



A.D. 1308

unipg

DIPARTIMENTO
DI MEDICINA E CHIRURGIA

PHD IN MEDICINE AND EXPERIMENTAL THERAPIES

SYMPOSIUM ON NOVEL EXPERIMENTAL MODELS IN BIOMEDICAL RESEARCH (V.E.N.E.R.E.)

II EDITION

21ST OF SEPTEMBER,
SALA DEI NOTARI,
PERUGIA

SCAN HERE TO REGISTER



yourSial

SYMPOSIUM

21ST
SEPT
2026

WHERE

SALA

DEI NOTARI

8.00-8.30 In-site Registration

8.30-8.45 Opening Remarks

**Session 1: Models, Mechanisms
and Precision Oncology**
Chair: Francesco Grignani,
Chiara Brachalente

8.45-9.15

Keynote Speaker:
Flavio Rizzolio (Università
Cà Foscari Venezia)
**Advanced 3D Models for
Ovarian Cancer Research**

9.15-9.25

Sofia Rossini
**Rethinking IDO1 in the
tumor microenvironment:
new insights into non-
canonical targeting of IDO1
in cancer immunotherapy**

9.25-9.35

Nicola Di Iacovo
**Omic profiling reveals
transcriptional programs
driving Gastric Cancer**

9.35-9.45

Damiano Scopetti
**Transposable Elements
epigenetic activation
defines a FOXA-dependent
therapeutic vulnerability in
LKB1-loss Lung
Adenocarcinoma**

SYMPOSIUM

21ST
SEPT
2026

WHERE
SALA
DEI NOTARI

9.45-9.55

Guglielmo Sorci
Novel multimodal cell-based approaches to treat Duchenne muscular dystrophy

9.55-10.05

Laura Salvadori
Novel approaches to counteract skeletal muscle atrophy

9.05-10.25

Carlioni Alberto (CORNING)
Corning 3D cell culture tools and their application in precision medicine

10.25 -
10.45
PhD Elevator
Talks

Luca Pierucci
Identification of a retinol-zinc-serenoa formulation for an immune-reactivating therapeutic strategy for BPH

Angela Di Battista
Compartmentalized microfluidic platforms as a tool to dissect the epithelial-fungal crosstalk in invasive aspergillosis

Dominga Manfredelli
Protein S-glutathionylation is a novel biological response associated with oxinflammation in cystic fibrosis

Alessia Sulla
Organoid cultures as a 3D platform to study fungal infectious diseases

10.45

REFRESHMENT BREAK

SYMPOSIUM

21ST
SEPT
2026

WHERE

SALA

DEI NOTARI

Session 2: Cellular Homeostasis: Degeneration, Adaptation and Repair

Chair: Rita Romani

11.00-11.30

Keynote Speaker:

Achille Anselmo (Ospedale San Raffaele, Milano)

Small Particles, Big Challenges: Extracellular Vesicles as Circulating Biomarkers

11.30-11.40

Martina Guzzetti

Extracellular vesicles from limbal epithelial stem cells: role in tissue regeneration and inflammatory processes

11.40-11.50

Letizia Mezzasoma

NLRP3 Inflammasome and Inflammatory Homeostasis: Emerging Roles of Natriuretic Peptides and Extracellular Vesicles

11.50-12.00

Gioena Pampalone

From computational predictions to experimental validation: molecular effects of AGXT variants and clinical implications

12.00-12.10

Roberto Panichi

From Mechanical Interactions to Adaptive Behavior: A Physiological Framework for Human Sensorimotor Function

12.10-12.20

Stefania Pieroni

Finding new ways in cancer escape: the HOPS Ubiquitin-Like Protein

12.20-12.30

Giorgia Manni, Amniotic

fluid stem-cell derived extracellular vesicles carry functional IDO1 to reprogram dendritic cells

12.30-12.50

Andrea D'Angelo(TECAN),
Solution for Modern Labs

12.50 -
13.15
PhD Elevator
Talks

Daniele Busti

From Mechanical Loading to Functional Recovery: A Sensorimotor Perspective

Anna La Rosa

Bioactive compounds from Olive Leaves: Exploring Potential anti-inflammatory therapeutic effects

Florinda Apone

Increasing the visibility of Department of Medicine and Surgery through digital communication

13.15-14.00

LUNCH

SYMPOSIUM

21ST
SEPT
2026

WHERE
SALA
DEI NOTARI

SYMPOSIUM

21ST
SEPT
2026

WHERE

SALA

DEI NOTARI

Session 3: Immune Networks: Infection, Inflammation and Translational Biomarkers

Chair: **Massimiliano Di Filippo**

14.00-14.30

Keynote Speaker:
Sovan Sarkar

**Biomedical implications of
the autophagy–NAD axis in
human pluripotent stem
cell-derived neuronal
platforms of
neurodegenerative diseases**
(University of Birmingham)

14.30-14.40

Vasileios Oikonomou

**House of LAP: At the
Crossroads of Infection,
Immunity, and Cancer**

14.40-14.50

Gianluca Vascelli

**Chronic inflammation
activates a systemic innate
and adaptive immune
profile where IL17F+ IL22+T
cells affect tissue
remodelling in cystic
fibrosis highly predisposing
to ABPA**

14.50-15.00

Maria Teresa Pallotta

**New insights into Wolfram
Syndrome:
Exploring emerging aspects
of the disease**

15.00-15.10

Manlio Di Cristina

**Decoding ER Scramblases:
Bridging Lipid-Glycan
Dynamics from Physiology
to Pathology**

15.10 - 15.20

Matthew Peirce

**Mosquito sex, swarms and
collective behaviour**

15.20 -
15.45
PhD Elevator
Talks

Sara Alhili
Beyond Leukemia Control:
Targeted Therapies
Shape Antifungal
Immunity in Chronic
Lymphocytic Leukemia

Sara Trotta
Broadening the Breadth
of Protection:
Understanding
Multiserotype
Pneumococcal Carriage
to Inform Vaccination
Strategies

Anna Carrozzini
Redefining Lipid-Linked
Sugar translocation:
emerging mechanistic
insights

Celine Alami
CRISPR-Based Genetic
Disruption of Mating
Behaviour in *Anopheles*
gambiae for Vector
Control

Melania Ligato
Validating AGAPO01713
gene as a Target
for Suppression Gene Drives
in *Anopheles gambiae*

15.45

COFFEE BREAK

SYMPOSIUM

21ST
SEPT
2026

WHERE

SALA
DEI NOTARI

SYMPOSIUM

21ST
SEPT
2026

WHERE

SALA

DEI NOTARI

Session 4: Beyond the Bench: Emerging Technologies and New Ways of Seeing Science

Chair: Elena Bartoloni Bocci,
Mario Rende

Keynote Speaker:

Giorgio Giardina

(Università di Roma Sapienza)

**Small Particles, Big
Challenges: Extracellular
Vesicles as Circulating
Biomarkers**

16.00-16.30

Francesca Mancuso

Exploring Natural
Compounds in Prostate
Cancer:

from Cellular Responses to
Epigenetic Remodeling

16.30-16.40

Chiara De Waure

Investigating the relative
immunogenicity of
pneumococcal vaccines:
needs and challenges

16.50-17.00

Rachele Del Sordo

Clinico-pathological
Implications of Mismatch
Repair Protein Expression in
Poorly Cohesive and Mixed
Gastric Carcinomas

17.00-17.10

Estevao Carlos Silva Barcelos

Xenosensor Modulation as
a Next-Generation
Pharmacological Strategy
in Cancer Therapy

17.10-17.20

17.20 -
18.00
PhD Elevator
Talks

Erika Santaiti
Evolution of the
inflammatory paradigm in
COPD: from neutrophilic
predominance to the
emergence of type 2
inflammatio

Alberto Farina
Update on Bruton Tyrosine
Kinase inhibition pipeline in
multiple sclerosis:
new options to target
disability progression

Martina Tomei D'orazio
Immune System
Alterations in a Mouse
Model of Wolfram
Syndrome

Alessandro Pinzi
Synthetic tryptophan-
derived ligands activate
AhR to reprogram
dendritic cell function

Ester Castagnaro
Mapping the current state-
of-the-art of Artificial
Intelligence in clinical
practice in Italy

Manola Mezzanotte
CYP1A1 Limits AhR-Driven
Immune Tolerance to
Sustain cDC1-Dependent
Anti-Tumor Immunity

18.00-18.30 PHOTO GROUP AND AWARD

18.30 MINI APERITIF

SYMPOSIUM

21ST
SEPT
2026

WHERE

SALA
DEI NOTARI



A.D. 1308 —
unipg

DIPARTIMENTO
DI MEDICINA E CHIRURGIAThis image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



A.D. 1308
unipg
DIPARTIMENTO
DI MEDICINA E CHIRURGIA

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There is no text or other markings on the paper.

HOW TO ARRIVE TO SALA DEI NOTARI?

Adress: Palazzo dei Priori, Corso Vannucci, 19 – 06123 Perugia, Italy

For those arriving by train:

From Perugia Fontivegge Station, you can take the Minimetrò to the "Pincetto" stop. From there, the Sala dei Notari is about a 10-minute walk along Corso Vannucci.

For those arriving by car:

The nearest parking lots are:

- Parcheggio Pellini (paid)
- University of Perugia Parking in Via Pascoli (free from 8:00 PM)

For those arriving by plane:

Umbria International Airport "San Francesco d'Assisi" is about 12 km from the center of Perugia. From the airport, the Sala dei Notari can be reached by taxi or public transportation.

Scan to visit
our social and
website



Graphics, logos, website and social by Florinda Apone
Photo by Alessia Sulla



A.D. 1308
unipg
DIPARTIMENTO
DI MEDICINA E CHIRURGIA