

Giovanni Barillari - elenco delle pubblicazioni prodotte

(aggiornato al 23 maggio 2024)

1. Ciani L, Libonati A, Dri M, Pomella S, Campanella V, Barillari G. About a possible impact of endodontic infections by *Fusobacterium nucleatum* or *Porphyromonas gingivalis* on oral carcinogenesis: a literature overview. *International Journal of Molecular Sciences* 2024 (review, doi 10.3390/ijms25105083).
2. Carrano R, Grande M, Leti Maggio E, Zucca C, Bei R, Palumbo C, Focaccetti C, Nardozi D, Lucarini V, Angiolini V, Mancini P, Barberini F, Barillari G, Cifaldi L, Masuelli L, Benvenuto M, Bei R. Dietary polyphenols effects on focal adhesion plaques in the course of cancer cells invasiveness. *Biomedicines* 2024, 12(3), 482 (review); doi: <https://doi.org/10.3390/biomedicines12030482>.
3. Pomella S, Cassandri M, D'Archivio L, Porrazzo A, Cossetti C, Phelps D, Perrone C, Pezzella M, Cardinale A, Wachtel M, Aloisi S, Milewski D, Colletti M, Sreenivas P, Walters ZS, Barillari G, Di Giannatale A, Milano GM, De Stefanis C, Alaggio R, Rodriguez-Rodriguez S, Carlesso N, Vakoc CR, Velardi E, Schafer BW, Guccione E, Gatz SA, Wasti A, Yohe M, Ignatius M, Quintarelli C, Shipley J, Miele L, Khan J, Houghton PJ, Marampon F, Gryder BE, De Angelis B, Locatelli F, Rota R. MYOD-SKP2 axis boosts tumorigenesis in fusion negative rhabdomyosarcoma by preventing differentiation through p57^{Kip2} targeting. *Nat Commun.* 2023 Dec 15;14(1): 8373. doi: 10.1038/s41467-023-44130-0. PMID: 38102140; PMCID: PMC10724275.
4. Cifaldi L, Melaiu O, Giovannoni R, Benvenuto M, Focaccetti C, Nardozi D, Barillari G, Bei R. DNAM-1 chimeric receptor-engineered NK cells: a new frontier for CAR-NK cell-based immunotherapy. *Front Immunol* 2023; 14: 1197053. doi: 10.3389/fimmu.2023.1197053. PMID: 37359555 (Perspective review).
5. 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).
6. 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).
7. 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).
8. 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).
9. 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 CO₂ Extract of *Nerium Oleander*, Sensitizes Alveolar and Embryonal Rhabdomyosarcoma to

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