

## FULL LIST OF PUBLICATIONS

1. p140Cap inhibition of  $\beta$ -Catenin restrains the stem cell compartment and instructs a protective anti-tumor immune response in breast cancer. Salemme V, Vedelago M, Sarcinella A, Moietta F, Piccolantonio A, Moiso E, Centonze G, Manco M, Guala A, Lamolinara A, Angelini C, Morellato A, Natalini D, Calogero R, Incarnato D, Oliviero S, Conti L, Iezzi M, Tosoni D, Bertalot B, Freddi S, Tucci FA, De Santis F, Frusteri C, Ugel S, Bronte S, Cavallo F, Provero P, Gai M, Taverna D, Turco E, Pece S\*, Defilippi P\*. *Nat Commun*, 2023 **\*Co-corresponding authors**
2. Aberrant phosphorylation inactivates Numb in breast cancer causing expansion of the stem cell pool. Filippone MG, Freddi S, Zecchini S, Restelli S, Colaluca IN, Bertalot G, Pece S\*, Tosoni D\*, Di Fiore PP\*. *J Cell Biol*, Dec; 221, 2022. **\*Co-corresponding authors**
3. CDK12 promotes tumorigenesis but induces vulnerability to therapies inhibiting folate one-carbon metabolism in breast cancer. Filippone MG, Gaglio D, Bonfanti R, Tucci FA, Ceccacci E, Pennisi R, Bonanomi M, Jodice G, Tillhon M, Montani F, Bertalot G, Freddi S, Vecchi M, Tagliatela A, Romanenghi M, Romeo F, Bianco N, Munzone E, Sanguedolce F, Vago G, Viale G, Di Fiore PP, Minucci S, Alberghina L, Colleoni M, Veronesi P, Tosoni D\*, Pece S\*. *Nat Commun*, May; 13: 2642, 2022. **\*Co-corresponding authors**
4. Comparison of StemPrintER with Oncotype DX Recurrence Score for predicting risk of breast cancer distant recurrence after endocrine therapy. Pece S\*, Sestak I, Montani F, Tillhon M, Maisonneuve P, Freddi S, Chu K, Colleoni M, Veronesi P, Disalvatore D, Viale G, Buus R, Cuzick J, Dowsett M, Di Fiore PP. *Eur J Cancer*, Mar; 164: 52, 2022. **\*Corresponding author**
5. Phosphoinositide Conversion Inactivates R-RAS and Drives Metastases in Breast Cancer. Li H, Prever L, Hsu MY, Lo WT, Margaria JP, De Santis MC, Zanini C, Forni M, Novelli F, Pece S, Di Fiore PP, Porporato PE, Martini M, Belabed H, Nazare M, Haucke V, Gulluni F, Hirsch E. *Adv Sci*. Mar; 9: e2103249, 2022.
6. UBIAD1 and CoQ10 protect melanoma cells from lipid peroxidation-mediated cell death. Arslanbaeva L, Tosi G, Ravazzolo M, Simonato M, Tucci FA, Pece S, Cogo P, Santoro MM. *Redox Biol*, 05; 51: 102272, 2022.
7. Exploring miRNA Signature and Other Potential Biomarkers for Oligometastatic Prostate Cancer Characterization: The Biological Challenge behind Clinical Practice. A Narrative Review. Corrao G, Zaffaroni M, Bergamaschi L, Augugliaro M, Volpe S, Pepa M, Bonizzi G, Pece S, Amodio N, Mistretta FA, Luzzago S, Musi G, Alessi S, La Fauci FM, Tordonato C, Tosoni D, Cattani F, Gandini S, Petralia G, Pravettoni G, De Cobelli O, Viale G, Orecchia R, Marvaso G, Jereczek-Fossa BA. *Cancers (Basel)*, Jun 30;13(13):3278, 2021.
8. Gut vascular barrier impairment leads to intestinal bacteria dissemination and colorectal cancer metastasis to liver. Bertocchi A, Carloni S, Ravenda PS, Bertalot G, Spadoni I, Lo Cascio A, Gandini S, Lizier M, Braga D, Asnicar F, Segata N, Klaver C, Brescia P, Rossi E, Anselmo A, Guglietta S, Maroli A, Spaggiari P, Tarazona N, Cervantes A, Marsoni S, Lazzari L, Jodice MG, Luise C, Erreni M, Pece S, Di Fiore PP, Viale G, Spinelli A, Pozzi C, Penna G, Rescigno M. *Cancer Cell* 10;39(5):708-724.e11, 2021.
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