

Pubblicazioni ultimi dieci anni 2008-2018

Manai F, Azzalin A, Gabriele F, Martinelli C, Morandi M, Biggiogera M, Bozzola M, Comincini S. The In Vitro Effects of Enzymatic Digested Gliadin on the Functionality of the Autophagy Process. *Int J Mol Sci.* 2018 Feb 23;19(2)

Comincini S, Manai F, Meazza C, Pagani S, Martinelli C, Pasqua N, Pelizzo G, Biggiogera M, Bozzola M. Identification of Autophagy-Related Genes and Their Regulatory miRNAs Associated with Celiac Disease in Children. *Int J Mol Sci.* 2017 Feb 12;18(2).

Angeletti F, Fossati G, Pattarozzi A, Würth R, Solari A, Daga A, Masiello I, Barbieri F, Florio T, Comincini S. Inhibition of the Autophagy Pathway Synergistically Potentiates the Cytotoxic Activity of Givinostat (ITF2357) on Human Glioblastoma Cancer Stem Cells. *Front Mol Neurosci.* 2016 Oct 27;9:107.

Cattaneo Z, Daini R, Malaspina M, Manai F, Lillo M, Fermi V, Schiavi S, Suchan B, Comincini S. Congenital prosopagnosia is associated with a genetic variation in the oxytocin receptor (OXTR) gene: An exploratory study. *Neuroscience.* 2016 Dec 17;339:162-173

Falone S, Marchesi N, Osera C, Fassina L, Comincini S, Amadio M, Pascale A. Pulsed electromagnetic field (PEMF) prevents pro-oxidant effects of H₂O₂ in SK-N-BE(2) human neuroblastoma cells. *Int J Radiat Biol.* 2016 May;92(5):281-6.

Klionsky DJ, Abdelmohsen K, Abe A, Abedin MJ, Abeliovich H, Acevedo Arozena A, et al. Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy.* 2016;12(1):1-222.

Palumbo S, Belmonte G, Tini P, Toscano M, Miracco C, Comincini S (2016). miRNA manipulation in modifying radiation sensitivity in Glioblastoma models. In: Pirtoli L, Gravina GL, Giordano A. *Radiobiology of Glioblastoma.* p. 225-238, Springer, ISBN: 9783319283036, doi: 10.1007/978-3-319-28305-0

Palumbo S, Tini P, Toscano M, Allavena G, Angeletti F, Manai F, Miracco C, Comincini S, Pirtoli L. Combined EGFR and autophagy modulation impairs cell migration and enhances radiosensitivity in human glioblastoma cells. *J Cell Physiol.* 2014 Nov;229(11):1863-73.

Marchesi N, Osera C, Fassina L, Amadio M, Angeletti F, Morini M, Magenes G, Venturini L, Biggiogera M, Ricevuti G, Govoni S, Caorsi S, Pascale A, Comincini S. Autophagy is modulated in human neuroblastoma cells through direct exposition to low frequency electromagnetic fields. *J Cell Physiol.* 2014 Nov;229(11):1776-86.

Palumbo S, Miracco C, Pirtoli L, Comincini S. Emerging roles of microRNA in modulating cell-death processes in malignant glioma. *J Cell Physiol.* 2014 Mar;229(3):277-86.

Comincini S, Allavena G, Palumbo S, Morini M, Durando F, Angeletti F, Pirtoli L, Miracco C. microRNA-17 regulates the expression of ATG7 and modulates the autophagy process, improving the sensitivity to temozolomide and low-dose ionizing radiation treatments in human glioblastoma cells. *Cancer Biol Ther.* 2013 Jul;14(7):574-86.

Palumbo S, Comincini S. Autophagy and ionizing radiation in tumors: the "survive or not survive" dilemma. *J Cell Physiol.* 2013 Jan;228(1):1-8

Klionsky DJ, Abdalla FC, Abeliovich H, Abraham RT, Acevedo-Arozena A, Adeli K, et al. Guidelines for the use and interpretation of assays for monitoring autophagy. *Autophagy.* 2012 Apr;8(4):445-544.

Fassina L, Magenes G, Inzaghi A, Palumbo S, Allavena G, Miracco C, Pirtoli L, Biggiogera M, Comincini S. AUTOCOUNTER, an ImageJ JavaScript to analyze LC3B-GFP expression dynamics in autophagy-induced astrocytoma cells. *Eur J Histochem.* 2012 Oct 11;56(4):e44.

Palumbo S, Pirtoli L, Tini P, Cevenini G, Calderaro F, Toscano M, Miracco C, Comincini S. Different involvement of autophagy in human malignant glioma cell lines undergoing irradiation and temozolomide combined treatments. *J Cell Biochem.* 2012 Jul;113(7):2308-18.

Barbieri G, Palumbo S, Gabrusiewicz K, Azzalin A, Marchesi N, Spedito A, Biggiogera M, Sbalchiero E, Mazzini G, Miracco C, Pirtoli L, Kaminska B, Comincini S. Silencing of cellular prion protein (PrPC) expression by DNA-antisense oligonucleotides induces autophagy-dependent cell death in glioma cells. *Autophagy.* 2011 Aug;7(8):840-53.

Rognoni P, Chiarelli LR, Comincini S, Azzalin A, Miracco C, Valentini G. Biochemical signatures of doppel protein in human astrocytomas to support prediction in tumor malignancy. *J Biomed Biotechnol.* 2010;2010:301067.

Barbarini N, Simonelli L, Azzalin A, Comincini S, Bellazzi R. Development of a novel bioinformatics tool for in silico validation of protein interactions. *J Biomed Biotechnol.* 2010;2010:670125.

Comincini S, Paolillo M, Barbieri G, Palumbo S, Sbalchiero E, Azzalin A, Russo MA, Schinelli S. Gene expression analysis of an EGFR indirectly related pathway identified PTEN and MMP9 as reliable diagnostic markers for human glial tumor specimens. *J Biomed Biotechnol.* 2009;2009:924565.

Azzalin A, Sbalchiero E, Barbieri G, Palumbo S, Muzzini C, Comincini S. The doppel (Dpl) protein influences in vitro migration capability in astrocytoma-derived cells. *Cell Oncol.* 2008;30(6):491-501.

Sbalchiero E, Azzalin A, Palumbo S, Barbieri G, Arias A, Simonelli L, Ferretti L, Comincini S. Altered cellular distribution and sub-cellular sorting of doppel (Dpl) protein in human astrocytoma cell lines. *Cell Oncol.* 2008;30(4):337-47.