GRANULAR LYMPHOCYTE LEUKEMIA"

▪ **Giuseppe DI RUBBO** - TUTOR: Prof. Pietro Ruggieri – CO-TUTOR: Prof. Andrea ANGELINI

"CLINICAL AND FUNCTIONAL OUTCOMES IN PATIENTS WITH SOFT TISSUE SARCOMAS: PRELIMINARY RESULTS OF A CLINICAL AND BIOLOGICAL PROSPECTIVE COHORT"

▪ **Kymentie FERDINANDE** - TUTOR: Prof. Alberto ZANETTO – CO-TUTOR: Dr. Marco SENZOLO

"REDUCED PLASMIN-GENERATING CAPACITY ACROSS THE SPECTRUM OF CIRRHOSIS IS ASSOCIATED WITH PORTAL VEIN THROMBOSIS, DISEASE PROGRESSION, AND 90-DAY MORTALITY IN ACUTE-ON-CHRONIC LIVER FAILURE"

▪ **Shaolong HUANG** - TUTOR: Prof. Pietro RUGGIERI – CO-TUTOR: Prof. Andrea ANGELINI

"DOES AMPUTATION IMPROVE SURVIVAL IN CHONDROSARCOMA? A SEER 2010-2022 PROPENSITY SCORE-MATCHED ANALYSIS OF CANCER-SPECIFIC SURVIVAL"

▪ **Marta MACCARI** - TUTOR: Dott. Giuseppe LOMBARDI CO-TUTOR: Prof.ssa Susanna MANDRUZZATO

"CLINICAL AND MOLECULAR PREDICTIVE FACTORS IN THE TREATMENT OF GLIOMAS"

▪ **Elena MARINELLI** - TUTOR: Prof. Susanna MANDRUZZATO
"HO-1-targeting molecule ZnPPiX mediates transcriptional and epigenetic reprogramming in human macrophages"

▪ **Davide MASSA** - TUTOR: Prof. Maria Vittoria DIECI
"ESTABLISHING A REAL-WORLD VALIDATION FRAMEWORK FOR THE A-BRAVE TRANSLATIONAL PROGRAMME: THE EUROPEAN GAMBIT STUDY"

13:00 LUNCH

14:00 ARCHIVIO ANTICO

PhD Course ONCOLOGY AND IMMUNOLOGY

Chairperson: Prof. Antonio Rosato

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ONCOLOGY AND IMMUNOLOGY

▪ **Trong Hieu NGO** - TUTOR: Prof. Antonio ROSATO – CO-TUTOR: Prof. Roberta SOMMAGGIO

"Adoptive cell therapy with Cytokine-Induced Killer cells as immunomodulatory living drugs"

▪ **Eleonora PERISSINOTTO** - TUTOR: Prof. Sara LONARDI

"IMPACT OF RAS STATUS IN MISMATCH REPAIR DEFICIENT/MICROSATELLITE INSTABILITY HIGH (dMMR/MSI-H) METASTATIC COLORECTAL CANCER (mCRC) TREATED WITH SINGLE AGENT OR COMBINATION IMMUNE CHECKPOINT INHIBITORS (ICIs) IN A LARGE REAL-WORLD COHORT"

▪ **Elisa PINTO** - TUTOR: Prof. Alberto ZANETTO

"Large extracellular vesicles fingerprint of PSVD: endothelial-platelet activation and immune dysregulation"

▪ **Riccardo POMARETTI** - TUTOR: Prof. Antonio ROSATO – CO-TUTORS: Prof. Alessandro ANGELINI, Dott.ssa Debora CARPANESE

"DESIGN AND CHARACTERIZATION OF HUMANIZED ANTI-PSMA scFv-D2B VARIANTS"

▪ **Giuseppe REITANO** - TUTOR: Prof. Fabrizio DAL MORO – CO-TUTOR: Prof. Alessandro MORLACCO

"Prognostic value of circulating CD11b⁺CD33⁺ myeloid cells in patients with localized prostate cancer"

▪ **Gianmarco RICAGNO** - TUTOR: Dr. Sara LONARDI

"ASSESSMENT OF PD-L1 ON MATCHED BIOPSY AND SURGICAL SPECIMEN IN RESECTABLE ESOPHAGOGASTRIC ADENOCARCINOMA"

▪ **Alessia SAVIO** - TUTOR: Prof. Antonio ROSATO – CO-TUTOR: Dott.ssa Laura MELENDEZ-ALAFORT – Prof. Alessandro ANGELINI

"DEVELOPMENT OF INNOVATIVE DUAL-TARGETING RADIOPHARMACEUTICALS FOR PRECISION DIAGNOSIS AND THERAPY OF PROSTATE CANCER"

▪ **Juairia UDDIN DEKHA** - TUTOR: Prof. Sabrina MANNI – CO-TUTOR: Prof. Francesco PIAZZA

15:20 **ARCHIVIO ANTICO**

PhD Course DEVELOPMENTAL MEDICINE AND HEALTH PLANNING SCIENCES

Chairperson: Prof. Gianni Bisogno

ONCOHEMATOLOGY, MEDICAL GENETICS, RARE DISEASES AND PREDICTIVE MEDICINE

▪ **Francesco BRUNELLO** – TUTOR: Prof. Irene TOLDO – CO-TUTOR: Dr.ssa Maria RUBEGA

"PREDICTING VAGUS NERVE STIMULATION OUTCOMES IN PEDIATRIC DRUG-RESISTANT EPILEPSY: A MULTIMODAL LONGITUDINAL COHORT STUDY"

▪ **Alessia DANIELI** – TUTOR: Prof. Lara MUSSOLIN – CO-TUTOR: Prof. Gianni BISOGNO

"Overcoming treatment resistance mechanisms in ALK-driven cancers"

▪ **Orazio DE TOMMASI**– TUTOR: Prof. Carlo SACCARDI– CO-TUTOR: Prof. Alessandro D. SANTIN

"Tissue factor expression and preclinical activity of tisotumab vedotin in ovarian and uterine clear cell carcinomas"

▪ **Nicola MARCONATO** – TUTOR: Prof. Carlo SACCARDI – CO-TUTOR: Prof. Roberto TOZZI

"Advanced Therapies in Ovarian Cancer Treatment: From Molecular Diagnostics to the Optimization of "Targeted Therapies" and Liquid Biopsy"

▪ **Greta MASTRANGELO** – TUTOR: Prof. Francesco ZULIAN– CO-TUTOR: Prof. Brian FELDMAN, Rae YEUNG

"Uncovering Distinct Disease Severity Trajectories in Juvenile Systemic Sclerosis Through Machine Learning"

16:00 COFFEE BREAK

16:30 ARCHIVIO ANTICO

**PhD Course DEVELOPMENTAL MEDICINE AND HEALTH
PLANNING SCIENCES**

Chairperson: Prof. Gianni Bisogno

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**ONCOHEMATOLOGY, MEDICAL GENETICS, RARE DISEASES
AND PREDICTIVE MEDICINE**

▪ **Eleonora MUNARETTO** – TUTOR: Prof. Mara CANANZI, CO-TUTOR: Dr.ssa Paola GAIO

"Pediatric Hepatology: Mechanisms and Implications of Liver Disease in Children with Vascular, Drug-Induced, and Autoimmune Liver Injuries"

▪ **Chiara ORLANDI** – TUTOR: Prof. Gianni BISOGNO – CO-TUTOR: PhD Paolo BONVINI

"Identification of New Biomarkers and Potential Therapeutic Targets through Proteomic Characterization of the Plasma Antibody Profile in Patients with Desmoplastic Small Round Cell Tumor"

▪ **Elettra POMIATO** – TUTOR: Prof. Giovanni DI SALVO – CO-TUTOR: Prof. Biagio CASTALDI

"CARDIAC REMODELLING IN CONGENITAL HEART DISEASE"

▪ **Sara PROVESI** – TUTOR: Prof. Gianni BISOGNO – CO-TUTOR: Dr. Elena POLI

"DEVELOPING PATIENT-DERIVED NEUTRALIZING ANTIBODIES FOR RHABDOMYOSARCOMA TREATMENT IN CHILDREN"

▪ **Anna RIGHETTO** – TUTOR: Prof. Eugenio BARALDI – CO-TUTOR: Dr. G. VERLATO; Dr. M. DUCI; Dr. L. MOSCHINO

"Combining Metabolomics and NIRS for Early Detection of Intestinal Dysfunction and Optimization of Nutrition in Preterm Neonates"

▪ **Annalisa SALERNO** – TUTOR: Prof. Daniele DONÀ – CO-TUTOR: Prof.ssa Franca BENINI, Dr. Matteo STOCCHERO

"METABOLOMIC INVESTIGATION OF CHILDREN AND YOUNG ADULT AFFECTED BY ALGODYSTROPHY"

▪ **Enrico VALERIO** – TUTOR: Prof. Eugenio BARALDI – CO-TUTOR: Dr. Giuseppe GIORDANO

"MultiOmicAsphyxia Study - Unravelling early biomarkers and therapeutic targets in hypoxic-ischemic encephalopathy following perinatal asphyxia by use of multi-omic technology"

▪ **Andrea ZAMUNARO** – TUTOR: Prof. Eugenio BARALDI – CO-TUTOR: Dr. Luca BONADIES

"URINARY METABOLOMIC PROFILING AND SINGLE-CELL RNA SEQUENCING OF TRACHEAL ASPIRATE IN THE RESPONSE TO SYSTEMIC CORTICOSTEROIDS IN PRETERM INFANTS WITH EVOLVING BRONCHOPULMONARY DYSPLASIA (ProMeSSA STUDY)"

HEALTH PLANNING SCIENCES

▪ **Marco BIASIOLI**– TUTOR: Prof. Vincenzo BALDO – CO-TUTOR: Prof. Paola MASON

"PROFUSE STUDY (Prognosis and Follow-Up in Silicosis due to Engineered stone)"

▪ **Andrea PIETRAVALLE** – TUTOR: Prof. Daniele TREVISANUTO – CO-TUTOR: Dr. Francesco CAVALLIN

"Improving Clinical Outcomes for Acutely Malnourished Children and Low-Birth-Weight Newborns in Low-Resource Settings"

▪ **Giulia STURNIOLO** – TUTOR: Prof. Vincenzo BALDO – CO-TUTOR: Prof. Daniele DONA'

"Integrated Approaches to Pediatric Infectious Disease Surveillance: Laboratory Methods, Population-Based Epidemiology and Arbovirus Research"

AULA MAGNA

18:25 BEST PRESENTATION AWARD

18:30 CLOSING REMARKS

PHD COURSES (XL CYCLE)

1.	ARTERIAL HYPERTENSION AND VASCULAR BIOLOGY Coordinator: Professor Teresa Maria SECCIA
2.	CLINICAL AND EXPERIMENTAL SCIENCES Coordinator: Professor Roberta RAMONDA Curriculum: ▪ Emerging technologies for the healthcare professions ▪ Endocrine and Metabolic Sciences and Gender Medicine ▪ Hepatology and Transplantation Sciences, Rare and Biotechnologically Highly complex Diseases ▪ Kidney, Physical Exercise and Nutrition Sciences ▪ Rheumatology and Laboratory Sciences
3.	DEVELOPMENTAL MEDICINE AND HEALTH PLANNING SCIENCES Coordinator: Professor Gianni BISOGNO Curriculum: ▪ Oncohematology, Medical Genetics, Rare Diseases and Predictive Medicine ▪ Health Planning Sciences
4.	MOLECULAR MEDICINE Coordinator: Professor Arianna LOREGIAN Curriculum: ▪ Biomedicine ▪ Regenerative Medicine
5.	ONCOLOGY AND IMMUNOLOGY Coordinator: Professor Antonio ROSATO
6.	PHARMACOLOGICAL SCIENCES Coordinator: Professor Michele MORARI
7.	TRANSLATIONAL SPECIALISTIC MEDICINE "G.B. MORGAGNI" Coordinator: Professor Dario GREGORI Curriculum: ▪ Biostatistics and Clinical Epidemiology ▪ Cardiovascular Sciences ▪ Clinical and Translational Neurosciences ▪ Endocrine and Metabolic Sciences ▪ Nursing and Health Sciences ▪ Thoracic and Pulmonary Sciences