Annual Scientific Progress Report

September 22nd, 2023 – Aula Seminari
San Luigi Gonzaga University Hospital at Orbassano (Torino)

09.30 – 9.45 Welcome by the coordinator Prof. Pasquale Pagliaro

XXXVI Cycle - Oral presentations (10+5 min)

9.45 – 10.00 Eleonora Aimaretti

➢ An in vivo study of the response to a diet enriched in fats and sugars in advanced glycated end products accumulation and mitochondrial involvement: a potential role for the STING protein

10.00 – 10.15 Ruben Allois

➢ Assessing the peripheral effect of ischemic preconditioning by means of electrically-stimulated contraction of the adductor pollicis

10.15 – 10.30 Alberto Catalano

➢ The mediation role of NEWS Score in the association between multimorbidity and COVID-19-related outcomes

10.30 - 11.15 Invited Lecture:

Heart-brain coupling and its role for perception, action, and emotion

Prof. Michael Gaebler

Head of the Mind-Body-Emotion group
Department of Neurology, Max Planck Institute for Human Cognitive and Brain Sciences, Germany University

11.15 – 11.30 Break

10.30 – 10.45 Orges Spahiu
UNIVERSITY OF TURIN

PhD in
Experimental Medicine and Therapy

- Radiotherapy, trismus and masticatory function in H&N cancer patients: Clinical, QoL and dosimetric evaluation

11.45 – 12.00  Samuele Sutera
- Role of Microenvironment in Oral Carcinogenesis

12.00 – 12.15  Federica Zen
- The role of vascularization in the peripheral nerve regeneration

12.15 – 13.00  XXXVIII Cycle - Formal posters viewing by the teaching staff
Francesco Franco  Salivary Biomarkers Discovery: The Power of Proteomics
Magali Giordano  Novel NLRP3 inflammasome inhibitors INF150 and INF195 attenuate isoproterenol-induced hypertrophy in H9c2 rat cardiac myoblast
Eilwyn Claudeth Leiva Ramirez  Study of the influence of malocclusions and chewing on memory and cognitive activity during development
Stefano Levra  Impaired autophagy in the lower airways and lung parenchyma of patients with stable Chronic Obstructive Pulmonary Disease
Luca Manfredi  Association between socioeconomic position and multimorbidity in the EPIC study
Giulia Morello  Fasting-mimicking diet as a potential strategy to prevent and slow down AD pathogenesis
Chiara Rubeo  Gas-Loaded Nanocarriers to Improve Cardioprotection by Cardioplegic Solution
Giacomo Rubini  Improving cancer cachexia by immunomodulation
Cristina Tucciarello  Identification of innovative therapeutic targets in preclinical models of rare and ultra-rare tumors: cholangiocarcinoma, sarcoma and adrenocortical carcinoma

13.00-13.45  PhD Students Networking

13.45 – 14.30  Free time for lunch

14.30-16.10  XXXVII Cycle - Oral presentations (8+2 min) 100 minutes
Elisa Arrigo
Clinical, functional, and biological characterization of neutrophilic asthma phenotype and endotypes
Valentina Bonuomo
CircRNA in patients with Chronic Myeloid Leukemia: identification of new prognostic factors for resistance and successful treatment free remission

Cecilia Boretto
Tamoxifen triggers the nuclear relocation of TFEB in breast cancer cells by modulating intracellular Ca2+ availability

Matteo Costantino
Identification of oxysterol synthetic analogs as a novel class of late-stage inhibitors of herpes simplex virus 2 replication

Lucia Dansero
Cumulative Effects of Socioeconomic Position, Cardiovascular Disease, and Chronic Kidney Disease on Mortality and Emergency Room Visits: A Syndemic Approach

Giulia Francescato
Non-coding RNA markers in stool samples for a precision medicine approach: a study on colorectal cancer onset and progression

Federica Geddo
Diet-derived compounds in the context of endothelial dysfunction: an in vitro study

Beatrice Maffeo
UBE2O deficiency as a mechanism of ineffective erythropoiesis in myelodysplastic syndromes

Pierre Gilbert Rossini
The Neural, Autonomic and Clinical signature of dissociative states in Anorexia Nervosa

Alessandro Tortarolo
A multidisciplinary approach to malocclusions: mastication, posture, cognition and diagnostic imaging

Abroad for research - authorized absence

Irene Arduino 36° cycle
Broad-spectrum antiviral activity of polyoxometalate Ti2PW10 against respiratory viruses

Claudia Fornelli
The BET inhibitor JQ1 targets fat metabolism and counteracts obesity Title

Mattia Giovanni Carlo Trunfio 36° cycle
Distinct effects of SSRIs and SNRIs on Soluble Biomarkers in Blood and Cerebrospinal Fluid of people with HIV

Lucia Dansero 37° cycle
Cumulative Effects of Socioeconomic Position, Cardiovascular Disease, and Chronic Kidney Disease on Mortality and Emergency Room Visits: A Syndemic Approach
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16.30 Doctoral Course Council