



UNIVERSITY OF TURIN

PhD in
EXPERIMENTAL MEDICINE AND THERAPY

Annual Scientific Progress Report

Wednesday, September 22nd, 2021 – Aula blu/viola
San Luigi Gonzaga University Hospital at Orbassano (Torino)

09.30 – 9.45 *Welcome by the coordinator Prof. Pasquale Pagliaro*

XXXIV Cycle - Oral presentations (10+5 min)

9.45 – 10.00 **Filippo Citterio**

- *Changes in the salivary metabolic profile of generalized periodontitis patients after non surgical periodontal therapy. A metabolomic analysis using nuclear magnetic resonance spectroscopy*

10.00 – 10.15 **Stefano Comità**

- *Extracellular vesicles from patients with Acute Coronary Syndrome: impact on ischemia-reperfusion injury*

10.15 – 10.30 **Laura Di Benedetto**

- *Nutrients and cranial structures: a preliminary study*

10.30 - 11.15 **Invited Lecture:**

Can the brain help protect the heart?

Prof. Vincenzo Lionetti,

Scuola Superiore Sant'Anna - Pisa

11.15 – 11.30 ***Break***

11.30 – 11.45 **Serena Giannelli**

- *Altered cholesterol metabolism in Alzheimer's disease brain: identification of crucial targets in the disease progression*



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11.45 – 12.00 **Noemi Iaia**

- *Diet influence in modulating intestinal barrier damage signals*

12.00 – 12.15 **Eleonora Maniscalco**

- *Effects of metformin on C2C12 myoblast cell line*

12.15 – 14.15 **Formal poster viewing by the teaching staff**

XXXVI Cycle

Aimaretti Eleonora *The potential role of Advanced Glycation End products on the onset of late complications in adult survivors of childhood Hodgkin lymphoma.*

Allois Ruben *Ischemic Pre-Conditioning to reduce fatigue in isometric muscle contraction: a pilot study*

Arduino Irene *Anticoronavirus Activity of Novel Molecules and Repurposed Drugs*

Catalano Alberto *Comorbidity and SARS-CoV-2 related outcomes*

Fornelli Claudia *Niacin as a novel therapeutic strategy to prevent chemotherapy-induced muscle wasting*

Alessandra Manca *Cannabis and methodological aspects in mass spectrometry: clinical application.*

Saglietto Andrea *Increased beat-to-beat variability of cerebral microcirculatory perfusion during atrial fibrillation: a near-infrared spectroscopy study*

Spahiu Orges *Radiotherapy, trismus and masticatory function in H&N cancer patients: Dosimetric and QoL evaluation*

Sutera Samuele *Role of Microenvironment in Oral Carcinogenesis*

Trunfio Mattia Giovanni Carlo *Combining Pharmacological and Immunological Cellular Biomarkers to Identify HIV-positive Patients Suitable for Functional Cure: A Novel Integrated Approach.*

Zen Federica *Vascularization and peripheral nerve regeneration*

Free time for lunch

14.15-16.00 **XXXV Cycle - Oral presentations (8+2 min)**

- **Brhanie Tsegahun Worku** *Inflammation roles in myeloproliferative neoplasm: Systematic review*
- **Crosio Alessandro** *Cavernous nerve injury: functional and morphological results in reconstruction by means of chitosan based membrane*
- **Garcia Castillo Lorena** *Medium-chain triglycerides as a nutritional supplementation against cancer-associated cachexia.*



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- **Malandrone Francesca** *Neurobiological and autonomic evaluation of emotional processing in different psychopathologies*
- **Pidello Stefano** *Molecular biology, pharmacology, pharmacogenetics and experimental therapy of cardiovascular and metabolic diseases*
- **Protopapa Francesca** *Studies on the role of SerpinB3 and histidine rich glycoprotein in experimental NAFLD.*
- **Schiavello Martina** *Investigation of circulating biomarkers in septic shock patients: extracellular vesicles and thrombopoietin.*
- **Sibille Giulia** *Targeting viruses using a novel hDHODH inhibitor*
- **Vasciaveo Valeria** *The role of Uch-L1 in Alzheimer's disease*
- **Vismara Luca** *Tele-medicine, tele-monitoring and tele-rehabilitation in hemiplegic patients. Comparative study between RGB-D sensor and optoelectronic system.*

Abroad for research or leave period

Margherita Grattarola XXXIV cycle

- *3Nrf2 and YAP protein expression inhibition overcome pancreatic cancer chemoresistance: deubiquitinase involvement.*

Aleksandar Jovanovski XXXIV cycle

- *leave period*

Rashid Anas XXXV cycle

- *Cerebrovascular Reactivity Investigated in Healthy Subjects with Different Hypnotizability Score*

Alessandra Manca XXXV cycle

- *Cannabis and methodological aspects in mass spectrometry: clinical applications*

16.15 Doctoral Course Council