



SIPMeT

C O N G R E S S 2 0 2 6

16TH-18TH SEPTEMBER 2026

NAPOLI • ITALY
Università degli Studi della
Campania Luigi Vanvitelli

V: Università
degli Studi
della Campania
Luigi Vanvitelli

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Dear Colleagues and Friends,

It is with great honor that I present the program for the 2026 Congress of the Italian Society of Pathology and Translational Medicine (SIPMeT), the first meeting I convene as President. I am especially proud to announce that the Congress will be held in the historic city of Naples, a place of deep symbolic and scientific significance.

This meeting will serve both as a platform for scientific exchange among researchers, clinicians and early-career investigators, and as an occasion to honor our roots and reflect on the future of pathology and translational medicine at national and international levels.

As molecular diagnostics, digital pathology and artificial intelligence reshape workflows and interpretation, the conference will provide consensus frameworks and practical training to support their safe and effective adoption. The Society's role in validating biomarkers and harmonizing testing protocols remains crucial to ensuring equitable access to targeted therapies and clinical trials.

The scientific program will include plenary sessions, thematic symposia, poster discussions and oral presentations showcasing the most innovative contributions. Key topics will span molecular pathology and immunology, personalized therapies, advanced diagnostics and regenerative medicine, with special attention to omics technologies, artificial intelligence and emerging translational research platforms.

The Congress will also be an important opportunity to recognize and support young researchers, fostering the generational renewal essential for sustaining innovation and the international relevance of our discipline.

I warmly invite you to join this landmark event in the spirit of collaboration and shared purpose that has always defined our scientific community.

Let us celebrate science and passion together.

With kind regards,
Prof. Lucia Altucci
SIPMeT President 2026-2027

UNDER THE AUSPICES OF



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Prof. Chiara Papulino

Prof. Ugo Chianese

Dott. Lucia Capasso

PROGRAMME

12:00

Registration

13:45

Opening Ceremony and Welcome Address

Session 1

Introduced and moderated by *L. Altucci (Napoli) & A. Nebbioso (Napoli)*

14:00-14:30

The cell cycle directs tumor cell fate by shaping the epigenome
S. Minucci (Milano)

14:30-15:30

Oral communications selected from abstracts**Chairs: *F. De Nigris (Napoli), M. Parola (Torino), A. Mazzocca (Bari)***EpiMethEx 2.0 tool for the integrated analysis of differentially methylated regions in cancer - *A. Lavoro (Catania)*DNA methylation heterogeneity re-emerges during clonal expansion of glioblastoma cells - *M. Cuomo (Napoli)*

Extracellular Vesicles as Biomarkers in Breast Cancer: Impact of Tumor Modeling

Approaches In Vitro - *G. Poppa (L'Aquila)*Mechanobiology-guided drug repurposing identifies budesonide as an inhibitor of stiffness-induced PDAC aggressiveness - *S. Mas (Palermo)*

15:30-16:30

Coffee break and poster session

Session 2

Introduced and moderated by *G. Canettieri (Roma) & M. Bifulco (Napoli)*

16:30-17:00

Neuroimmune interfaces in cardiovascular disease
D. Carnevale (Roma)

17:00-18:15

Oral communications selected from abstracts**Chairs: *M.M. Corsi Romanelli (Milano), A. Migliaccio (Napoli), F. Olivieri (Ancona)***Role of T3 supplementation in early stage of diabetic retinopathy: evidence of a protective local thyroid hormone adaptation - *S. Calcagno (Firenze)*Blood-based neurological and inflammatory biomarkers predict short- and long-term mortality in hospitalized older adults: findings from the BADGER study - *S. Fantone (Ancona)*

Cuprizone exerts microglia-mediated neurotoxic effects and modulates autophagy

through G-quadruplexes in neuronal cells. - *C. Bucciero (Napoli)*Circulating Sestrin 2 levels increase with age and are associated with functional, biochemical and inflammatory decline and higher mortality in an Italian population - *A. Santoro (Bologna)*Simvastatin Protects Human Cardiomyocytes against Doxorubicin-Induced Toxicity by Modulating Cell Cycle Proteins and Apoptotic Pathways - *B. Pala (Roma)*

Session 3Introduced and moderated by *E. De Smaele (Roma)* & *M. Di Domenico (Napoli)*

09:00-09:30

From Longevity Gene to Therapy: LAV-BPIFB4 as a Paradigm of Translational Medicine for Healthy Aging
A. A. Puca (Salerno)

09:30-10:30

Oral communications selected from abstracts**Chairs: S. Catalano (Cosenza), F. Curcio (Udine), A. Perra (Cagliari)**Epigenetic Stratification in EGFR and KRAS NSCLC Patients: Role of Aberrant Methylation of CD274/PD-L1 gene - *F. P. Fabrizio (Enna)*Somatic focally amplified super-enhancers as novel oncogenic driver in neuroblastoma - *G. Sgueglia (Napoli)*The Oncostatin M/OSMR β Axis Shapes the Tumor Microenvironment and Enhances Invasiveness in Intrahepatic Cholangiocarcinoma - *J. Nurcis (Torino)***Presentation sponsored by VAZYME**

10:30-11:30

Coffee break and poster session

**Session 4**Introduced and moderated by *E. De Smaele (Roma)* & *C. Stellato (Salerno)*

11:30-12:00

Basic Principles of Immune Tolerance: on the Existence of Regulatory T cells
G. Matarese (Napoli)

12:00-13:00

Oral communications selected from abstracts**Chairs: O. Bussolati (Parma), M. Libra (Catania), F. Zazzeroni (L'Aquila)**Metabolic dominance of glycolysis over lipid metabolism shapes osteosarcoma heterogeneity and drug response - *U. Chianese (Napoli)*AMBRA1 regulates Sonic Hedgehog signaling during cerebellar development and promotes SHH-medulloblastoma - *P. Infante (Roma)*From patient to prediction, autologous inflamed synovium-on-chip models to forecast therapeutic response in rheumatoid arthritis - *A. Chiocchetti (Novara)*Glutamine derived from human macrophages is needed for IFN gamma secretion by CD8+ lymphocytes. - *M. Bianchi (Parma)*

13:00-14:30

Lunch

**Session 5**Introduced and moderated by *A. Feliciello (Napoli)* & *M. Maggiolini (Cosenza)*

14:30-15:00

Innovative trial design in Cancer Medicine
G. Curigliano (Milano)

15:00-16:00

Oral communications selected from abstracts**4 PARALLEL SESSIONS** (BIOTECHNOLOGY - EPIGENETICS - IMMUNO-ONCOLOGY - PATHOLOGY)SESSION BIOTECHNOLOGY
ROOM SP3

**Chairs: V. Carafa (Napoli), E. Ciaglia (Salerno), M. Conte (Napoli),
 G. Nassa (Salerno)**

FFPE-Open-ST: Whole-transcriptome spatial transcriptomics unlocks the potential of archival clinical samples - *M. Brunetti (Roma)*Snowball Effect: A Synergistic Nanotechnology Platform for Precision Radiosensitization of Triple-Negative Breast Cancer - *C.ANCESCHI (Firenze)*Targeting Circadian Dysregulation and Airway Inflammation in Cystic Fibrosis Using Inhalable Iloprost Nano-in-Micro Formulations: An Ex Vivo and Exome-Based Study.
*A. L. Carbone (Foggia)*Targeting YAP/TAZ to overcome drug resistance in melanoma cells - *J. Ruzzolini (Firenze)*Novel insights into the pathogenetic mechanisms of cancer resistance against Topotecan: the role of glutathione transferase omega 1-1. *G. Paties - Montagner (Pisa)*Succinate-Generated Redox Potential Enhances the Efficacy of Chemosensitizers in Overcoming Cancer Drug Resistance - *P. Leone (Bari)*SESSION EPIGENETICS
& SIGNAL TRANSDUCTION
ROOM SP2

**Chairs: L. Chiariotti (Napoli), N. Del Gaudio (Napoli), R. Muraro (Chieti),
 R. Tarallo (Salerno)**

Establishing METTL16 as a key regulator of GBM carcinogenesis - *M. Crepaldi (Napoli)*

Hypoxia-Driven EphA2 Targeting Enables A40s-miR-340-5p Delivery to Disrupt

Glioblastoma Stem Cells - *M. Mascolo (Napoli)*CDK4/6 inhibitors induce.... - *M. Talia (Cosenza)*Tau Protein (MAPT) as a Marker of Neuroblastoma Cell Identity - *E. Cornacchia (L'Aquila)*Moderate physical training rescue diastolic dysfunction by decreasing myocardial fibrosis in a rat model of obese HFpEF - *D. Stefanizzi (Udine)*

Mediterranean Diet-Associated Extracellular Vesicles Attenuate Breast Cancer

Aggressiveness through the miR-10a-5p/HSP90 Axis - *L. Gelsomino (Cosenza)*

PROGRAMME

SESSION IMMUNO-ONCOLOGY & MOLECULAR ONCOLOGY ROOM SP4

Chairs: M. Conese (Foggia), C. Dell'Aversana (Napoli), U. Dianzani (Novara), A.D. Procopio (Ancona)

HIV-1 Priming Induces Trained Immunity-Like Features in Human Monocytes - *C. Vanetti (Milano)*
Immunomodulation of $\gamma\delta$ T Cells in Glioblastoma Multiforme - *C. Dieli (Palermo)*
TCD147 Orchestrates Tumor Growth and Microenvironmental Remodeling in H3 K27-Altered Diffuse Midline Glioma - *R. Colonna (Milano)*
The oncogenic lncRNA PVT1 drives DNA Damage Response adaptation and therapeutic vulnerability in Breast Cancer - *V. Melone (Salerno)*
A PTX3/TLR4 AXIS SUSTAINS SHH-MEDULLOBLASTOMA GROWTH AND DEFINES A NEW THERAPEUTIC VULNERABILITY - *S. Filiberti (Brescia)*
Involvement of innate lymphocytes in the pathogenic mechanisms of colorectal cancer - *M. Fallo (Palermo)*

SESSION PATHOLOGY ROOM AULA AGNA

Chairs: L. Atzori (Cagliari), L. Capasso (Napoli), G. Cobellis (Napoli),

KCTD14 as a potential modulator of mitochondrial metabolism in thyroid cancer - *L. Nelia (Napoli)*
P2RX4 drives lipid metabolic rewiring and pseudohypoxic adaptation in ccRCC - *B. De Marino (Napoli)*
SP6 Promotes LPCAT1-Dependent Lysolecithin Reprogramming and Preserves Cardiometabolic Homeostasis in Type 2 Diabetes - *C. Iside (Salerno)*
ROLE OF VERSICAN PROTEOGLYCAN IN BREAST CANCER ADIPOSE MICROENVIRONMENT-F. *D'Alterio (Napoli)*
KCASH2 as a new modulator of the mitotic checkpoint - *S. Bellardinelli (Roma)*
Asparaginase induces amino acids-dependent metabolic stress coupled with abortive S-phase and loss of cell-matrix interactions in renal cell carcinoma - *A. Previtali (Pavia)*

Introduced and moderated by *S. Andò (Cosenza) & C. Caruso (Palermo)*

16:00-16:30 **Atypical chemokine receptors - ACKR3 to ACKR5 (GPR182)**
M. Thelen (Switzerland)

17:00-18:00 SIPMeT General Assembly

20:00 Social event



18TH
SEP

PROGRAMME

Session 6

Introduced and moderated by *F. Curcio (Udine) & P. Formisano (Napoli)*

09:00-09:30 **Novel diabetes medications: clear health benefits through incompletely known mechanisms**
E. Orsi (Milano)

09:30-11:00 **Oral communications selected from abstracts**
Chairs: S. Abrignani (Milano), N. Caccamo (Palermo), R. Ronca (Brescia)
Cell state plasticity highlights the Sting pathway as a therapeutic vulnerability for high-risk neuroblastoma - *R. Schirano (Roma)*
A role of the ubiquitin ligase Praja2 in autophagy and metabolic remodelling of GBM cells. - *E. Senatore (Napoli)*
MDM2 Inhibition Enhances NK Cell-Mediated Cytotoxicity Against Osteosarcoma Through p53-Dependent Upregulation of Activating Receptor Ligands Cifaldi - *L. C. Cifaldi (Roma)*
The antidiabetic drug metformin inhibits colorectal cancer growth through the PEN2-lysosome-NRF2 axis - *L. Campea (Roma)*
Modulation of Th1 and Th2 chemokines secretion by corticosteroids, or rapamycin, in primary orbital cell cultures of patients with thyroid eye disease - *S. M. Ferrari (Pisa)*
MCUB limits intestinal epithelial regeneration and barrier integrity during inflammatory bowel disease - *A. De Mario (Padova)*

11:00-11:45 Coffee break and poster session

Session 7

Introduce e modera *L. Romani (Perugia) & L. Frati (Roma)*

11:45-12:15 **Cancer Vaccine**
P. Ascierto (Napoli)

12:15-13:15 **Awards and farewell address**



CONGRESS VENUE

NAPOLI • ITALY

Università degli Studi della Campania
Luigi Vanvitelli - Complesso Santa Patrizia,
Via Luciano Armanni, 5, 80138 Napoli NA



The scientific sessions will be held in **Aula Magna**.
Due to limited capability of the room and large number of
participants, three additional rooms will be connected in
streaming.

Access to the rooms during the event will be free and not
regulated, at the delegates' choice (according to availability).



REGISTRATIONS

The Congress is upon registration.
The event is reserved to SIPMeT members.

Due to the exceptionally high number of registrations
already received and finalized, registration for the
congress is now permanently closed. Unfortunately,
capacity and safety constraints do not allow us to
accept further registrations.

We kindly inform you that it will not be possible to
renew the membership onsite.

SOCIAL EVENT

A "Get-together" cocktail dinner will be organized on
Thursday 17th September at "Palazzo Caracciolo"
(Via Carbonara, 112, 80139 Napoli NA).

A ticket will be delivered to those participants who
booked the Cocktail Dinner when registering.

Ticket is mandatory to attend the social event.

GENERAL INFORMATION



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.



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 16th September, at 12.00.



CATERING

SIPMeT is glad to offer a buffet lunch to all congress delegates on Thursday 17th
September.

Coffee breaks will also be offered every Congress day.



CONGRESS LANGUAGE

The official language of the Congress is English.

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 Prof. Edoardo Alesse
- 1 award is dedicated to the memory of Dr. Giulia Guarino
- 1 award is dedicated to the memory of Prof. Francesco Bresciani
- 1 award, entitled "Woman in General and Clinical Pathology", is provided by Corsi Romanelli Family

The following additional awards will be also provided:

- Two awards of € 500 each by Ripagec.
- Two awards of € 750 each by Fondazione Pandolfi.

Winners must pick up the awards on Friday 18th September, from 12.30 p.m. to 1.00 p.m.

Awards will not be delivered in case of absence.

POSTERS

Posters will be displayed in paper format.

An appropriate poster area will be set up in the congress venue, nearby the Aula Magna.

Posters will be displayed in two different sessions among all congress days:

Session A: from 16 september 14:00, until 17 september 13:00

Session B: from 17 september 14:30, until 18 september 13:00



ABSTRACTS

A001

Aptamer-Based Therapeutics Targeting AXL and CAFs to Overcome Chemoresistance in Lung Cancer

Z. Zaroony, B. De Marino, C. D'Ambrosio, F. De Nigris

A002

CBX3 as a prognostic biomarker in lung cancer

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

A003

MLH1 promoter methylation, mismatch repair, and intestinal differentiation markers in papillary thyroid carcinoma

F. França Vieira E Silva, A. Ballini, M. Di Domenico

A004

Dissecting METTL3 Inhibition as a Potential Platform for Synthetic Lethality in NSCLC

M. Gull, G. Bove, N. Del Gaudio, L. Altucci

A005

KIRCONG chim PEG enhances Vorinostat efficacy in TNBC by targeting STAT3 signalling

C. Bucciero, G. Castellano, A. Cugudda, S. La Manna, D. Marasco, G. Portella, A.M. Malfitano

A006

PREP1 DEFICIENCY PROTECTS FROM HYPERGLYCEMIA-INDUCED RETINAL NEURODEGENERATION

F. Mormone, C. Nigro, E. Di Napoli, F. Margheri, M. Longo, C. Morelli, A. Leone, I. Prevenzano, G. Dello Iacovo, F. Feleppa, G. Perruolo,

A. Laurenzana, O. Paciello, P. Formisano, F. Oriente

A007

Challenges posed by EU EVDR regulations for pathology laboratories and compliance solutions

O. Schnaedelbach

A008

Evaluation of novel compounds for reduction of serum bilirubin.

C. D'Ambrosio, B. De Marino, Z. Zaroony, F. De Nigris

A009

The AKAP1 ribonucleoprotein network integrates mitochondrial homeostasis, P-body dynamics and protein translation in cycling cells.

L. Rinaldi, E. Senatore, G. Sorvillo, A. Feliciello

A010

Functional characterization of CBX2 inhibition in GBM

B. La Rocca, M. Conte, V. Carafa, N. Del Gaudio, L. Altucci

A011

Integrated Transcriptional and Post-Transcriptional Remodeling of Adipose Tissue by the DPP-4 Inhibitor Linagliptin in Experimental Obesity

L. La Sala, F. Bianchi, P. Primignani, E. Vianello, M.M. Corsi Romanelli, E. Dozio

A012

Modelling functional and metabolic alterations in an experimental human-derived model of steatotic-like HepG2 hepatocytes by exploiting a novel sustainable extract of Malus domestica Cripps Pink apple extract

C. Giglione, L. Comi, H. Berisha, R. Hattab, P. Magni

A013

Resveratrol and its analogue with similar metabolic profiles synergistically enhance cisplatin cytotoxicity, inducing DNA damage in A549 lung cancer cells

M. De Vita, I. Maffini, B. Mannucci, L.A. Stivala, M. Savio

A014

Anti-beta 4 integrin antibodies in patients with mucous membrane pemphigoid: an European multicentric study

G. Isoldi, R. Maglie, C.V. De Almeida, E. Rovida, E. Antiga, M. Lulli

A015

Proteomics of peri-pancreatic adipose tissue in overweight/obesity and in type 2 diabetes

M. Suleiman, M. Tesi, F. Di Cintio, S. Del Guerra, L. Rossi, C. Saponaro, M. Ronci, P. Marchetti, L. Marselli

A016

S-Adenosylmethionine Enhances Temozolomide Sensitivity and Overcomes MGMT-Mediated Resistance in Glioblastoma Cells

L. Mosca, C. Pagano, C. Laezza, P. De Antonellis, M. Gentile, G. Avilia, D. Totaro, M. Siniscalchi, M. Bifulco, M. Porcelli

A017

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

G. Bove, R. Benedetti, C. Dell'Aversana, V. Carafa, A. Nebbioso, L. Altucci, M. Esteller, N. Del Gaudio

A018

The Potential Anti-inflammatory and Antioxidant Effects of Strawberry Extract Sabrina on LPS-Induced Inflammation in THP-1-Derived Macrophages

N. Malik, G. Verrilli, S. Pacifico, S. Piccolella, L. Altucci, V. Carafa

A019

Dual targeting of PI3K and Aurora B pathways produced an anti-tumor response in preclinical models of NSCLC harboring PIK3CA mutations.

G. Digiacoimo, M. Pagano Mariano, S. La Monica, G. Mazzaschi, R. Minari, M. Tiseo, P.G. Petronini, R. Alfieri, A. Cavazzoni

A020

IL-33-Associated Inflammatory Signaling and PPAR-Driven Metabolic Reprogramming in High-Fat Diet-Induced Cardiac Proteome Remodeling

M.M. Corsi Romanelli, M. Kalousová, E.M. Maffioli, L. Tacchini, E. Dozio, P. Roccabianca, G. Tedeschi, T. Zima, E. Vianello

A021

Decoding the Epigenetic Landscape Shaped by Obesity-Derived Extracellular Vesicles in Mammary Epithelial Cells: UBE2C as a Potential Driver of Early Breast Oncogenesis

P. Del Console, L. Gelsomino, E. Avolio, S. Andò, D. Bonofiglio, C. Giordano, I. Barone, S. Catalano

A022

The expression of the p62/SQSTM1 protein is regulated by the lysine-methyltransferase KMT5a and the p53 protein in glioblastoma

M. Buonaiuto, C. Napoli, A. Karimi Gohari, D. Costabile, M. Russo, M. Cuomo, D. Drongitis, M.G. Miano, F. Trio, M. Sabbarese, S. Ferraro,

A. De Bellis, L. Oliva, R. Visconti, L. Chiariotti, R. Della Monica

A023

Helicobacter pylori induces the production of Interleukin-37 from human gastric mucosa to promote immunosuppression, escaping specific T cell response.

C. Della Bella, R. Pathirana, R. Ferrero, M.M. D'Elíos, C. Nold-Petry, M. Nold, M. Kaparakis-Liaskos

A024

Interleukin 8 as a Potential Mediator of Obesity-Associated Inflammation in Multiple Myeloma Progression

L. Manna, M.F. Fiorita, G. Augimeri, L. Gelsomino, C. Giordano, M. Gentile, E.A. Martino, E. Avolio, C. Morelli, D. Sisci, D. Bonofiglio, I. Barone, S. Catalano

A025

DNA methylation profiling identifies epigenetic reprogramming in fulvestrant resistant ER+ breast cancer

M. Smal, A. Giordano, A. De Giorgio, E. Alexandrova, D. Di Rosa, F. Robertazzi, C. Veneri, T.R. Galise, G. Nassa, R. Tarallo, A. Weisz, F. Rizzo

A026

Neuropsychiatric disorders during treatment for ADHD with atomoxetine and methylphenidate a systematic review and meta-analysis

R. Di Napoli, C. Scavone, L. Di Costanzo, L. Sportiello, A. Capuano

A027

Pharmacological induction of a reversible dormancy-like state by the glucocorticoid budesonide restrains tumor growth in colorectal cancer

F. Saracino, E. Ibello, D. Delle Cave, S. Arbucci, G. Andolfi, R. Di Martino, G. Stassi, E. Battle, C. Cortina, E.J. Patriarca, E. Lonardo, G. Minchiotti

A028

HuR as a Therapeutic Vulnerability in Castration-Resistant Prostate Cancer

V. Tutino, C. Lauretta, D. Simão De Souza, E. Sabbatino, C. Sorrentino, M. Di Donato, P. Giovannelli, A. Migliaccio, G. Castoria

A029

Targeting TRPM8 in Metastatic Melanoma: A Dual Strategy for Apoptosis Induction and NK Cell Sensitization

C. Lauretta, C. Sorrentino, S. Musella, A. Bertamino, P. Giovannelli, A. Migliaccio, G. Castoria, M. Di Donato

A030

Therapeutic Potential of Silver Nanoparticles in Aggressive Breast Cancer Subtypes: A Mechanistic Insight
N. Formica, C.ANCESCHI, S. Martinelli, P. Korakianiti, E. Frediani, J. Ruzzolini, A. Chillà, E. Efthimiadou, F. Margheri, A. Laurenzana

A031

Mitochondrial ultrastructural and morphometric profiling of monocytes in patients with geriatric frailty
O. Navaei, B. Torsello, S. De Marco, B. Vergani, M. Bossi, M. Mauri, G. Ducci, V. Pasquale, M. Lombardi, E. Locatelli, F. Remelli, G. Pampolini, E. Ferrighi, M. Bursi, A. Bellotti, R. Candeloro, S. Serrao, M.C. Ferrara, W. Guo, E. Cucini, G. Bellelli, M. Castellazzi, G. Paglia, E. Sacco, D.P. Bernasconi, C. Trevisan, P. Mazzola, C. Bianchi

A032

Exploring the role of the chemokine receptor CXCR2 in muscle stem cell heterogeneity
A. Gambardella, V. Tarallo, G. Andolfi, S. Arbucci, R. Di Martino, L. Altucci, G. Minchiotti, O. Guardiola

A033

The DNA minor groove binders Trabectedin and Lurbinectedin are potent antitumor agents in human intrahepatic cholangiocarcinoma
E. Gäbele, I. Gigante, M. Pastore, A. Cigliano, G. Galleri, T. Bauer, E. Pizzuto, S. Mancarella, M. Mueller, F. Marra, H. Siegmund, G. Giannelli, M. Evert, C. Raggi, D. Calvisi, S. Steinmann

A034

Alzheimer's disease astrocytes exhibit enhanced susceptibility to gemcitabine-induced senescence
S. Ristori, G. Bertoni, D. Monti

A035

Lifting the mist on pancreatic islet cell dysfunction in type 2 diabetes (T2D): lessons learnt from 1,615 organ donor pancreases handled at a single center.
M. Tesi, M. Suleiman, M. Varisco, S. Del Guerra, C. De Luca, C. Saponaro, F. Raimondi, P. Marchetti, L. Marselli

A036

Identification of Mitochondrial Cytochrome b (MT-CYB) as a Novel Molecular Target of Lamotrigine in Breast Cancer Cells
S. Spadafora, M. Fava, A. Galati, M. Strumbo, F. Grande, M.A. Occhiuzzi, F. Giordano, D. Sisci, C. Morelli

A037

Beyond Hallmark Stacking: A Data-Driven Bottleneck Framework for Prioritizing Mouse Lifespan Intervention Combinations
M. Marco, G. Maria Elisa, B. Giorgia, L. Giovanni, A. Sunday Segun, M. Serena, O. Fabiola

A038

HIPK2 inhibition promotes cytoplasmic accumulation of TDP-43 and its interaction with VAPB: a proteomic insight into ALS pathogenesis
C. Canè, A. Conte, A. Di Somma, M.E. Carbone, A. Palazzi, L. Tammaro, A. Rea, R. Venditti, A. Duiilo, M.A. De Matteis, S. Paladino, G.M. Pierantoni

A039

Epigenetic regulation of LAV-BPIFB4 drives metabolic rewiring and modulates healthy aging
A. Beato, U. Chianese, C. Papulino, I. Giacobbe, E. Ciaglia, A.A. Puca, L. Altucci, R. Benedetti

A040

Ivermectin and Methylene Blue enhance chemosensitivity in resistant cancer cell models
P. Leone, A. Ranjbar, E. Favoino, L. Schwartz, A. Mazzocca

A041

Overcoming Colorectal Cancer Chemoresistance through Metabolic and Kinase Interventions
E. Favoino, P. Leone, S.S. Karki, A. Mazzocca

A042

Integrative spatial analysis reveals CD147-associated tumor-microenvironment niches in posterior fossa ependymomas
D. Lucchetti, F. Toma, A. D'Amati, C. Parrillo, B. Cellini, G. Mantini, F. Colella, M. Gessi, I. Serangeli, T. Serveidei, A. Ruggiero, A. Sgambato

A043

Alternative PET tracers for the early detection of osimertinib resistance in EGFR-mutated NSCLC
S. La Monica, R. Alfieri, M. Bonelli, A. Cavazzoni, G. Digiaco, A. Leonetti, M. Tiseo, PG. Petroni

A044

Synergistic therapeutic potential of combined AXL and FAK inhibition in Osteosarcoma
V. Lucarini, S. Travaglini, V. Angiolini, D. Nardozi, M. Leopizzi, A. Bei, L. Del Conte, E. Leti Maggio, M. Benvenuto, C. Focacetti, C. Palumbo, S. Fillo, F. Lista, L. Cifaldi, R. Bei, L. Masuelli

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A. Fornaro, C. Papulino, M. Crepaldi, U. Chianese, S. Pacifico, S. Piccolella, N. Del Gaudio, G. Favale, L. Capasso, A. Nebbioso, S. Bortolussi, S. Cappabianca, G. Paolisso, L. Altucci, V. Carafa

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“Targeting Hypoxia Pathways in Breast Cancer Cell Lines: The Effects of Novel HIF Ligands”
M.B. Lista, M. Tafani, M. Avenaggiato, F. Barreca, G. Francisci, E. Frustaci, A. Coluccia, R. Silvestri

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G. Francisci, F. Barreca, M.B. Lista, E. Frustaci, S. Valente, A. Mai, M. Aventaggiato, M. Tafani

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D. Capozzi, F. Valentino, L. Tuosto, A. Asquino, A. Pace, A. Cirillo, A. Gelibter, A. Botticelli, I.G. Zizzari, C. Napoletano, P. Paci, A. Ruggetti

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M. De Girolamo, E. Ibello, T. Improda, C. Dell'Aversana, C. D'Aniello, D. De Cesare, L. Altucci, L. Cobellis, E.J. Patriarca, G. Minchiotti, G. Cobellis

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G. Ruggiero, Z. Spinello, N. Pediconi, F. Conte, P. Palumbo, V. Mattei, E. Ferretti, M. Ronci, G. Catanzaro

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G. Favale, G. Verrilli, L. Altucci, V. Carafa

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S. Crupi, G. Sgueglia, U. Chianese, G. Paolisso, L. Altucci, C. Dell'Aversana

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A. Feola, G. Romano, V. Morgera, A. Pezone, M.T. Gentile, A. Porcellini

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A. Salvati, J. Lamberti, D. Memoli, A. Casaburi, M. Ascoli, F. Papaccio, M. Pierri, S. Terracciano, G. Bifulco, G. Lauro, F. Rizzo, A. Weisz, R. Tarallo, G. Nassa

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M. Fava, S. Spadafora, M. Strumbo, A. Galati, I. Casaburi, R. Sirianni, M. Lanzino, D. Sisci, I. Barone, C. Morelli

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

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G. Sinigaglia, M. Orlandi, A. Spinella, I. Martusciello, V. Selleri, G. Zanini, M. Giulia, M. Nasi, D. Giuggioli, M. Pinti

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S. Acampora, F. Amoroso, A. De Corso, C. Dell'Aversana, W.L. Megchelenbrink, E. Ibello, R. Di Martino, C. D'Aniello, L. Altucci, G. Cobellis, E.J. Patriarca, G. Minchiotti

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M. Potenza, G. Sala, M. La Vecchia, M. Sculco, S. Cagliano, R. Monzani, A. Provera, M. Calvigioni, E. Ghelardi, S. Sutti, M. Corazzari, A. Aspesi, I. Dianzani

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G. Lai, G. Bigossi, N. Tombolesi, A. Amoroso, M.E. Giuliani, S. Marcozzi, F. Orlando, A.M. Eleuteri, A. Rombolà, O. Valente, A. Frigeri, M. Malavolta

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M. Sbaffone, I. Martelli, L.A. Cappabianca, A.R. Farina, A.R. Mackay

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R. Florio*, M. Di Donato*, S. Veschi, A. Piro, A. Lamolinara, F. D'Ascanio, I. Silvani, F.D. Del Pizzo, P. Lanuti, G. Castoria, A. Cama, L. De Lellis

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S. Amin, G. Bove, M. Babaei, T. Uddin, M. Crepaldi, N. Simonelli, M. Mohammadi, M. Gull, S. Orsillo, V. Carafa, H.G. Stunnenberg, A. Nebbioso, L. Altucci, N. Del Gaudio

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D. Palumbo, A. Grimaldi, F. Di Casola, V. Melone, L. Palo, E. Orlando, C. Ferravante, R. Tarallo

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F. Di Giovanni, I. Flati, H.N. Khan, D. Verzella, D. D'Andrea, F. Dall'Aglio, F. Veglianti, M. Di Vito Nolfi, D. Di Felice, D. Vecchiotti, E. Alesse, F. Zazzeroni, D. Capece

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C. Pignataro, Y.C. Veneruso, N. Profitós-Pelejà, M. Fernández, G. Petrillo, M. Mascolo, S. Verde, A. Fraticelli, K. Tkalcic, R. Froncillo, V. Pintus, A. Affinito, C. Quintavalle, G. Inghirami, G. Roue, G. Condorelli, D. Fiore

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A. Platania, A. Bucalo, V. Valentini, V. Porzio, B. Bonanni, D. Calistri, I. Carnevali, L. Cortesi, G. Giannini, V. Gismondi, S. Manoukian, L. Manzella, M. Montagna, P. Radice, A. Russo, D. Turchetti, A. Viel, I. Zanna, G. Masala, V. Silvestri, L. Ottini

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F. Biscotti, M. Bortolotti, M. Laffi, L. Polito, A. Bolognesi

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Y. Sfragano, S. Matilla-Almazàn, G.I. Truglio, I. Tusa, A. Menconi, C. Mazzei, F. Manetti, E. Petricci, A. Pandiella, A. Esparis-Ogando, E. Rovida

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F. Vaio, M. Aventaggiato, D. Caissutti, E. Lerat, R. Misasi, M. Tafani, E. Anastasi, E. Ferretti, S. Mardente

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A. Casaburi, D. Memoli, J. Lamberti, M. Ascoli, I. De Iasi, R. Tarallo, A. Salvati, G. Nassa

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G.D. Badami, A. Corsale, M. Di Simone, C. Dieli, V. Gristina, A. Russo, M. Fallo, M.P. La Manna, S. Meraviglia, N. Caccamo, F. Dieli

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S. Calandra, A. Previtali, M. Maggi, L. Iamele, C. Castellini, L. Navarini, Q. Fu, J. Qian, R. Giacomelli, P. Ruscitti, G. Zanframundo, L. Cavagna, V. Codullo, C. Scotti

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A. Pace, A. Asquino, L. Tuosto, F. Valentino, D. Capozzi, M. Nuti, C. Napoletano, I.G. Zizzari, A. Rughetti

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A.M. Corsale, M. Di Simone, J.P. Cerapio, C. Avellone, C. Dieli, S. Marchiafava, F. Dieli, S. Meraviglia

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D. Coradduzza, S. Medici, G.L. Erre, C. Carru, M.R. De Miglio

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M. Correnti, E. Gammella, D.F. Calvisi, F. Cadamuro, M. Urso, F. Pagni, L. Russo, S. Recalcati

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A. Piro, R. Florio, L. De Lellis, A. Lamolinara, F.D. Del Pizzo, F. D'Ascanio, F. Brugnoli, V. Bertagnolo, P. Lanuti, M. Iezzi, A. Cama, S. Veschi

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E. Somenza, M. Turati, C. Tavani, A. Angeli, C.T. Supuran, R. Ronca

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F. Ragusa, P. Fallahi, C. La Motta, G. Elia, E. Balestri, C. Botrini, L. Rugani, S. Piaggi, G. Del Carlo, R. Rizzi, B. Cimbalo, G. Varricchi, A. Antonelli, S.M. Ferrari

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R. Reali, M.V. Giuli, S. Checquolo

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Dual inhibition of SETD8 and HDAC2 restores p53K382-dependent cell death in pediatric and adult tumor cells
G. Li Vecchi, R. Schirano, C. Manfredi, D. Lopez, E. Appella, G. Giannini, V. Veschi

B014

Antineoplastic effects of Doxorubizen in Anaplastic Thyroid Cancer: evaluation by in vitro and in vivo studies
G. Elia, S.M. Ferrari, I. Tkachenko, D. Walunj, E. Balestri, C. Botrini, F. Ragusa, L. Rugani, G. Del Carlo, R. Rizzi, B. Cimbalo, Y. Shoenfeld, A. Antonelli, G. Gellerman, P. Fallahi

B015

HuR targeting enhances tumor immunogenicity across multiple cancer models
M. Casciello, I. Lettiero, A. Cascone, A.N. Calabrese, R. Presutto, M.J. Lamberti, V. Casolaro, C. Stellato, J. Dal Col

B016

Large-Scale Metabolomic Assessment of Obesity Using Multiple Analytical Platforms
C. Piras, K.K. Kopeć, R. Pool, M. Mauri, S. Han, S. Bruins, B.H. Mishra, G. Drouard, D. Krongauz, P. Symianakis, K. Silventoinen, O. Raitakari, P.P. Mishra, T. Lehtimäki, E. Segal, E. Marouli, G. Santorelli, M. Kafyra, I.P. Kalafati, T. Palviainen, A. Obeso, L. Ligthart, F. Ahmadizar, L. Atzori, M. Ala-Korpela, A. Eriksson, J. Kaprio, D.J. Boomsma, A. Luszczynska, G.V. Dedoussis, A. Noto, V. Fanos

B017

One molecule, dual function: a novel scDb-TRAIL-ICG strategy for imaging and targeted therapy in Triple-Negative Breast Cancer
C. Duranti, J. Iorio, G. Boso, T. Lottini, D. Lawrence, A. St. Lorenz, S. Burris, I. Peluso, A. Arcangeli

B018

Phospholipid reacylation acts as a metabolic checkpoint of macrophage activation and resistance to Leishmania infection
G. Mazza, H. Ashwin, S. D'Alessandro, S. Parapini, F. Perego, E. Calvo Alvarez, S. Ghezzi, A. Murugan, G. Poli, P. Kaye, N. Basilico, S. Dey

B019

DNA Methylation remodelling in whole blood from Rheumatoid Arthritis patients treated with immune-modulatory Methotrexate therapy
F. Ferraresi, E. Assirelli, K.M. Kwiatkowska, C. Pirazzini, D. Gentilini, F. Ursini, P. Garagnani, S. Neri

B020

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D. Di Felice, F. Di Giovanni, I. Flati, F. Veglianti, M. Di Vito Nolfi, N.K. Hafiz, A. Costanzi, D. Vecchiotti, D. Verzella, E. Alesse, F. Zazzeroni, D. Capece

B021

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M. Zitiello, G. Favale, C. Della Pepa, A. Mignano, G. Caliendo, V. Carafa, M.T. Vietri

B022

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M. Turati, S. Filiberti, E. Somenza, C. Tavani, N. Tassone, M.L. Massardi, F. Carta, C.T. Supuran, R. Ronca

B023

Metabolic and immune signatures associated with rejection and tolerance in lung transplantation
G. Micheloni, G. Zanini, V. Selleri, G. Sinigaglia, F. Paone, I. Righi, M. Nasi, M. Pinti

B024

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I. Lettiero, A. Cascone, M. Casciello, M.J. Lamberti, A.N. Calabrese, C. Stellato, J. Dal Col

B025

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M. Spada, M. Pibiri, V.P. Leoni, C. Piras, A. Noto, F. Murgia, A. Restivo, L. Zorcolo, L. Atzori

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M. Russo, D. Costabile, R. Della Monica, M. Buonaiuto, L. Oliva, P. Carmellini, A. Cuomo, A. Fagiolini, R. Visconti, L. Chiariotti, M. Cuomo

B027

Evaluating Plasma Extracellular Vesicle Galectin-10 as a Non-Invasive Biomarker for Eosinophilic Esophagitis: a Pilot Study
A.N. Calabrese, F. Mone, A. Balestrino, A. Nigro, I. Carrieri, A. Motta, V. Conti, V. Casolaro, S. Lembo, M. Triggiani, M. Casciello, A. Cascone, I. Lettiero, P. Iovino, J. Dal Col, C. Stellato

B028

An inflammasome-associated molecular and tissue signature characterises temporal artery inflammation in giant cell arteritis
G. Forte, R. Giacca, S. Croci, M. Patrone, D. Mauro, A. Salzillo, B. De Marino, M. De Feo, C. Salvarani, A. Cavazza, F. Ciccia

B029

Red Cell Distribution Width in Systemic Sclerosis: From a Hematological Parameter to a Potential Systemic Biomarker
A. Salzillo, R. Giacca, G. Forte, T. Saleem, G. Palmiero, A. Ragone, L. Sapio, S. Naviglio, F. Ciccia, V. Liakouli

B030

Application of EMIL (Epigenetic Marker Hypomethylated for Acute Promyelocytic Leukemia) for epigenetic profiling and prognostic assessment in non-APL hematological malignancies
C. Dell'Aversana, P. Scala, V. Giudice, B. Serio, G. Franci, G. Sgueglia, N. Del Gaudio, G. Bove, A.M. Della Corte, C. Selleri, L. Altucci

B031

From Stem Cell Models to tRNA-Based Therapy Exploration for IRF2BPL Disease
A. Coppola, N. Salvi, L. Höeg, E. Pascale, G. Marinella, C. Fusco, T. Santini, R. Battini, L. Altucci, A. Fiorenzano, S. Albers, Z. Ignatova, M. Morlando, A. Fico, A. Fico

B032

Circulating microRNA Profiles for Personalized Medicine in Metastatic Colorectal Cancer
N. Feverati, M.B. Zein, A. Po, G. Masci, C. Cataldi, V. Lucarini, M. Moretti, D. Nadorzi, F. Iafrate, V. Panebianco, P. Sammartino, L. Masuelli, E. Ferretti

B033

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T. Uddin, S. Amin, M. Babaei, G. Bove, M. Gull, N. Simonelli, M. Crepaldi, S. Orsillo, W.L. Megchelenbrink, V. Carafa, A. Nebbioso, H.G. Stunnenberg, N.D. Gaudio, L. Altucci

B034

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F. Saleem, A. Warry Jallow, L. Yung Feng

B035

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R.R. Vescio, M.V. Ristori, S.E. Aita, M. De Cesaris, A. Carnevale, U.G. Longo, S. Angeletti

B036

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A. Fraticelli, S. Verde, G. Petrillo, M. Mascolo, C. Pignataro, Y.C. Veneruso, K. Tkáčec, D. Fiore, C. Quintavalle, A. Affinito, G. Condorelli

B037

Integrative Transcriptomic and miRNA Network Analysis Reveals Molecular Signatures of Chemoresistance in Colorectal Cancer
F. Longo, G. Castellano, L. Falzone, M. Libra

B038

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G. Gattuso, M. Fallico, G. Broggi, R. Caltabiano, A. Longo, M. Libra, L. Falzone

B039

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A. Galati, M. De Santo, C. Longobucco, L. De Lellis, A. Cama, R. Florio, S. Veschi, M. Fava, S. Spadafora, R. Marinaro, N. De Cicco, D. Sisci, L. Pasqua, A. Leggio, C. Morelli

B040

Spatial transcriptome analysis of scaffold free patient derived organoids from Gliomas and Meningiomas
S. Cassandro, F. D'Antonio, M. Palmieri, G. Gugliuzza, F. Gianni, A. Po, A. Ascione, T.M. Autilio, A. Citarella, M. Brunetti, G. Ruggiero, Z.M. Besharat, S. Patrizi, A. Cacchione, P. Palumbo, S. Rossi, S. Barresi, A. Carai, G. Macino, M. Antonelli, G. D'Amati, E. Miele, G. Minniti, A. Frati, A. Mastronuzzi, E. Ferretti, E. Splendiani

B041

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R. D'Agostino, F. Zatterale, A. Desiderio, R. Spinelli, M. Pastorino, E. Perrella, G.A. Raciti, L. Parrillo, P. Formisano, F. Beguinot, M. Longo

B042

Targeting NADH Homeostasis through GPD2 Inhibition and Metabolic Stress Induces Tumor Regression in Colorectal Cancer
G. Della Rocca, L. Campea, S. Ripa, L. Liberati, D. Ivy, R. Bordone, S. Chouaibi, G. Pani, A. Coluccia, M. Maroder, R. Silvestri, L. Di Magno, G. Canettieri

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R.M. Esposito, F. Montella, P. Imo, I. Elahi, G. Rescigno, M. Di Perna, A.A. Puca, E. Ciaglia, V. Lopardo

B044

Advanced bioluminescence molecular imaging reveals hidden central nervous system tropism in experimental visceral leishmaniasis
M.C. Gonzalez-Montero, C. Garcia-Estrada, R. Balaña-Fouce, D. Taramelli, N. Basilico, R.M. Reguera, E. Calvo-Alvarez

B045

From Metabolic Dysfunction to Mortality: Clinical Insights from the Triglyceride-Glucose Index in Hospitalized Older Adults
M. Sbriscia, L. Antognoli, A. Giuliani, S. Fantone, J. Sabbatinelli, C. Giordani, G. Matacchione, L. Tamberi, A.R. Bonfigli, F. Olivieri

B046

Genetic Determinants of MCI-to-Alzheimer's Disease Conversion in Type 2 Diabetic Patients
E. Alexandrova, T.R. Galise, M. Smal, A. Omenetto, J.M. Sanz Molina, S. Del Mastro, C. Veneri, F. Robertazzi, A. De Giorgio, J. Lamberti, V. Izzo, B. Charlier, G. Bilancio, V. Raparelli, A. Passaro, M. Cirillo, A. Weisz, F. Rizzo

B047

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R. D'Amico, M. Marzullo, S. Coni, R. Bordone, A. Lobina, M. Terribili, L. Ciapponi, G. Canettieri

B048

RNA-loaded nanomedicine to modulate local intestinal inflammation in Inflammatory Bowel Disease
G. Taurino, M.G. Bianchi, C. Ughini, L. Meneghel, M. Castellucchio, M. Chiu, G. Lollo, O. Bussolati

B049

Identification of fitness-associated lncRNAs interacting with Estrogen Receptor α in Ovarian Cancer Cell models.
M. Nikzaban, V. Melone, L. Palo, D. Palumbo, M. Ianiello, Y. D'Agostino, R. Tarallo

B050

Cytokine-Associated Immune Regulation, CXCR4 Expression, and Macrophage Polarization in Alteplase-Associated Angioedema
I. Elahi, V. Lopardo, R.M. Esposito, V. Andreone, M. Bova, P. Candelaresi, F. Palestra, G. Varricchi, G. Servillo, S. Loffredo, E. Ciaglia

B051

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G. Taurino, C. Ughini, M. Castellucchio, M.G. Bianchi, D. Scordamaglia, R. Lappano, M. Maggiolini, S. Tardito, M. Chiu, O. Bussolati

B052

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G. Taurino, M. Castellucchio, M.G. Bianchi, C. Ughini, C. Maccari, R. Andreoli, L. Casati, O. Bussolati, M. Chiu

B053

A Ras family member mediates ERK5 activation in response to the inhibition of ERK1/2 signaling pathway
C. Mazzei, I. Tusa, D. Papini, A. Menconi, Y. Sfragano, A. Pandiella, A. Esparis-Ogando

B054

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M.V. Giuli, B. Natiello, R. Reali, S. Checquolo

B055

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I. Mezzani, G. Paldino, A. Sandomenico, A. Accardo, S. Petrini, V. D'Oria, A. Oliver, G. Barisciano, R. Schiaffini, G. Morelli, A. Fierabracci

B056

Network-based approach identifies miR-145-3p as a central regulatory hub associated to the progression from localized to metastatic medullary thyroid carcinoma.
A. Citarella, M. Petti, Z.M. Besharat, C. Alfano, E. Splendiani, S. Trocchianesi, S. Cassandro, M. Chiacchiarini, C. Sabato, F. Gianni, T.M. Autilio, M. Brunetti, G. Catanzaro, A. Verrienti, R. Elisei, R. Ciampi, C. Romei, M.G. Castagna, S. Cantara, V. Marotta, L. Pezzullo, L. Farina, C. Durante, A. Po, E. Ferretti

B057

Identification of circulating tumor cells (CTCs) in Metastatic Colorectal Cancer
G. Favale, C. Caputo, I. Giacobbe, F.P. Caronte, G. Crimaldi, A. D'Amore, F.A. Del Bono, V. Esposito, C. Grasso, P. Iacone, G. Maglio, E. Marciano, C. Rocco, S. Savarese, G. Settembre, N. Vastano, V. Carafa, E. Martinelli, T. Troiani, F. Ciardiello, M. Caraglia, R. Benedetti, L. Altucci, A. Nebbioso

B058

Natural Killer cells subsets alterations in Multiple Sclerosis: highlighting the link with EBV infection and the effects of Disease Modifying Therapy (DMT).
C. Basile, M. Rotolo, R. Capuano, M. Di Gregorio, F. Montella, M.T. Pellecchia, A.A. Puca, E. Ciaglia

B059

P53 reactivation: a potential immunotherapeutic strategy to enhance anti-tumor immune responses in Papillary Thyroid Cancer
E. Pace, I. Mezzani, A. Grossi, E. Giorda, L. Cifaldi, F. Moretti, A. Fierabracci

B060

Selenium-Biofortified Strawberries as a Functional Food: Efficacy on Glucose Homeostasis and Liver Biomarkers in Healthy Adults
A.S. Fiore, S. Vasto, R.V. Giglio, L. Di Rosa, C.P. Giordano, L. Sabatino, M. Ciaccio, S. Baldassano

B061

Depot-Specific Regulation of Adipogenic and Thermogenic Programs in Human Adipose Stem Cells by GLP1 Receptor Modulation
A. Cannizzaro, L. Tomasello, C.P. Giordano, L. Di Rosa, A.S. Fiore, S. Baldassano, S. Vasto

B062

Targeting tumor Cell migration in OSCC: effects of Cold Atmospheric Plasma (CAP) on cytoskeleton and adhesion pathways
S. Cantore, P. Della Monica, F. Colapietra, L. Lo Russo, L. Lo Muzio, A. Ballini, M. Di Domenico

B063

Modulation of Small Dense LDL Cholesterol by Ecklonia maxima Biofortified Vegetables: A Translational Nutritional Strategy Targeting Cardiovascular Risk Biomarkers
C.P. Giordano, R.V. Giglio, L. Di Rosa, A.S. Fiore, L. Sabatino, S. Baldassano, M. Ciaccio, S. Vasto

B064

Deciphering RNA-Dependent ER α Chromatin and Transcriptional Regulation to Identify Novel Therapeutic Vulnerabilities in Breast Cancer
L. Palo, D. Palumbo, V. Melone, M. Nikzaban, M. Ianniello, E. Aliberti, F. Russo, P. De Nittis, K. Georgakopoulou, G. Nassa, A. Weisz, E. Oricchio, R. Tarallo

B065

A composite inflammatory-renal prognostic score predicts in-hospital mortality in older adults with sepsis
G. Matacchione, S. Caccese, C. Giordani, M. Sbriscia, S. Fantone, A. Giuliani, J. Sabbatinelli, N. Tombolesi, F. Marchegiani, R. Recchioni, L. Tamberi, L. Falsetti, G. Moroncini, M. Burattini, M. Di Rosa, F. Olivieri

B066

KCASH2-targeting microRNAs in colorectal cancer: from in vitro models to candidate circulating biomarkers
C. Compagnoni, V. Zelli, M. Moretti, F. Taj Mir, T. Hyett, L. Romano, M. Clementi, A. Giuliani, F. Vistoli, F. Zazzeroni, E. De Smaele, A. Tessitore, E. Alesse

B067

Targeting the MMR system to Sensitize Chemoresistant Microsatellite Stable Gastric Cancer to Immunotherapy
N. Di Menna, A. Biagioni, E. Andreucci, S. Peri, S. Martinelli, L. Antonuzzo, F. Cianchi, L. Magnelli, L. Papucci

B068

Neuroglobin reduces stress-induced oxidative damage and amyloid burden in a three-dimensional human neuroblastoma cell culture
D. Caissutti, N. Candelise, C. Moliterni, A. Capozzi, A. Longo, S. Recalchi, G. Riitano, T.R. Caglar, E. Fasciolo, V. Manganelli, M. Sorice, T. Garofalo, R. Misasi

B069

Dissecting importin alpha isoforms in ERK5 nuclear translocation: implications for targeted therapy in melanoma
S. Di Gregorio, N. Troia, Y. Sfragano, Z. Lombardi, I. Tusa, E. Rovida

B070

Blockade of PD-L1 endocytosis by uPAR antagonist peptides to improve cancer immunotherapy
E. Frediani, C. Anceschi, S. Martinelli, N. Formica, A. Chillà, L. Maggi, A. Laurenzana, F. Margheri

B071

The cytoskeletal formins INF2 and mDia differentially regulate the Sonic Hedgehog pathway and medulloblastoma tumorigenesis
M. Conenna, S. Navacci, G. Adabbo, M. Longo, M. Gladysz, F. Bufalieri, L. Lospinoso Severini, F. Bartolini, L. Di Marcotullio, P. Infante

B072

Pro-Angiogenic Receptor Shedding Drives an Angiostatic Switch in Chronic Hypoxic Gastrointestinal Cancers
A. Biagioni, E. Andreucci, S. Peri, N. Di Menna, F. Cianchi, L. Magnelli, L. Papucci

B073

Interpretable multi-omics machine learning model for breast cancer classification and biological characterization
V. Zelli, A. Manno, C. Compagnoni, D. Santoni, F. Zazzeroni, E. Alesse, C. Arbib, F. Rossi, A. Tessitore

B074

Non-canonical start codon selection of MYC drives metastasis in colorectal cancer
R. Bordone, C. Capurso, D.M. Ivy, R. D'Amico, M. Barba, V. Licursi, L. Di Magno, S. Coni, G. Canetti

B075

Preclinical Evaluation of the Tissue Selectivity of Novel THRß Agonists
M. Serra, G. Zedda, A.M. Caddeo, M.A. Kowalik, M. Floris, A. Perra

B076

Targeting DDR2 enhances CD28×MUC1 bispecific antibody immunotherapy in serous ovarian carcinoma
M. Kunkl, S. Malatesta, F. Ottavi, I. Masi, M. Sambucci, V. Vigiano Benedetti, M.E. De Stefano, M. Leopizzi, M.T. Fiorillo, M. Rossi, F. Mura, A. Proietti, G. Borsellino, L. Battistini, V. Licursi, F. Spallotta, L. Rosanò, L. Tuosto

B077

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A. Bayat, N. Formica, C. Anceschi, E. Frediani, S. Martinelli, F. Margheri, A. Laurenzana, A. Guerriero, A. Chillà

B078

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L. Vergili, T. Caruso, F. Salani, F. Pratesi, M.C. Scavuzzo, S. Cesario, V. Genovesi, F. Damone, D. Cavallone, M.R. Brunetto, V. Carloni, G. Masi, G. Cavallini, L. Gragnani

B079

Understanding the Metabolic Plasticity in Malignant Pleural Mesothelioma for a novel therapeutic approach
D. Conti, V. Nardi, M.P. Avati, S. Peppicelli, J. Ruzzolini, T. Kersikla, D. Martinucci, F. Bianchini

B080

Targeting the IL-33/ST2 Axis: Design and Biological Evaluation of Novel Small-Molecule Ligands
D. Martinucci, E. Lopez Delgado, J. Ruzzolini, D. Conti, T. Kersikla, M.P. Avati, S. Peppicelli, A. Trabocchi, F. Bianchini

B081

Valorization of agri-food waste: anti-inflammatory properties of pomegranate peel-derived extracts
T. Kersikla, J. Ruzzolini, S. Peppicelli, D. Conti, D. Martinucci, F. Bianchini, N. Mulinacci, C. Nediani

B082

Single-cell transcriptomic mapping reveals cellular and microenvironmental heterogeneity in triple negative breast cancer brain metastases
M. Talia, F. Cozza, F. Silvestri, C. Meliti, A. Mondino, M. Di Dio, R. Tocci, A.M. Miglietta, M. Maggiolini, R. Lappano

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Transcriptomic profiling and functional characterization of breast cancer-associated fibroblasts following microplastic exposure
M. Talia, A.A. Mondino, C. Meliti, L. Muglia, F. Silvestri, A. Zicarelli, M. Di Dio, R. Tocci, D. Scordamaglia, F. Cirillo, A.M. Miglietta, R. Malaguamera, M. Maggiolini, E.M. De Francesco, R. Lappano

B084

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S. Martinelli, B. Tse Sum Bui, K. Haupt, S. Peri, C. Anceschi, A. Laurenzana, L. Fortuna, A. Biagioni, F. Cianchi

B085

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C. Bucciero, F. Napolitano, G. Castellano, M. Bocchetti, S. Zappavigna, A.M. Malfitano, F. Pentimalli, M. Caraglia, G. Portella

B086

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A. Giuliani, M. Sbriscia, S. Fantone, L. Tamberi, C. Giordani, G. Matacchione, M.R. Rippo, J. Sabbatinelli, F. Olivieri

B087

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A. Salerno, F. Saturno, P. Della Monica, F. Colapietra, S. Cantore, E. Cianciola, M. Di Domenico

B088

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E. Andreucci, N. Di Menna, A. Biagioni, S. Peri, L. Magnelli, C. Talamonti, M. Mangoni, L. Papucci

B089

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C. Russo, L. Malaguanera

B090

Magnesium and Empagliflozin Protect Against Cisplatin-Induced Cytotoxicity in HEK-293 Cells: preliminary evidence
F. Colapietra, A. D'Andrea, A. Ibrar, M. Borriello, M. Di Domenico, D. Ingrosso, A. Perna, G. Capasso, M. Simeoni

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S. Penna, A. Nigro, A. Marcuzzi, L. Bufano, S. Lembo, A. Balato, A. Puzziello, E. Barbi, P. Secchiero, R. Martinelli, S. Pisanti

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A. Marcuzzi, S. Pisanti, S. Penna, S. Lembo, E. Rimondi, E. Melloni, F.A. Franchina, R. Di Stefano, M. De Poli, E. Barbi, A. Balato, P. Secchiero

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MODULATION OF WNT SIGNALING IN THE CROSSTALK BETWEEN DORMANT COLORECTAL CANCER CELLS AND HEPATIC STROMAL CELLS
I. Aquaro, S. Pagotto, A. Febbo, P. Lanuti, F. Selvaggi, R. Cotelleso, M. Martini, T. Catalano, G.M. Aceto

B094

Dissecting the epigenomic and transcriptomic landscapes of pediatric Acute Myeloid Leukemia using multi-modal single-cell sequencing
M. Mohammadi, A.H. Torkamaan Gholami, C. Grasso, P. Brazda, N. Del Gaudio, L. Altucci, H.G. Stunnenberg

B095

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P. Mastrosimini, A. Balzerano, M. Augusto, D. Battaglini, G. Calconi, F. Polonara, L. Gerardi, M. Petroni, G. Giannini

B096

Preadipocytes as a Novel Component of the Tumor Microenvironment Reinforcing Y537S Mutant Breast Cancer Malignancy
E. Tasan, R. Malivindi, D.G. Naimo, A.E. Leonetti, G. Gu, C. Giordano, L. Mauro, D. Bonofiglio, I. Barone, S.A.W. Fuqua, S. Catalano, S. Ando'

B097

A four-circulating miRNA signature reveals molecular mechanisms underlying fibrosis progression and lung adenocarcinoma development in idiopathic pulmonary fibrosis patients
G. Bagni, M. Martinelli, V. Buzzi, A. Belli, E. Rosi, A. Breschi, G. Pompili, L. Gori, M. Amendola, A. Sorano, F. Lavorini, A. Arcangeli, E. Lastraioli

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M. Lo Pizzo, M.P. La Manna, G. Guggino, D. Badami, M. Fallo, D. Francesco, N. Caccamo

B099

KDM3B inhibition remodels ER α -associated chromatin and transcriptional programs in ER-positive breast cancer
J. Lamberti, D. Memoli, A. Casaburi, M. Ascoli, F. Papaccio, F. Rizzo, A. Weisz, R. Tarallo, A. Salvati, G. Nassa

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E. Cornacchia, L. Clementi, M. Di Padova, D. Vecchiotti, F. Zazzeroni, A. Angelucci

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E. Senatore, A.G. Bianco, L. Rinaldi, A. Feliciello

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R. Pietroni, F. Barberini, O. Buccitti, A. Gaiba, V. Lucarini, C. Focaccetti, A. Mancusi, M. Benvenuto, C. Palumbo, L. Masuelli, R. Bei, L. Cifaldi

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L. Campea, G. Della Rocca, I. Magnante, C. Nau, R. Bordone, C. Boscagli, L. Di Magno, F. Bost, G. Canettieri

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A. De Mario, S. Amadori, S. Giacometti, G. Codolo, A. Cocco, V. Guzzardo, C. Laterza, A. Raffaello, R. Rizzuto

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