

## Giovanni Barillari - elenco delle pubblicazioni prodotte

(aggiornato al 30 aprile 2023)

1. Benvenuto M, Angiolini V, Focaccetti C, Nardozi D, Palumbo C, Carrano R, Rufini A, Barillari G, Tundo GR, Bei R. Antitumoral effects of Bortezomib in malignant mesothelioma: evidence of mild endoplasmic reticulum stress in vitro and activation of T cell response in vivo. *BIOLOGY DIRECT* 2023; 18(1): 17. doi 10.1186/s13062-023-00374-w (article).
2. Pomella S, Cassandri M, Melaiu O, Marampon F, Gargari M, Campanella V, Rota R, Barillari G. DNA damage response gene signature as potential treatment markers for oral squamous cell carcinoma. *Int J Mol Sci.* 2023 Jan 31;24(3):2673. doi: 10.3390/ijms24032673 (article, PMID: 36768994).
3. Melaiu O, Vanni G, Portarena I, Pistolese CA, Anemona L, Pomella S, Bei R, Buonomo OC, Roselli M, Mauriello A, Barillari G. The combination of immune checkpoint blockade with tumor vessel normalization as a promising therapeutic strategy for breast cancer: an overview of preclinical and clinical studies. *Int. J. Mol. Sci.* 2023, 24(4), 3226; <https://doi.org/10.3390/ijms24043226> (Review).
4. Rota R, Perrone C, Pomella S, Cassandri M, Pezzella M, Giuliani S, Gasperi T, Porrazzo A, Alisi A, Pastore A, Codenotti S, Fanzani A, Barillari G, Conti LA, De Angelis B, Quintarelli C, Mariottini P, Locatelli F, Marampon F, Cervelli M. Spermine oxidase induces DNA damage and sensitizes Fusion Negative Rhabdomyosarcoma cells to irradiation. *Frontiers in Cell and Developmental Biology.* *Front Cell Dev Biol.* 2023 Jan 23; 11:1061570. doi: 10.3389/fcell.2023.1061570 (article, PMID: 36755974).
5. Vaccaro S, Rossetti A, Porrazzo A, Camero S, Cassandri M, Pomella S, Tomaciello M, Macioce G, Pedini F, Barillari G, Marchese C, Rota R, Cenci G, Tombolini M, Newman RA, Yang P, Codenotti S, Fanzani A, Megiorni F, Festuccia C, Minniti G, Gravina GL, Vulcano F, Milazzo L, Marampon F. The Botanical Drug PBI-05204, a Supercritical CO<sub>2</sub> Extract of Nerium Oleander, Sensitizes Alveolar and Embryonal Rhabdomyosarcoma to Radiotherapy in vitro and in vivo. *Frontiers in Pharmacology* 2022 (Research article): 13, 1071176 [10.3389/fphar.2022.1071176].
6. Pomella S, Porrazzo A, Cassandri M, Megiorni F, Rota R, Milazzo L, Vulcano F, Barillari G, Cenci G, Marchese C, Fanzani A, Marampon F. Translational Implications for Radiosensitizing Strategies in Rhabdomyosarcoma. *International Journal of Molecular Sciences* 2022 (review): 23(21), 13281 [10.3390/ijms232113281].
7. Lucarini V, Melaiu O, D'Amico S, Pastorino F, Tempora P, Scarsella M, Pezzullo M, De Ninno A, D'Oria V, Cilli M, Emionite L, Infante P, Di Marcotullio L, De Ioris MA, Barillari G, Alaggio R, Businaro L, Ponzoni M, Locatelli F, Fruci D. Combined mitoxantrone and anti-TGF $\beta$  treatment with PD-1 blockade enhances antitumor immunity by remodelling the tumor immune landscape in neuroblastoma. *Journal of Experimental & Clinical Cancer Research* 2022: 41(1), 326 [10.1186/s13046-022-02525-9].
8. Camero S, Cassandri M, Pomella S, Milazzo L, Vulcano F, Porrazzo A, Barillari G, Marchese C, Codenotti S, Tomaciello M, Rota R, Fanzani A, Megiorni F, Marampon F. Radioresistance in rhabdomyosarcomas: Much more than a question of dose. *Front Oncol.* 2022 Sep 29; 12:1016894. (review, doi: 10.3389/fonc.2022.1016894. PMID: 36248991; PMCID: PMC9559533).
9. Barillari G, Melaiu O, Gargari M, Pomella S, Bei R, Campanella V. The Multiple Roles of CD147 in the Development and Progression of Oral Squamous Cell Carcinoma: An Overview. *Int J Mol Sci* 2022; 23: 8336. (review, doi: 10.3390/ijms23158336. PMID: 35955471; PMCID: PMC9369056).

10. Bei R, Benvenuto M, Focaccetti C, Fazi S, Moretti M, Nardozi D, Angiolini V, Ciuffa S, Cifaldi L, Carrano R, Palumbo C, Miele MT, Bei R, Barillari G, Manzari V, De Smaele E, Modesti A, Masuelli L. Combined treatment with inhibitors of ErbB Receptors and Hh signaling pathways is more effective than single treatment in reducing the growth of malignant mesothelioma both in vitro and in vivo. *J Transl Med* 2022; 20: 286. (article, doi: 10.1186/s12967-022-03490-9. PMID: 35752861; PMCID: PMC9233819).
11. Barillari G, Bei R, Manzari V, Modesti A. Infection by High-Risk Human Papillomaviruses, Epithelial-to-Mesenchymal Transition and Squamous Pre-Malignant or Malignant Lesions of the Uterine Cervix: A Series of Chained Events? *Int J Mol Sci* 2021; 22: 13543. doi: 10.3390/ijms222413543. PMID: 34948338; PMCID: PMC8703928 (review, ISSN 14220067, publisher: MDPI).
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