

# **2014-2024: La Scuola Dianzani dieci anni dopo**

## **XVI Riunione Scientifica della Scuola Dianzani Aula Conferenze DIMI**

### **Programma**

#### **Lunedì 16 Settembre**

13.00-13.45 **Registrazione**

13.45-14.15 **Apertura dei lavori**

14.15-15.45 **PRIMA SESSIONE: Recent advances in cancer research (1)**

Moderatori: Stefania Pizzimenti e Luigi Atzori

**Targeting glutamine metabolism with CB-839 alters proliferation capacity and metabolic profile in colorectal cancer cells**

Spada M, Piras C, Leoni VP, Casula M, Simbula G, Noto A, Caria P, Atzori L

**Tumor-adherent microbiota and metabolome differ according to polyp histology, body weight and inherited predisposition in patients recruited at colonoscopy**

La Vecchia M, Sala G, Sculco M, Potenza M, Pasolli E, Ferrante D, Manfredi M, Aspesi A, Dianzani I

**Cancer-associated fibroblasts phenoconversion relies on glucose-dependent inhibition of autophagy**

Ferraresi A, Girone C, Maheshwari C, Vallino L, Salwa A, Garavaglia B, Esposito A, Dhanasekaran DN, Isidoro C

**Proteomic characterization of extracellular vesicles in Wilms tumor**

Chesi L, Bruschi M, Petretto A, Bartolucci M, Serra M, Candiano G, Parisi E, Ghiggeri GM, Verrina E, Bottino C, Spaggiari GM, Cantoni C

**Nanobubbles loaded with siRNA targeting Nrf2 to overcome melanoma resistance to targeted therapy**

Pettineo E, Collotta D, Cucci MA, Argenziano M, Dianzani C, Cavalli R, Pizzimenti S

**The role of OSM/OSMR $\beta$  signaling axis in the development of MASLD-related hepatocellular carcinoma**

Foglia B, Sutti S, Nurchis J, Rosso C, Novo E, Bocca C, Provera A, Maggiore M, Carucci P, Chianese U, Benedetti R, Gaia S, Romagnoli R, Bugianesi E, Altucci L, Albano E, Parola M, Cannito S

15.45-16.00 **5D in vitro models: evolving a physiological to a pathological scenario**

In collegamento da remoto: Quaglio Silvia, Iv Tech, Pisa

16.00-16.30 **Coffee break**

16.30-17.15 **SECONDA SESSIONE: Recent advances in cancer research (2)**

Moderatori: Mariapaola Nitti e Riccardo Autelli

**Bnip3 downregulation mitigates mitophagy and ameliorates muscle atrophy in cancer cachexia**

Fornelli C, Beltrà M, Zorzano A, Costelli P, Penna F

**Tamoxifen triggers the nuclear relocation of TFEB in breast cancer cells by modulating intracellular Ca<sup>2+</sup> availability**

Boretto C, Actis C, Faris P, Cordero F, Beccuti M, Ferrero G, Muzio G, Moccia F, Autelli R

**Hodgkin Lymphoma survivors: role of Advance Glycation End products, inflammation and premature aging**

Aimaretti E, Presti M, Felicetti F, Godono A, Levis M, Botto B, Cavallo F, Rubeo C, Porchietto E, Cifani C, Arvat M, Collino M, Aragno M

17.15-18.00 **Lettura Magistrale**

**NK cells in human solid cancers: a new paradigm in anti-tumor immune response**

Guido Ferlazzo

18.00-19.00 **Riunione della Scuola**

20.15 **Cena presso “I Tre merli” Ristorante Porto Antico**

Calata Cattaneo 17/Edificio Millo

## **Martedì 17 Settembre**

9.00-10.45 **TERZA SESSIONE: Recent advances in immunology**

Moderatori: Federica Cavallo e Salvatore Sutti

**Co-stimulatory signals mediated by ICOS influence the hepatic expansion auto-aggressive CD8<sup>+</sup> T cells in NASH**

Provera A, Vecchio C, Sheferaw AN, Stoppa I, Pantham D, Christaki F, Albano E, Dianzani U, Sutti S

**Phenotypic and functional analysis of a novel macrophage population expressing a membrane-bound form of IL-18**

Vitale C, Petretto A, Cortese K, Carta S, Dondero A, Lavarello C, Cangelosi D, Morini M, Bellora F, Arnaldi P, Loiacono F, Bruzzone S, Piacente F, Bruno S, Pessino A, Mammoliti S, Garaventa A, Conte M, Locati M, Norata GD, Vivier E, Bottino C, Castriconi R

**From data to diagnosis: biomarker discovery in amyotrophic lateral sclerosis**

Raineri D, Vilardo B, Cappellano G, Mazzini L, Chiocchetti A

**A DNA vaccine coding for the immunogenic epitopes of ENO1 enhances the anti-tumor effector responses by breaking immunological tolerance in pancreatic cancer**

Brugiapaglia S, Curcio C, Spagnolo F, Grosso D, Jazaj F, Scagliotti A, Spadi R, Campra D, Dametto E, Berrino M, Amoroso A, Cappello P, Novelli F

**A chimeric Human/Dog vaccine against CSPG4 reveals immunogenicity and potential therapeutic effects in comparative preclinical models of melanoma and osteosarcoma**

Tarone L, Giacobino D, Parisi L, Maniscalco L, Iussich S, Montana C, Morello E, Buracco P, Riccardo F, Cavallo F

**Utilizing ICOS-Fc treatment to augment wound healing in tissue repair involving ICOS/ICOSL/OPN**

Christaki F, Pantham D, Ghasemi A, Abouali R, Dianzani U, Stoppa I

11.00-12.45 **QUARTA SESSIONE: Recent advances in chronic and neurodegenerative diseases**

Moderatori: Gabriella Leonarduzzi e Vincenzo De Tata

**Type 1 diabetes prevention in offspring of NOD mouse treated with statins**

Muntoni S, Atzori L, Piras C, Murgia F, Noto A, Lussu M, Leoni VP, Schirru E, Baldera D, Rossino R, Macis D, Marongiu MF, Caria C, Manchinu F, Scintu F, Vincis C, Faa G, Piludu M, Secci F, Pala M, Zoledziewska M, Uzzau S, Tanca A, Pili F, Cucca F, Jores R, Congia M.

**Dopamine-mediated autocrine inhibition of insulin secretion**

Ferrero E, Carli M, Masini M, Moscato S, Corti A, Scarselli M, Novelli M, De Tata V

**Investigating the functional interaction between cellular prion protein and amyloid-beta**

Kafi MAA, Passalacqua M, Villa V, Thellung S, Grimaldi R, Baldelli P, Florio T, Ricciarelli R

**Sleep fragmentation accelerates Alzheimer's disease pathology in 5xFAD mouse model and affects memory consolidation in young wild-type mice through glymphatic system alteration**

Vasciaveo V, Morello G, Casile A, Ferro A, Iadarola A, Cicolin A, Tamagno E, Guglielmotto M

**CYP46A1 enzyme: a promising therapeutic target to counteract Alzheimer's disease progression**

Giannelli S, Eroli F, Loera-Valencia R, Latorre-Leal M, Testa G, Staurenghi E, Sottero B, Cecci R, Floro L, Gamba P, Maioli S, Leonarduzzi G

**Plasma Transthyretin and Retinol binding protein in cardiac amyloidosis: an electrophoretic study of their pattern**

Musetti V, Sanguinetti C, Vergaro G, Aimo A, Castiglione V, Susini V, Ursino S, Caponi L, Emdin M, Paolicchi A, Franzini M

**Quantitative evaluation of alveolar type ii cells in premature rabbits exposed to hyperoxia using artificial intelligence-based software**

De Meo S, Catozzi C, Storti M, Stretti F, Boggi C, Scalera E, Aquila G, Bartalesi B, Lungarella G, Lucattelli M, Ravanetti F, Ragionieri L, Ciccimarra R, Villetti G, Ricci F, Murgia X

12.45-13.00 **Conclusioni**

13.00 **Lunch e saluti**