



Udine



19th - 21st
September
2024

Translational Pathophysiology



WELCOME MESSAGE

The transfer of knowledge from research to the clinic has become increasingly rapid, and more and more methodologies and information are being made available to the clinician and ultimately to the patient to address problems that were hitherto unsolvable or to which unsatisfactory answers were given. To do this, we need a new approach based on system pathophysiology: a framework that requires the integration of clinical sciences, -omics sciences, basic sciences, computer sciences, artificial intelligence, and technologies. It is precisely on these concepts that the idea of Translational Pathophysiology is based, and it is on this that the research challenge of the coming years in the service of health and the Person can be met. It is on this that our society is already committed, and the congress in Udine will allow us to exchange experiences and develop even more the leading role that we have always shown.

Prof. Francesco Curcio

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Prof. F. Saverio Ambesi Impiombato
Prof. U. Marinari
Prof. Ovidio Bussolati

12.00 - 14.00

Registrations

14.00 - 14.45

Opening ceremony and welcome address

PATHOPHYSIOLOGY 1

Chairs: F. Curcio (Udine), M.M. Corsi Romanelli (Milano)

14.45 - 15.15

Cardiac amyloidosis: a clinical overview F. Bandera, Milano

15.15 - 15.45

Microvascular cell senescence in heart failure A. Beltrami, Udine

Oral Communications:

15.45 - 16.00

Onset and progression of idiopathic pulmonary fibrosis: a role for HLA molecules

G. Zedda, Cagliari

16.00 - 16.15

Primary Liver Cancer-derived organoids for drug screening and disease modelling

S. De Siervi, Pavia

16.15 - 16.30

DNA Methylation-Derived Biological Age and Long-Term Mortality Risk in Subjects with Type 2 Diabetes A. Giuliani, Ancona

ONCOLOGY 1

Chairs: N. Caccamo (Palermo), R. Muraro (Chieti)

16.30 - 17.00

Molecular Oncology in Clinical Practice:Role of the MTB M. Milella, Verona

17.00 - 17.30

TBD

Oral Communications:

17.30 - 17.45

BCLAF1 Functionalization Against Neuroblastoma C. Dell'Aversana, Napoli

17.45 - 18.00

MYC Upstream Region Orchestrates Resistance to PI3K Inhibitors in Colorectal Cancer and Burkitt Lymphoma through Autophagic Adaptations D. M. Ivy, Roma

18.00 - 18.15

Novel molecular mechanisms triggering breast cancer resistance to the cdk4/6 inhibitor palbociclib R. Lappano, Cosenza

IMMUNITY AND MICROBS - META-OMICS 1

Chairs: U. Dianzani (Novara), L. Frati (Roma)

- 9.00 - 9.30 TBD
 9.30 - 10.00 Inter-kingdom signalling: communication between the microbiota and the host
 L. Romani, Perugia
Oral Communications:
 10.00 - 10.15 Co-stimulatory signals mediated by ICOS influence the hepatic expansion of auto-aggressive CD8+ T-cells in NASH A. Provera, Novara
 10.15 - 10.30 Long pentraxin 3 (PTX3) as a regulator of lymphangiogenesis and lymphogenous dissemination in melanoma M. Turati, Brescia
 10.30 - 10.45 B7H3 CAR-T-derived Extracellular Vesicles Display Antitumor Activity in Pancreatic Cancer Cells R. Florio, Chieti

PATHOPHYSIOLOGY 2

Chairs: O. Bussolati (Parma), M. Maggiolini (Cosenza)

- 10.45 - 11.15 Pathophysiology of AKI to Ckd transition: role of Inflammaging G. Castellano, Milano
 11.15 - 11.45 The AGE-RAGE system in chronic kidney disease: role in pathogenesis and usefulness as biomarker E. Dozio, Milano
Oral Communications:
 11.45 - 12.00 In Vivo Effects of Daily Oral Intake of the Endocrine Disruptor Cadmium (Cd) in mice transgenic for the neu oncogene, which spontaneously develop mammary tumors C. Focaccetti, Roma
 12.00 - 12.15 Identification of differentially expressed microRNAs as potential biomarkers in glaucoma: study on in vitro and in vivo glaucoma models C. Compagnoni, L'Aquila
 12.15 - 12.30 Glutamine addiction of multiple myeloma shapes a pro-tumour bone marrow niche M. Chiu, Parma

12.30 - 14.00 Lunch Break 

ONCOLOGY 2

Chairs: L. Altucci (Napoli), G. Canettieri (Roma)

- 14.00 - 14.30 Emerging therapeutic targets for metastatic colorectal cancer A. Sartore-Bianchi, Milano
 14.30 - 15.00 Hereditary Breast Cancer Syndromes in the Era of Precision Medicine: Emerging Trends and Clinical Implications C. Capalbo, Cosenza
Oral Communications:
 15.00 - 15.15 Quercetin exerts a senolytic effect on doxorubicin-induced senescent fibroblasts by reducing autophagy, thereby preventing the pro-tumor effect on osteosarcoma cells E. Bientinesi, Firenze
 15.15 - 15.30 Gold nanoparticles (AuNPs) in the radio-sensitization of glioblastoma cells C. Pagano, Napoli
 15.30 - 15.45 Exploring the Role of PRDM genes in Glioma Pathogenesis and Therapeutic Potential E. Di Zazzo, Campobasso

15.45 - 17.30 **POSTER ROUND: 12 selected posters**

17.30 - 18.30 SIPMeT member's Assembly

IMMUNITY AND MICROBS - META-OMICS 2

Chairs: G. Ferlazzo (Genova), L. Romani (Perugia)

- 9.00 - 9.30 TBD
 9.30 - 10.00 Epigenetic and transcriptional regulation of innate lymphocytes in health and disease G. Sciumè, Roma
Oral Communications:
 10.00 - 10.15 Involvement of malaria pigment in macrophage polarization: an in vitro model of primary human monocyte-derived macrophages S. D'Alessandro, Milano
 10.15 - 10.30 Involvement of innate lymphocytes in the pathogenic mechanisms of colorectal cancer D. Badami, Palermo
 10.30 - 10.45 Intra-pancreatic adipose tissue, inflammation and islet cell morphometry in overweight/obese non-diabetic and type 2 diabetic subjects C. De Luca, Pisa

EMERGING TECHNOLOGIES

Chairs: S. Andò (Cosenza), C. Pucillo (Udine)

- 10.45 - 11.15 TBD
 11.15 - 11.45 Metabolism and Epigenetics: A Bidirectional Crosstalk at the Forefront of Cancer Research R. Benedetti, Napoli
Oral Communications:
 11.45 - 12.00 Microfluidic multi-organ-on-a-chip in translational pathology: a case for Hyperoxaluria C. Fabi, Perugia
 12.00 - 12.15 A multiomics approach to decipher the molecular landscape of cardiac myxoma E. Alexandrova, Salerno
 12.15 - 12.30 In vitro model of liver ischemia/reperfusion injury identifies iRhom2 as a new target of disease M. Calligaris, Udine

Poster Awards

BEST ABSTRACTS SUBMITTED

SIPMeT Advisory Board decided to create **9 AWARDS of € 250 each** for the best abstracts submitted by young scientists. Among them:

- 1 award is for research in the oncological field, dedicated to the memory of Prof. Alberto Gulino
- 1 award is dedicated to the memory of dr. Giulia Guarino
- 1 award is dedicated to the memory of dr. Giorgio Giurato
- 1 award, entitled **“Woman in General and Clinical Pathology”**, is provided by Corsi Romanelli Family

One additional award of **€ 500** will be provided by **Ripagec**.

Winners must pick up the awards on Saturday 21st September, from 12.30 p.m. to 1.30 p.m.

POSTERS

Posters will be displayed in electronic format only.

All posters will be available through the official Web App from 19th September to 31st December 2024.

Abstract Book

All abstracts submitted and accepted by SIPMeT will be available in PDF format on the website www.sipmet.org

Certificate of Attendance

Certificates of attendance will be sent by e-mail after the end of the Congress.

Congress language

The official language of the Congress is English.

Name badge

A name badge will be required to access to the congress area. Participants will receive a name tag when checking in at the registration desk.

The registration desk opens on 19th September, at 12.00.

Lunch

SIPMeT is glad to offer a lunch box to all congress delegates on Friday 20th September.

No additional catering services will be provided.

Registrations

The event is reserved to SIPMeT members.

We kindly ask to renew your membership for the year 2024 within 1st September.

Registration is free and will be accepted on a first come first served basis within 1st September 2024.

To register please go to www.mzevents.it

section “Events” and click on “Sign up on-line” after having selected the event.

Social Event

A “Get-together” cocktail dinner will be organized on Friday 20th September, from 19.30, at Prosciutteria IE San Daniele (via Gemona, 17 - San Daniele del Friuli UD).

To confirm your attendance, please mark the appropriate option on the on-line registration form. A symbolic contribution of € 15 is required upon confirmation.

The amount must be paid online with credit card when registering.

A shuttle bus service will be organized from the Congress Venue.

Hotel Accommodation

We are glad to inform you that an appropriate number of rooms has been reserved in several hotels in Udine.

- Visit the website www.udinechiavinmano.com
- At the bottom of the page, select our event
- Choose the hotel you prefer
- Contact the hotel mentioning the promo code **SIPMeT** to get a special fare

Congress Venue

Università degli Studi di Udine - Biblioteca Rizzi
Via delle Scienze, 206
33100 Udine





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Organising secretariat [MZ Events srl](#)
Via Carlo Farini 81 - 20159 Milano
Ph.: 0266802323 ext. 923
Mob: +39 3404215225
federica.donzelli@mzevents.it