

Convegno TUM 9 giugno 2025 Centro Didattico Morgagni – Firenze

PROGRAMMA

- **Ore 8,30 - 9,45: Registrazione**
- **Ore 9,45 - 10,00: Apertura convegno**
- **Ore 10,00 - 11,15: Sessione I**

Moderatori: Matteo Becatti (Firenze) e Giulia Bernardini (Siena)

Matteo Prisinzano (Università di Firenze)

Characterization of functionally relevant G protein-coupled receptors in endometriotic epithelial cells

Emilia Maria Lombardi (Università di Perugia)

Restoring defective Alanine:Glyoxylate Aminotransferase folding in primary hyperoxaluria type I by a new class of pharmacological chaperones

Michela Bruschi (Università di Urbino)

Cytotoxicity studies and cellular redox modulation through a synthetic thiol compound tuning the metabolic profiles

Haidara Nadwa (Università di Siena)

Computational study of the (un)folding mechanism of Serum Amyloid A (SAA) protein

Roberto Campagna (Università di Ancona)

Paraoxonase-2 in osteosarcoma: potential for the development of a targeted anticancer therapy

Gloria Basso (Università di Pisa)

Adenosine role in myofibroblasts-lipofibroblast transition in an in vitro model of lung fibrosis

- **Ore 11,15 - 11,45: Coffee break**

- **Ore 11,45 - 13,00: Sessione II**

Moderatori: Arianna Vignini (Ancona) e Michele Menotta (Urbino)

Helena Juricic (Università di Camerino)

Effect of probiotics and gamma-oryzanol on cytokines-induced alteration of intestinal epithelial cell monolayer permeability

Francesco Mengarelli (Università di Ancona)

Role of Coenzyme Q10 in mitochondrial dysfunction and oxidative damage in RETT syndrome

Enxhi Shaba (Università di Siena)

Proteomics based evaluation of potential treatment for idiopathic pulmonary fibrosis: investigation of HDAC6i effects on lung fibrotic fibroblasts

Matteo Seccaroni (Università di Perugia)

Understanding the role of il-1 β in tenocyte homeostasis: a proteomic and lipidomic perspective

Liliana Napolitano (Università di Firenze)

The rational engineering of a dimeric single-domain antibody enhances the detection of toxic A β 42 oligomers

Fabiana Fanelli (Università di Urbino)

Characterization of the VPS13B splicing pattern in a Cohen syndrome patient harboring a large deletion in the VPS13B gene

- **Ore 13,00 - 14,45: Lunch e sessione poster**

- **Ore 14,45 - 15,45: Sessione III**

Moderatori: Francesca Felice (Pisa) e Laura Bordoni (Camerino)

Lorenzo Ceccarelli (Università di Pisa)

A hybrid computational approach to personalize neuroinflammation diagnosis: targeting TSPO mutations with quantum and machine learning

Elena Perla (Università di Urbino)

Red blood cells-derived extracellular vesicles as a novel RNA delivery system

Tiziana Di Crescenzo (Università di Ancona)

Taste sensitivity and salivary antioxidants in feeding and eating disorders: the role of integrated therapy

Omar Francesco Biasco (Università di Siena)

Exploring the role of ZFH2 in neuroinflammation: implications for microglia activation

Federica Carnemolla (Università di Firenze)

Fibrinogen-mediated neuroinflammation: how extra virgin olive oil polyphenols defend the brain

- **Ore 15,45 – 16,45: Sessione IV**

Moderatori: Luigia Pazzagli (Firenze) e Sabata Martino (Perugia)

Alessandro Rencinai (Università di Siena)

Branched oncolytic peptides target HSPGs, inhibit metastasis, and trigger the release of immunogenic cell death-related DAMPs in pancreatic cancer

Federica Forte (Università di Urbino)

The mini recombinant protein ED-sRGN: a compact and versatile genome editing tool

Serena Borghi (Università di Firenze)

Short-chain fatty acid supplementation mitigates oxidative stress and thrombosis risk in Behçet's syndrome

Lorenzo Germelli (Università di Pisa)

Enhancing RNA delivery via extracellular vesicles: loading efficiency, cargo characterization, and functional uptake

Martina Guzzetti (Università di Perugia)

Exploring limbal stem cell aging: the role of extracellular vesicles in microenvironment modifications

- **Ore 16,45-17,30: Premiazioni e conclusione**

