

## **POSTER PRESENTATION LIST**

**Please note: Each poster presenter is required to attend BOTH session posters.  
Poster should be exposed for the ENTIRE meeting duration**

**1. The extracellular Nicotinamide Phosphoribosyltransferase favors the brain invasion of mammary carcinoma cells**

Balestrero Federica Carolina, Moro Marianna, Genazzani Armando A., Grolla Ambra

**2. TEAD1 epigenetic silencer curbs glioblastoma malignancy by silencing the YAP/TAZ oncogenic transcriptional cascade**

Baronchelli Eva, Ferretti Silvia, Banfi Federica, Sessa Alessandro, Broccoli Vania

**3. The neuroprotective effects of sodium valproate on DNA damage and oxidative stress in neuroblastoma cells**

Celik Kubra, Zorba Yildiz Asli Pinar, Merve Arici

**4. Reciprocal influence between cancer cells and adult neural progenitor cells: any relevance in tumour progression?**

Camilla D'Angelo, Emanuela Pessolano, Beatrice Uguagliati, Giulia Boni, Mariagrazia Grilli

**5. mir21 carried in plasma derived EVs of glioma-bearing mice is a promising biomarker to easily anticipate the tumor diagnosis**

De Luca Mariassunta<sup>1</sup>; Rinaldi Arianna; D'Agnano Igea; Vilardo Laura; Limatola Cristina; Catalano Myriam

**6. Extracellular vesicles isolated from patients as a drug delivery system for glioblastoma**

De Mitri Zemira, Gallotti Alberto, Rossi Marco, Bello Lorenzo, Ciana Paolo, Villa Alessandro

**7. Oleoylethanolamide and palmitoylethanolamide enhance IFN $\beta$ -induce apoptosis in human neuroblastoma SH-SY5Y cells**

Jihane Balla, Chiara Camoglio, Paola Fadda, Simona Dedoni

**8. Validation of SOX2 Epigenetic Silencer to reduce GBM in immunocompetent mouse model**

Silvia Ferretti, Eva Baronchelli, Federica Banfi, Vania Broccoli, Alessandro Sessa

**9. Etoposide as a new pharmacological tool to induce a pro-inflammatory senescent phenotype in human microglial HMC3 cells**

Gullotta Giorgia Serena, Spatuzza Michela, D'Antoni Simona, Nicoletti Ferdinando, Caraci Filippo, Sortino Maria Angela, Catania Maria Vincenza

**10. A patient-derived Glioblastoma organoid model to ensure 3R principle in pre-clinical research**

Arianna Ioni, Mariassunta De Luca, Myriam Catalano, Sabrina Di Bartolomeo, Deborah Gargano

**11. Zinc-loaded Exosome Drug Delivery System Activity on SH SY5y Cells**

Kalayci, Irem, Zorba Yildiz Asli Pinar, Sahin, Seda, Er, Yusuf, Memis, Ayse Ceren, Yavuz Burcak, Darici Hakan

## **12. The role of $\beta$ -Hydroxy- $\beta$ -methyl butyrate (HMB) in glioma growth suppression**

Rizwan Khan, Francesco Marrocco, Javeria Maqbool, Cristina Limatola, Giuseppina D'Alessandro

## **13. STAG2 role in brain tumors: *in vitro* and *in vivo* models**

Lettieri Antonella, Castiglioni Silvia, Totaro Simona, Di Fede Elisabetta, Parodi Chiara, Grazioli Paolo, Colombo Elisa Adele, Taci Esi, Vaccari Thomas, Gervasini Cristina Giovanna, Massa Valentina

## **14. microRNA and proteomic profiling of cerebrospinal fluid in glioma patients**

Valeria Lusi, Maurizio Bruschi, Mariella Dono, Carolina Lampitelli, Andrea Garbarino, Giovanni Candiano, Andrea Petretto, Martina Bartolucci, Elena Cerutti, Monica Truffelli, Andrea Bianconi, Paolo Nozza, Gianluigi Zona, Antonio Uccelli, Pietro Fiaschi, Debora Giunti

## **15. Enriched environment cues suggest a new strategy to counteract glioma: engineered rAAV2-IL-15 microglia modulate the tumor microenvironment**

Alessandro Mormino, Giovanni Bernardini, Germana Coccozza, Nicoletta Corbi, Claudio Passananti, Angela Santoni, Cristina Limatola, Stefano Garofalo

## **16. A new pericyte face: from the neurovascular unit to tumor reprogramming**

Marianna Moro, Federica C. Balestrero, Armando A. Genazzani, Ambra Grolla

## **17. Development of new antibodies against glioblastoma**

Francesca Michela Narcisi, Clotilde Lauro, Myriam Catalano, Alessia Muzi, Giuseppe Roscilli, Cristina Limatola

## **18. Defining the role of SEMA6A as a vascular barrier modulator in glioblastoma multiforme**

Oleari Roberto, Cianci Francesca, Amoruso Federica, Mazzanti Michele, Fantin Alessandro, Cariboni Anna

## **19. Exploring the role of Rhotekin in cortical development and glioblastoma susceptibility**

Paganoni Alyssa J.J., van Battum Eljo, Fantin Alessandro, Oleari Roberto, Vaccari Thomas, Cariboni Anna

## **20. Tumor-Associated Macrophages (TAM): a novel therapeutic strategy for spinal cord injury**

Piazza Nicola, Dolci Sissi, Mannino Loris, Campanelli Alessandra, Rossi Eros, Bottani Emanuela, Ciarpella Francesca, Karkossa Isabel, Setten Elisa, Savino Benedetta, Pruonto Giulia, Gianoli Stefano, Amenta Alessia, Busetto Giuseppe, Pezzotta Alex, Di Chio Marzia, Castagna Alessandra, Martinelli Nicolò, Barone Ilaria, Boschi Federico, Doherty Adam, Scupoli Maria Teresa, Cavallini Chiara, Malpeli Giorgio, Malik Zulkifal, Sagripanti Ludovica, Silani Vincenzo, Sandri Marco, Bossolasco Patrizia, Pistocchi Anna, Endrizzi Marco, Schubert Kristin, Fumagalli Guido Francesco, Locati Massimo, Bifari Francesco, Decimo Ilaria

## **21. Deciphering Schwann cell-tumor cell crosstalk in hepatocellular carcinoma**

Pizzichini Elisa, Petrunaro Simonetta, Somma Francesca, Buccini Luca, Baiocchini Andrea, Passeri Daniele, d'Amati Giulia, Fabrizi Cinzia, Gaudio Eugenio, Filippini Antonio, Giampietri Claudia

## **22. The role of hydrogen sulfide on glioblastoma growth: a gut-brain approach**

Reccagni Alice, Lin Xingzi, Limatola Cristina and D'Alessandro Giuseppina

**23. Bioinformatic analysis identifies a novel neurogenic signature of Tumor-Associated Macrophages**

Rossi Eros, Dolci Sissi, Mannino Loris, Campanelli Alessandra, Bottani Emanuela, Ciarpella Francesca, Karkossa Isabel, Setten Elisa, Savino Benedetta, Pruonto Giulia, Piazza Nicola, Gianoli Stefano, Amenta Alessia, Busetto Giuseppe, Pezzotta Alex, Di Chio Marzia, Castagna Alessandra, Martinelli Nicolò, Barone Ilaria, Boschi Federico, Doherty Adam, Scupoli Maria Teresa, Cavallini Chiara, Malpeli Giorgio, Malik Zulkifal, Sagripanti Ludovica, Silani Vincenzo, Sandri Marco, Bossolasco Patrizia, Pistocchi Anna, Endrizzi Marco, Schubert Kristin, Fumagalli Guido Francesco, Locati Massimo, Bifari Francesco, Decimo Ilaria

**24. Effects mediated by  $\beta$ -Arrestin1 activation by M2 muscarinic receptor in human Glioblastoma cells**

Scanavino Giulia, Guerriero Claudia, Salvati Erica, De Amici Marco, Matera Carlo, Dallanoce Clelia, Rosanò Laura, Tata Ada Maria

**25. Role of ER-mitochondria interaction in the mechanism of chemotherapy-induced peripheral neuropathy**

Tonelli Elisa, Dematteis Giulia, Tapella Laura, Delconti Marta, Distasi Carla, Giatti Silvia, Scuteri Arianna, Meregalli Cristina, Lim Dmitry

**26. Interactions between cancer and nervous system in a mouse model of breast cancer.**

Beatrice Uguagliati, Francesca Nelva, Emanuela Pessolano, Ambra Grolla, Greta De Cicco, Mariagrazia Grilli

**27. Modulating the Gut-Brain Axis: The Impact of Fecal Material Transplantation on Glioblastoma**

Lin Xingzi, Marrocco Francesco, Reccagni Alice, Khan Rizwan, D'Alessandro Giuseppina, Limatola Cristina

**28. Towards liquid biopsy for glioblastoma: relying on plasma extracellular vesicles for tumor diagnosis and monitoring and biomarker identification**

Zaccheroni Elena; Costanzi Eva; Cavallo Silvia; Faletti Stefania; Osti Daniela; Del Bene Massimiliano; Pelicci Giuliana

**29. Examining the Effectiveness of Neuroblastoma Exosomes on DNA Damage in 2D and 3D Neural Stem Cell Model**

Zorba Yildiz Asli Pinar, Yavuz Burcak, Merve Arici, Darici Hakan