

- 1) L.A. STIVALA, M. SAVIO, F. CARAFOLI, P. PERUCCA, L. BIANCHI, G. MAGA, L. FORTI, U.M. PAGNONI, A. ALBINI, E. PROSPERI, V. VANNINI.  
Specific structural determinants are responsible for the antioxidant activity and the cell cycle effects of resveratrol.  
The Journal of Biological Chemistry, 276: 22586-22594, 2001.
- 2) O. CAZZALINI, P. PERUCCA, F. RIVA, L.A. STIVALA, L. BIANCHI, V. VANNINI, B. DUCOMMUN, E. PROSPERI.  
p21<sup>CDKN1A</sup> does not interfere with loading of PCNA at DNA replication sites, but inhibits subsequent binding of DNA polymerase  $\delta$  at the G1/S phase transition.  
Cell Cycle, 2: 596-603, 2003
- 3) M.C. LAZZE', M. SAVIO, R. PIZZALA, O. CAZZALINI, P. PERUCCA, A.I. SCOVASSI, L.A. STIVALA, L. BIANCHI  
Anthocyanins induce cell cycle perturbations and apoptosis in different human cell lines.  
Carcinogenesis, 25(8): 1427-33, 2004
- 4) O. CAZZALINI\*, P. PERUCCA\*, F. VALSECCHI, L.A. STIVALA, L. BIANCHI, V. VANNINI, E. PROSPERI  
Intracellular localization of the cyclin-dependent kinase inhibitor p21(CDKN1A)-GFP fusion protein during cell cycle arrest.  
Histochem Cell Biol., 121(5): 377-81, 2004  
\*contributed equally to this work.
- 5) M.C. LAZZE', R. PIZZALA, P. PERUCCA, O. CAZZALINI, M. SAVIO, L. FORTI, V. VANNINI, L. BIANCHI  
Anthocyanidins decrease endothelin-1 production and increase endothelial nitric oxide synthase in human endothelial cells.  
Mol Nutr Food Res., 50(1): 44-51, 2006
- 6) P. PERUCCA, O. CAZZALINI, O. MORTUSEWICZ, D. NECCHI, M. SAVIO, T. NARDO, L.A. STIVALA, H. LEONHARDT, M.C. CARDOSO, E. PROSPERI.  
Spatio-temporal dynamics of p21CDKN1A protein recruitment to DNA damage sites and interaction with proliferating cell nuclear antigen.  
Journal of Cell Science, 119 (8):1517-27, 2006
- 7) M. SAVIO, M. CERRI, O. CAZZALINI, P. PERUCCA, L.A. STIVALA, P. PICHIERRI, A.P. FRANCHITTO, L. MEIJER, E. PROSPERI.  
Replication-dependent S-phase checkpoint triggered by Roscovitine induces an uncoupling of DNA replication proteins.  
Cell Cycle, 5 (18): 2153-9, 2006
- 8) O. CAZZALINI, P. PERUCCA, M. SAVIO, D. NECCHI, L. BIANCHI L.A. STIVALA, B. DUCOMMUN, A.I. SCOVASSI, E. PROSPERI.  
Interaction of p21<sup>CDKN1A</sup> with PCNA regulates the histone acetyltransferase activity of p300 in nucleotide excision repair.  
Nucleic Acids Research, 36: 1713-1722, 2008
- 9) P. PERUCCA, O. CAZZALINI, M. MADINE, M. SAVIO, R.A. LASKEY, V. VANNINI, E. PROSPERI, L.A. STIVALA.

Loss of p21(CDKN1A) impairs entry to quiescence and activates a DNA damage response in normal fibroblasts induced to quiescence.  
Cell Cycle, 8 (1): 105-14, 2009

10) M. SAVIO, T. COPPA, O. CAZZALINI, P. PERUCCA, D. NECCHI, T. NARDO, L.A. STIVALA, E. PROSPERI  
Degradation of p21CDKN1A after DNA damage is independent of type of lesion, and is not required for DNA repair.  
DNA Repair (Amst), 8(7):778-85, 2009.

11) M. SAVIO, T. COPPA, L. BIANCHI, V. VANNINI, G. MAGA, L. FORTI, O. CAZZALINI, M.C. LAZZÈ, P. PERUCCA, E. PROSPERI, L.A. STIVALA.  
The resveratrol analogue 4,4'-dihydroxy-trans-stilbene inhibits cell proliferation with higher efficiency but different mechanism from resveratrol.  
Int J Biochem Cell Biol., 41(12):2493-502, 2009.

12) O. CAZZALINI, F. DONÀ, M. SAVIO, M. TILLHON, C. MACCARIO, P. PERUCCA, L.A. STIVALA, A.I. SCOVASSI, E. PROSPERI.  
p21CDKN1A participates in base excision repair by regulating the activity of poly(ADP-ribose) polymerase-1.  
DNA Repair (Amst), 9(6):627-35, 2010.

13) T. COPPA, M.C. LAZZÈ, O. CAZZALINI, P. PERUCCA, R. PIZZALA, L. BIANCHI, L.A. STIVALA, L. FORTI, C. MACCARIO, V. VANNINI, M. SAVIO.  
Structure-Activity Relationship of Resveratrol and Its Analogue 4,4'-Dihydroxy-Trans-Stilbene Toward the Endothelin Axis in Human Endothelial Cells.  
J Med Food., 14(10):1173-80, 2011.

14) CAZZALINI O\*, PERUCCA P\*, MOCCHI R, SOMMATIS S, PROSPERI E, STIVALA LA.  
DDB2 association with PCNA is required for its degradation after UV-induced DNA damage.  
Cell Cycle, 13(2):240-8, 2014  
\*contributed equally to this work

15) PERUCCA P, SAVIO M., CAZZALINI O, MOCCHI R, C. MACCARIO, SOMMATIS S, FERRARO D., PIZZALA R., PRETALI L., FASANI E., ALBINI A., STIVALA LA  
Structure-activity relationship and role of oxygen in the potential antitumour activity of fluoroquinolones in human epithelial cancer cells.  
Journal of Photochemistry and Photobiology B: Biology 140: 57–68, 2014

16) PERUCCA P, SOMMATIS S, MOCCHI R, PROSPERI E, STIVALA LA, CAZZALINI O  
A DDB2 mutant protein unable to interact with PCNA promotes cell cycle progression of human transformed embryonic kidney cells.  
Cell Cycle, 14 (24): 3920-8, 2015

17) VETRO A, SAVASTA S, ROSSI RAUCCI A, CERQUA C, SARTORI G, LIMONGELLI I, FORLINO A, MARUELLI S, PERUCCA P, VERGANI D, MAZZINI G, MATTEVI A, STIVALA LA, SALVIATI L, ZUFFARDI O  
MCM5: a new actor in the link between DNA replication and Meier-Gorlin syndrome.  
Eur J Hum Genet., 25(5):646-650, 2017

18) PERUCCA P\*, MOCCHI R\*, GUARDAMAGNA I, BASSI E, SOMMATIS S, NARDO T, PROSPERI E, STIVALA LA, CAZZALINI O.

A damaged DNA binding protein 2 mutation disrupting interaction with proliferating-cell nuclear antigen affects DNA repair and confers proliferation advantage

BBA - Molecular Cell Research, 1865: 898-907, 2018

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