



Pavia, Italy

125th SIPMeT Anniversary Congress

2025

18th-20th September 2025



Presentation of the SIPMeT Congress 2025

125th Anniversary of the Foundation of the Società Italiana di Patologia e Medicina Traslazionale (SIPMeT)

Dear Colleagues, and Friends,

It is with great honor and enthusiasm that I present the program of the 2025 Congress of the Italian Society of Pathology and Translational Medicine (SIPMeT), an event of special significance as we celebrate the 125th anniversary of our Society's founding — one of the oldest scientific associations in Italy, and a custodian of a long-standing tradition of excellence in biomedical research.

I am especially proud to announce that the Congress will be held in the historic city of Pavia, a place of immense symbolic and scientific value: it was here that Camillo Golgi — one of the Society's founding members and a towering figure in medical history — conducted his groundbreaking research. Awarded the Nobel Prize in Physiology or Medicine in 1906, Golgi remains the only Italian laureate to have received the prize for work carried out entirely in Italy. His groundbreaking discoveries on the structure of the nervous system and the development of the famous "black reaction" not only revolutionized neurology and pathology, but continue to serve as a beacon for modern translational medicine.

In this spirit, the 2025 Congress aims to be not only a platform for scientific exchange among scientists, clinicians, and young investigators, but also a meaningful occasion to honor our

roots and reflect on the future of pathology and translational medicine, both in Italy and globally. The scientific program will include plenary sessions, thematic symposia, roundtable discussions, and oral presentations featuring the most innovative contributions. Key topics will cover emerging areas ranging from molecular pathology to personalized therapies, from advanced diagnostics to regenerative medicine — with special attention to the role of omics technologies, artificial intelligence, and new translational research platforms.

The Congress will also provide a valuable opportunity to recognize and support young researchers in the field of pathology, in the spirit of renewal and generational continuity — essential for driving innovation and ensuring the continued relevance of our discipline at an international level.

For all of the above, I warmly invite you to join for this landmark event, in a spirit of collaboration and shared purpose that has always characterized our scientific community. Let us celebrate together 125 years of history, science, and passion, with our eyes firmly set on the future of medicine.

With kind regards,

The SIPMeT 2024-25 President
Prof. Francesco Curcio

Welcome message

The Congress in Pavia will allow us to celebrate a special event for our society: the anniversary of its foundation in October 1901 by the great scientists C. Golgi, G. Bizzozzero, P. Foà, and B. Morpurgo. 125 years of research, innovation, and scientific discoveries that have profoundly transformed our understanding of medicine and biology.

This congress is not only a moment of reflection on the path we have taken, but also an opportunity to renew our commitment to the advancement of science and medicine. Over these years, general pathology has continued to play a crucial role in the study of diseases, influencing the diagnosis, prevention, and treatment of numerous pathological conditions.

I look forward to welcoming many of you in September, promoting new connections, and further strengthening our community in Pavia.

Prof. Lucia Anna Stivala,
President of the Local Organizing Committee

WITH THE PATRONAGE OF



Sistema Socio Sanitario



COMUNE DI PAVIA



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Dott. Hugo de Jonge
Dott.ssa Maristella Maggi
Dott.ssa Luisa Iamele
Dott.ssa Paola Perucca
Dott.ssa Martina Sarchi

Thursday 18th September 2025

12.30-14.00

Registrations

14.00-14.30

Welcome Address

14.45-15.30



OPENING LECTURE FOR 125th ANNIVERSARY

Chairs: Francesco Curcio (Udine), Luigi Frati (Roma)

A Revolutionary in Biomedicine: Camillo Golgi and His Scientific School
Paolo Mazzarello (Pavia)

15.45-16.45

SESSION 1

Chairs: Lucia Anna Stivala (Pavia), Umberto Dianzani (Novara)

- Targeting EIF4A1 is effective against human intrahepatic cholangiocarcinoma - *A. Cigliano, Sassari*
- Targeting Glutamine Synthetase overcomes the resistance of prostate carcinoma cells to glutamine depletion - *G. Taurino, Parma*
- Nrf2-driven proliferation and metabolic reprogramming in normal hepatocytes - *A. M. Caddeo, Cagliari*
- METTL16-mediated inhibition of MXD4 promotes acute myeloid leukemia through activation of the MYC-MAX axis - *G. Bove, Caserta*

17.00-18.00

SESSION 2

Chairs: Nadia Caccamo (Palermo), Guido Ferlazzo (Genova)

- Targeting the Escape: SETD8 Inhibition Enhances Temozolomide Efficacy in MGMT-Methylated Glioblastoma - *R. Della Monica, Napoli*
- Pro-differentiation treatment of lung cancer cells significantly reduces cancer stem cell and pathogenic traits in vitro - *A. Grossi, Pavia*
- Contribution of concurrent RB1 and p53 pathways alteration to the development of the Primitive Neuronal Component in Glioblastoma - *E. Somenza, Brescia*
- Clinically-oriented and patient-adapted reporting of breast cancer grade predictions using large language models (LLMs) - *M. Talia, Cosenza*

Programme

Friday 19th September 2025

Programme

09.00-09.45



PLENARY LECTURE

Chairs: Francesco Curcio (Udine), Massimiliano M. Corsi Romanelli (Milano)
The microbiome for pathologists - *Luigina Romani (Perugia)*

10.00-11.00

SESSION 3

Chairs: Marcello Maggiolini (Cosenza), Raffaella Muraro (Chieti)
• UVI5008, the first selective, reversible, non-covalent Bruton's tyrosine kinase epi-inhibitor for B-Cell malignancies - *C. Dell'Aversana, Bari*
• Mitochondrial fission drives an actionable metabolic dependency in multiple myeloma - *M. E. Gallo Cantafio, Catanzaro*
• MammaTyper®: molecular predictor of response to neoadjuvant therapy in HER2-positive breast cancer - *E. Belcastro, Pisa*
• Repurposable drugs mebendazole and nitroxoline in combination exhibit antiproliferative effects in 2D and 3D cell models of pancreatic cancer - *R. Florio, Chieti*

11.15-12.15

SESSION 4

Chairs: Sebastiano Andò (Cosenza), Ovidio Bussolati (Parma)
• Melanoma in Disguise: How Androgen Receptor Activation Drives Immune Escape and Tumor Invasiveness - *M. Di Donato, Caserta*
• Mimicking blood flow using a near in vivo microfluidic system to study Chemicals and NanoMaterials (CNMs) metabolic response
N. Pappagallo, Urbino
• Mapping Treatment Response in AR+ Triple-Negative Breast Cancer Using Spatial Profiling - *D. Lucchetti, Roma*
• Anti-inflammatory effects of inhalable Iloprost formulations in primary human cystic fibrosis nasal epithelial cells - *A. Carbone, Foggia*

12.30-14.00

LIGHT LUNCH

14.15-15.00



PLENARY LECTURE

Chairs: Gianluca Canettieri (Roma), Lucia Altucci (Napoli)
New insights into the role of autophagy in the development of cardiovascular diseases - *Sebastiano Sciarretta (Roma)*

15.15-16.15

SESSION 5

Chairs: Calogero Caruso (Palermo), Ornella Cazzalini (Pavia)
• ICOS-Fc Inhibits Spheroid Growth and Tumour-Promoting Pathways in a 3D Breast Cancer Model - *F. Christaki, Novara*
• Hepatocyte depletion of ERK5 impairs the response to lipotoxic oxidative stress resulting in defective insulin receptor signaling
A. Menconi, Firenze
• α -Ketoglutarate-Driven Immune Escape in Hypoxic MASLD-HCC: Amino Acid Metabolism at the Crossroads - *B. Foglia, Torino*
• Targeting BRPF1/ASH1L co-dependency synergistically counteracts endocrine therapy resistance in breast cancer - *A. Salvati, Salerno*

16.30-17.30

ROUND ROBIN: 20 selected posters

Chairs: Francesco Curcio (Udine), Lucia Anna Stivala (Pavia), Lucia Altucci (Napoli), Gianluca Canettieri (Roma)
• Interleukin-1 Receptor 8 deficiency enhances the anti-tumour activity of Doxorubicin and reduces Cardiotoxicity - *F. Scavello, Milan*
• Explaining the dynamics of tumor aggressiveness: at the crossroad between biology and artificial intelligence - *C. La Porta, Milano*
• T cells, B cells and nanomedicine: the Immune Cell Activation project on the International Space Station - *C. Della Bella, Siena*
• The KDM2A-Notch3 axis as driver of stemness and epithelial-mesenchymal transition in hepatocellular carcinoma - *I. De Giorgi, Pisa*
• The Metabolic Benefits of CD300e: Unlocking the Immune Receptor's Role in Combating Obesity-relating disorders - *M. De Bernard, Padova*
• In silico and in vitro evaluation of bone marrow CD8+ tissue-resident memory cells in multiple myeloma - *M. P. La Manna, Palermo*
• Circadian rhythm in infections: new insights for diagnosis and therapy
M. M. Bellet, Perugia
• Nanoplastics and the Bone Microenvironment: Oxidative Stress and EV Signaling in Multiple Myeloma - *L. Casati, Milano*
• Molecular diagnosis of Hereditary Hemochromatosis by Next Generation Sequencing: a case report - *M. Furlani, Udine*
• Brefeldin A hampers Medulloblastoma Stem Cells features: Unveiling a new way for an old molecule - *Z. Spinello, Roma*
• Exposure to the endocrine disruptors triphenyl phosphate and diphenyl phosphate alters the DNA base excision repair pathway in normal thyroid cells
G. M. Aceto, Chieti
• Micro- and Nanoplastics induce dysregulation in human monocytes: insights into autophagy and inflammation - *C. Fenizia, Milano*
• Extracellular vesicles characterization in patients with heart failure with preserved or reduced ejection fraction - *C. Macchi, Milano*
• iPSC reprogramming identifies novel candidate drivers of preleukemic clonal evolution - *M. Sarchi, Pavia*
• Macrophages-Leishmania infantum interactions: how the production of microbiocidal radicals changes under hypoxia - *F. Perego, Milano*
• GM-CSF-producing RORgt ILC3s accumulated in human Colorectal Cancer and correlated with Tertiary lymphoid structure-associated cell types
C. De Pasquale, Messina
• Differential expression of mRNA 3'-end KRAS in human cancer
S. Messina, Roma
• Sarcopenic Obesity and Physical Frailty: Insights from a Study of Older Italians and Centenarians - *A. Santoro, Bologna*
• Mechanosensitive BMP4 and the IL-33/sST2 Axis in the Cardiac Remodeling of Diet-Induced Obesity Mice - *E. Vianello, Milano*
• Role of Anti-MDA5 Antibodies in the Pathogenesis of Dermatomyositis and related RP-ILD - *S. Calandra, Pavia*

17.30-17.45

CAP LIAISON

Establishing a high-quality Laboratory with help from CAP
O. Schnaedelbach, College of American Pathologists, USA

17.45-19.00

SIPMeT General Assembly and elections

GET-TOGETHER COCKTAIL 

Saturday 20th September 2025

9.00-9.45



PLENARY LECTURE

Chairs: Massimiliano M. Corsi Romanelli (Milano), Luigi Frati (Roma)
Functional Interrogation of Intratumoral Lymphocytes
Sergio Abrignani (Milano)

10.00-11.00

SESSION 6

Chairs: Arianna Palladini (Pavia), Cristian Turato (Pavia)
• Involvement of innate lymphocytes in the pathogenic mechanisms of colorectal cancer - *M. Fallo, Palermo*
• Role of oxidative stress and neuroinflammation in a glaucoma mouse model. In vivo evidences for a new therapeutic approach
D. Vecchiotti, L'Aquila
• Epigenetic Signatures and Accelerated Aging in Painful Diabetic Neuropathy: A Comprehensive DNA Methylation Analysis
C. Pirazzini, Bologna
• Targeting NADH Homeostasis through GPD2 Inhibition and Metabolic Stress Induces Tumor Regression in Colorectal Cancer
G. Della Rocca, Roma

11.15-12.15

SESSION 7

Chairs: Monica Savio (Pavia), Claudia Scotti (Pavia)
• PRDM2 intersects the mevalonate and egfr pathway: a new target for the colorectal cancer treatment - *E. Di Zazzo, Campobasso*
• CD16+ CD8+ T cells emerging following mRNA vaccination for COVID-19 can infiltrate human colorectal cancer - *S. Campana, Messina*
M. Bevere, Verona
• Moderate training prevents diet induced cardiovascular remodeling in Female Long-Evans Rats - *D. Stefanizzi, Udine*

12.30-13.00

Farewell address & Awards

Programme

General Information

Congress venue

CAMPUS AQUAE
Università di Pavia
Via Cascinazza, 29
27100 Pavia

Social Event

A "Get-together" cocktail dinner will be organized on Friday 19th September at "Mulino della Frega" (Via Vittorio Emanuele II, Lardirago PV).

Shuttle bus service will be organized from the Congress Venue.
A ticket will be delivered to those participants who booked the Cocktail Dinner when registering.
Ticket is mandatory to attend the social event.



Registrations

The Congress is upon registration. Registration is free. The event is reserved to SIPMeT members. We kindly inform you that it will not be possible to renew the membership onsite.

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 18th September, at 12.00.

Catering

SIPMeT is glad to offer a buffet lunch to all congress delegates on Friday 19th September. A coffee station will also be available on Thursday 18th September.



Poster Awards

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

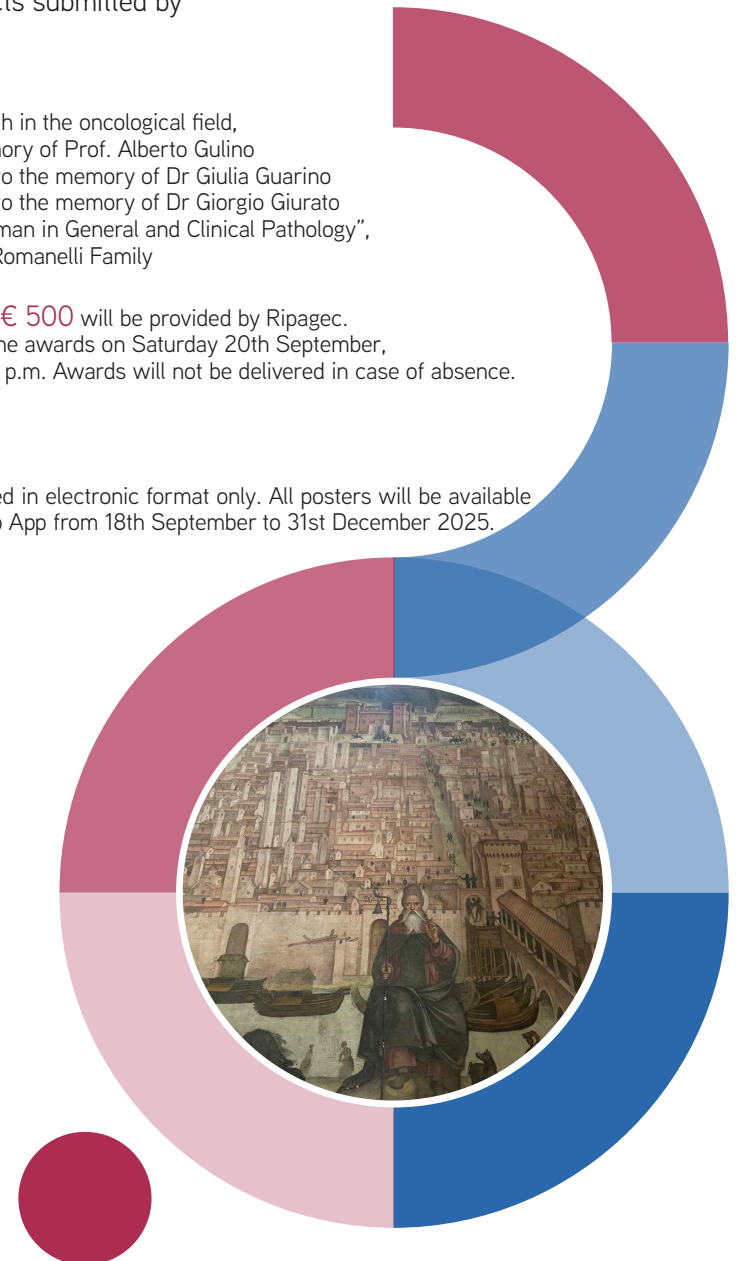
Among them:

- 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

An additional award of **€ 500** will be provided by Ripagec. Winners must pick up the awards on Saturday 20th September, from 12.30 p.m. to 1.00 p.m. Awards will not be delivered in case of absence.

e-Posters

Posters will be displayed in electronic format only. All posters will be available through the official Web App from 18th September to 31st December 2025.



P001

Targeting EIF4A1 is effective against human intrahepatic cholangiocarcinoma

A. Cigliano, W. Mi, G. Galleri, I. Gigante, S.M. Steinmann, E. Cibali, M. Serra, G.M. Pes, D. Schloesser, E. Pizzuto, H. Siegmund, C. Fischer, A. Saborowski, G. Giannelli, M. Evert, L.J.W. Van Der Laan, M.M.A. Verstegen, D.F. Calvisi

P002

Immune Landscapes of Colorectal Cancer: Unveiling Prognostic Signatures through Transcriptomic Deconvolution

M.R. De Miglio, V. Rallo, M. Massidda, M. Deiana, A. Maschio, M.C. Ninniri, A.M. Scanu, A. Angius

P003

Establishing a high-quality Laboratory with help from CAP

O. Schnaedelbach

P004

Interleukin-1 Receptor 8 deficiency enhances the anti-tumour activity of Doxorubicin and reduces Cardiotoxicity

F. Scavello, D. Supino, A. Felicetta, F. Vaino, S. Carnevale, G. Pezzone, I. Di Ceglie, A. Mariancini, A. Rigatelli, F. Pasqualini, A. Idini, A. Privitera, M. Rubino, E. Magrini, S. Jaillon, C. Greco, G. Condorelli, A. Mantovani, C. Garlanda

P005

Targeting Glutamine Synthetase overcomes the resistance of prostate carcinoma cells to glutamine depletion

G. Taurino, C. Ughini, G. Pozzi, C. Maccari, M.G. Bianchi, R. Andreoli, C. Carubbi, S. Tardito, M. Chiu, O. Bussolati

P006

CBX3 as a prognostic biomarker in lung cancer

M. Conte, M. Waqas, N. Del Gaudio, C. Dell'Aversana, A. Nebbioso, V. Carafa, L. Altucci

P007

Development and Characterization of a Novel Fluorescent An-ti-CEACAM5 Antibody for Enhanced Image-Guided Surgery in Gastric Cancer

S. Martinelli, S. Peri, C. Anceschi, A. Laurenzana, L. Fortuna, L. Naldi, G. Marroncini, T. Mello, J. Tricomi, A. Biagioni, A. Amedei, F. Cianchi

P008

Oncostatin M modulates tumor-stroma interactions and fuels intrahepatic cholangiocarcinoma progression via JAK/STAT signalling

N. Porro, J. Nurcis, S. De Siervi, C. Turato, M. Cadamuro, M. Parola, M. Pastore, G. Mattei, A. Magi, K. Rombouts, S. Cannito, F. Marra, A. Gentilini

P009

Identification of an ERK5/hypoxia inducible Factor 1 ' interplay in intrahepatic cholangiocarcinoma

A. Menconi, A. Gentilini, I. Tusa, F. Marra, E. Rovida

P010

FRUCTOSE WORSENS HEPATIC STEATOSIS AND INFLAMMATION BY RESHAPING MACROPHAGE FUNCTIONAL CAPACITIES

C. Vecchio, A. Provera, A. Sheferaw, E. Kivumbi, A. Antonioli, T. Raiteri, I. Stoppa, D. Pantham, F. Christaki, N. Filigheddu, U. Dianzani, F. Prodam, S. Sutti

P011

Therapeutic Potential of Silver Nanoparticles in Aggressive Breast Cancer Subtypes: A Mechanistic Insight

N. Formica, C. Anceschi, S. Martinelli, P. Korakianiti, J. Ruzzolini, E. Frediani, F. Margheri, A. Chillà, E. Efthimiadou, A. Laurenzana

P012

The ICOS/ICOSL Axis: A Novel Target for MASH-Related HCC?

A. Provera, C. Vecchio, A.N. Sheferaw, E. Kivumbi, I. Stoppa, D. Pantham, F. Christaki, U. Dianzani, S. Sutti

P013

Explaining the dynamics of tumor aggressiveness: at the crossroad between biology and artificial intelligence

C.A. La Porta

P014

MARINE-DERIVED ANTRAQUINONE INDUCES MITOCHONDRIA IMPAIRMENT IN MELANOMA CELL LINE.

F.D. Lofaro, A. Ferri, A. Mazzilli, S. Bonacorsi, R. Simonini, F. Boraldi

P015

Nrf2-driven proliferation and metabolic reprogramming in normal hepatocytes

A. Caddeo, M. Serra, A. Smiriglia, K. Taguchi, M. Bacci, S. Koshiba, J. Inoue, E. Hishinuma, C. Migliore, N. Lorito, E. Puliga, G. Zedda, M. Yamamoto, A. Columbano, A. Perra, S. Giordano, A. Morandi, M.A. Kowalik

P016

THE ROLE OF NEW RESEARCH PARAMETERS OF THE BC 6800 PLUS ANALYZER IN THE DIFFERENTIAL DIAGNOSIS OF LYMPHOID NEOPLASMS

S. Sacchetti, D. Ferrante, L. Giacomini, V. Zanotti, M. Bellia, A. Patriarca, U. Dianzani, G. Gaidano, R. Rolla

P017

Multomics Profiling Reveals a Subset of NKG2A+ V γ 2+ T Cells Associated with Response to PD-1 Blockade in Non-Small Cell Lung Cancer

G.D. Badami, M. Shekarkar Azgomi, V. Gristina, M.P. La Manna, M. Fallo, A. Russo, N. Caccamo, S. Meraviglia, F. Dieli

P018

METTL16-mediated inhibition of MXD4 promotes acute myeloid leukemia through activation of the MYC-MAX axis

G. Bove, M. Babaei, A. Bueno Costa, S. Amin, H.G. Stunnenberg, M. Esteller, L. Altucci, N. Del Gaudio

P019

Antitumoral efficacy of AuNRs-laden ECFCs in vitro and in vivo: decoding the Heat and Rays combo treatment in Breast Cancer and Melanoma Cells
C. Anceschi, F. Scavone, E. Frediani, J. Ruzzolini, N. Formica, A. Chillà, F. Margheri, F. Ratto, F. Micheletti, L. Menichetti, P. Armanetti, A. Laurenzana

P020

Long pentraxin 3 (PTX3) as a regulator of lymphangiogenesis and lymphogenous dissemination in melanoma
M. Turati, S. Rezzola, A. Giacomini, V. Salvi, F. Maccarinelli, T. Annese, D. Ribatti, R. Ronca

P021

Microbiota and AI in the Service of Precision Pathology
E. Nunzi, M. Pariano, M.M. Bellet, C. Fabi, L. Romani

P022

Xenobiotic receptors/microbiota crosstalk at mucosal surfaces
M. Pariano, I. Santarelli, C. Fabi, S. Balucchi, E. Nunzi, M.M. Bellet, L. Romani

P023

UVI5008, the first selective, reversible, non-covalent Bruton's tyrosine kinase epi-inhibitor for B-Cell malignancies
C. Dell'Aversana, G. Sgueglia, C. Massaro, U. Perricone, F. Sarno, W.L. Megchelenbrink, M. Conte, V. Carafa, A. Campanella, M. Frenquelli, J. Bordini, P.P. Ghia, V. Belsito Petrizzi, R. Alvarez, D. Nappi, F. Chiurazzi, F.P. Tambaro, W.G. Wierda, A. R. De Lera, L. Altucci

P024

Polystyrene nanoplastics alter the expression of glutamine-related enzymes in mesenchymal stromal cells: an anti-osteogenic effect
M. Castelluccio, E. Griffini, M.G. Bianchi, C. Maccari, G. Taurino, L. Casati, R. Andreoli, O. Bussolati, M. Chiu

P025

Somatic focally amplified super-enhancers as novel oncogenic driver in neuroblastoma
G. Sgueglia, V. Aievola, G. D'Alterio, G. Pirozzi, T. Maiorino, M. Fischer, F. Westermann, J. Maris, S. Diskin, L. Altucci, A. Iolascon, M. Capasso, C. Dell'Aversana

P026

Functional and cognitive frailty assessment in aged mice: towards standardized and translational preclinical metrics
M. Malavolta

P027

JAK2-V617F MUTATION SCREENING IN PATIENTS WITH MYELOPROLIFERATIVE DISORDERS, CALABRIA REGION (SOUTHERN ITALY), YEAR 2024
F. Zinno, D. Terzi, L. Bernardi, M. Puzzo, G. Gentile, C. Giordano, M. Forestiero, A.M. Zimbo, M.R. Vitoritti, A. Fontanella, C. De Rosa, E. Vigna, M. Gentile, S. Catalano

P028

Identification of a Ras family member at the crossroad between ERK5 and ERK1/2 MAPK pathways in melanoma
C. Mazzei, I. Tusa, D. Papini, A. Tubita, A. Menconi, Y. Sfragano, E. Rovida

P029

Development of a pancreatic cancer drug-nanocarrier system selectively targeting tumour cells and tumour stroma via the hERG1-integrin '1 complex to overcome treatment failure
J. Iorio, C. Duranti, R. Colasurdo, L. Marika, E. Lastraioli, M. Santillo, T. Lottini, M. Martinelli, A. Markus, L. Bencini, K. Feldmann, F. Alves, A. Arcangeli

P030

Impact of A' oligomers on human astrocytes derived from healthy individuals and Alzheimer's patients
S. Ristori, E. Bientinesi, G. Bertoni, A. Bigi, D. Monti

P031

T cells, B cells and nanomedicine: the Immune Cell Activation project on the International Space Station
C. Della Bella, M. Benagiano, N. Capitani, L. Niccolai, C. Ravagli, F. Carubia, N. Taliani, A. Tortora, M. Balsamo, G. Baldi, M.M. D'Elios

P032

T3 reverts metabolic reprogramming in a MASH-induced model of HCC
M. Serra, G. Zedda, R. Loi, A. Perra

P033

Targeting the Escape: SETD8 Inhibition Enhances Temozolomide Efficacy in MGMT-Methylated Glioblastoma
R. Della Monica, M. Buonaiuto, M. Cuomo, F. Trio, M. Sabbarese, S. Ferraro, D. Costabile, F.S. Cicala, R. Visconti, L. Chiariotti

P034

Lactylation-Driven Regulation of CA IX Expression in Chemoresistant Gastric Cancer
M. Pinto, E. Andreucci, N. Di Menna, A. Biagioni, S. Peri, F. Cianchi, L. Magnelli, L. Papucci

P035

PBMC Activation and Tumor Killing Enhanced by SLC-0111 and FLOT Combination Therapy
N. Di Menna, E. Andreucci, M. Pinto, A. Biagioni, S. Peri, F. Cianchi, L. Magnelli, L. Papucci

P036

Conditioned media derived from HepG2 cells treated with phosphoeleganin synthetic-derived compound PE/2 improve metabolic function in 3T3-L1 adipocytes
F. Mormone, G. Ferraro, C. Morelli, C. Imperatore, S. Cabaro, G. Perruolo, M. Menna, P. Formisano, F. Oriente

P037

The KDM2A-Notch3 axis as driver of stemness and epithelial-mesenchymal transition in hepatocellular carcinoma

I. De Giorgi, T. Caruso, M.C. Scavuzzo, A. Gentilini, N. Porro, S. Piaggi, P. Faviana, S. Pillozzi, F. Scolari, F. Salani, M. Lulli, G. Paties Montagner, F. Pratesi, A. Corti, V. Carloni, G. Cavallini, L. Gragnani

P038

PRO-DIFFERENTIATION TREATMENT OF LUNG CANCER CELLS SIGNIFICANTLY REDUCES CANCER STEM CELL AND PATHOGENIC TRAITS IN VITRO

A. Grossi, P. Fulghieri, A. Abduvaliev, K. Soffiantini, M. Cavallo, M. Biggiogera, G. Pellavio, U. Laforenza, M. Savio, V. Sottile

P039

Contribution of concurrent RB1 and p53 pathways alteration to the development of the Primitive Neuronal Component in Glioblastoma

E. Somenza, M. Gryzik, E. Casanova, P. Martini, E. Mariotto, P.L. Poliani, F. Pagani, R. Ronca

P040

Pluripotency associated enhancer RNA controls Nanog gene expression in mouse embryonic stem cells

M. Cuomo, D. Costabile, R. Della Monica, M. Buonaiuto, R. Visconti, L. Chiariotti

P041

Promotion of mitochondrial fusion triggers anti-tumor activity and enhances venetoclax sensitivity in multiple myeloma

I. Valentino, M.E. Gallo Cantafio, R. Torcasio, P. Murfone, A. Chiefalo, L. Ganino, I. Coscarella, S. Severini, N. Amodio

P042

A'-Induced Senescence in Alzheimer's Astrocytes Drives Neuronal Death via SASP and Metabolic Dysregulation

E. Bientinesi, S. Ristori, G. Bertoni, D. Monti

P043

Long Pentraxin-3 as a new therapeutic target for medulloblastoma

S. Filiberti, C. Tavani, D. Capoferri, L. Mignani, E. Mariotto, T. Annese, G. Viola, P.L. Poliani, R. Galli, R. Roberto

P044

Mitochondrial fission drives an actionable metabolic dependency in multiple myeloma

M.E. Gallo Cantafio, L. Ganino, I. Valentino, R. Torcasio, P. Murfone, G. Viglietto, N. Amodio

P045

Gemcitabine Promotes Astrocyte Senescence: A Comparative Study Between Alzheimer's Disease and Healthy Cells

G. Bertoni, S. Ristori, E. Bientinesi, D. Monti

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