

# Curriculum Vitæ

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## PRESENT POSITION

Associate Professor of Medical and Biotechnology Laboratory Techniques, Department of Medical, Oral and Biotechnological Sciences, University “G. d’Annunzio” Chieti, Italy.

## EDUCATION

- 2000** Medical Degree, University “G. d’Annunzio” Chieti, Italy. Final score 110/110 cum laude.
- 2005** Specialization in Anatomic Pathology, University “G. d’Annunzio” Chieti, Italy. Final grade 70/70.
- 2010** PhD in Oncology and Molecular Pathology at University “G. d’Annunzio” Chieti, Italy.

## PREVIOUS POSITIONS

- 2001-2005** Post-graduate student in Pathology, “SS Annunziata” Hospital, University “G. d’Annunzio” Chieti, Italy (Director: Prof. P. Musiani).
- 2005-2006** PhD student in “Aging Sciences”, Center of Excellence on Aging (Ce.S.I.), University “G. d’Annunzio” Chieti, Italy (Directors: Prof. C. Patrono and Prof. G. Davì).
- 2006-2009** PhD student in “Oncology and Molecular Pathology”, Center of Excellence on Aging (Ce.S.I.), University “G. d’Annunzio” Chieti, Italy (Director: Prof. S. Iacobelli).
- 2010-2016** Research Fellow, Cancer Pathology Lab, under the supervision of Prof. M. Piantelli, Center of Excellence on Aging (Ce.S.I., now CAST), University “G. d’Annunzio” Chieti, Italy.
- 2017-2020** Assistant Professor, Department of Medical, Oral and Biotechnological Sciences, University “G. d’Annunzio” Chieti, Italy.

## ACADEMIC EXPERIENCE

- 2003-2005** Lecturer in Anatomic Pathology for the first degree students in Biomedical Laboratory Techniques (L/SNT3), University "G. d'Annunzio" Chieti, Italy.
- 2009-2016** Lecturer in Anatomic Pathology and Histopathology Techniques for the first degree students in Biomedical Laboratory Techniques (L/SNT3), and for the first degree students in Dental Hygiene (L/SNT3), University "G. d'Annunzio" Chieti, Italy.
- 2017-2020** Professor of Anatomic Pathology and Histopathology Techniques (SSD/MED46) for the first degree students in Biomedical Laboratory Techniques (L/SNT3), and for the students of the School of Medicine (LM41), University "G. d'Annunzio" Chieti, Italy.

## EDITORIAL EXPERIENCE

- 2019** **Guest Editor, "Biomedicines"**([www.mdpi.com/journal/biomedicines](http://www.mdpi.com/journal/biomedicines); I.F. = 3.600) Special Issue entitled "Pancreatic Cancer: From Pathophysiology to Novel Therapeutic Approaches"
- 2019** **Associate Editor, "BMC Cancer"** (ISSN 1471-2407, <https://bmccancer.biomedcentral.com/>; I.F. = 3.424)
- Reviewer for:** Oncogenesis, International Journal of Molecular Sciences, Cancers, Molecules, Pathology Research and Practice, Archives of Iranian Medicine, Cancer Medicine, Biosensors, Frontiers Oncology, Antioxidants, and BMC Cancer.

## MEMBERSHIPS IN SCIENTIFIC SOCIETIES

Ordinary member of the Italian Society of Translational Research and Health Care Profession (S.I.R.T.E.P.S.)

## SCIENTIFIC PUBLICATIONS

Total: 51 peer-reviewed publications (43 in the last 10 years), 1222 total citations, with an average of 24 citations per paper. h-Index = 20 (source: Scopus)

### Ten most cited publications:

- 1- **(106 citations)**. Corona C, et al. Dietary zinc supplementation of 3xTg-AD mice increases BDNF levels and prevents cognitive deficits as well as mitochondrial dysfunction. *Cell Death & Disease*. 2010;e91:1-8.
- 2- **(104 citations)** Corona C, et al. Effects of dietary supplementation of carnosine on mitochondrial dysfunction, amyloid pathology, and cognitive deficits in 3xTg-AD mice. *Plos One*. 2011;6.
- 3- **(91 citations)** Sala G, et al. Phospholipase Cgamma1 is required for metastasis development and progression. *Cancer Research*. 2008;68(24):10187-10196.
- 4- **(81 citations)** Trerotola M, et al. Upregulation of Trop-2 quantitatively stimulates human cancer growth. *Oncogene*. 2013;32:222-233.
- 5- **(59 citations)** Guerra E, et al. A bicistronic Cyclin D1-TROP2 mRNA chimera demonstrates a novel oncogenic mechanism in human cancer. *Cancer Research*. 2008;68:8113-8121.
- 6- **(49 citations)** Guerra E, et al. The Trop-2 signalling network in cancer growth. *Oncogene*. 2013;32:1594-1600.
- 7- **(43 citations)** Cumashi A, et al. Sunitinib malate (SU-11248) alone or in combination with low-dose docetaxel inhibits the growth of DU-145 prostate cancer xenografts. *Cancer Letters*. 2008;270(2):229-233.
- 8- **(42 citations)** De Cola A, et al. miR-205-5p-mediated downregulation of ErbB/HER receptors in breast cancer stem cells results in targeted therapy resistance. *Cell Death & Disease*. 2015;6:e1823.
- 9- **(40 citations)** Bomba M, et al. Exenatide promotes cognitive enhancement and positive brain metabolic changes in PS1-KI mice but has no effects in 3xTg-AD animals. *Cell Death & Disease*. 2013;ISSN: 2041-4889.
- 10- **(40 citations)** Lattanzio R, et al. Role of phospholipase C in cell invasion and metastasis. *Advances In Biological Regulation*. 2013;53:309-318.

## LIST OF SCIENTIFIC PUBLICATIONS

- 1) Adamska, A., Ferro, R., Lattanzio, R., Capone, E., Domenichini, A., Damiani, V., Chiorino, G., Akkaya, B.G., Linton, K.J., De Laurenzi, V., Sala, G., Falasca, M. ABCC3 is a novel target for the treatment of pancreatic cancer (2019) *Advances in Biological Regulation*, 73.
- 2) Lattanzio, R., Iezzi, M., Sala, G., Tinari, N., Falasca, M., Alberti, S., Buglioni, S., Mottolose, M., Perracchio, L., Natali, P.G., Piantelli, M. PLC-gamma-1 phosphorylation status is prognostic of metastatic risk in patients with early-stage Luminal-A and-B breast cancer subtypes (2019) *BMC Cancer*, 19 (1).
- 3) Emmanouilidi, A., Fyffe, C.A., Ferro, R., Edling, C.E., Capone, E., Sestito, S., Rapposelli, S., Lattanzio, R., Iacobelli, S., Sala, G., Maffucci, T., Falasca, M. Preclinical validation of 3-

phosphoinositide-dependent protein kinase 1 inhibition in pancreatic cancer (2019) *Journal of Experimental and Clinical Cancer Research*, 38 (1).

4) Curia, M.C., Fantini, F., Lattanzio, R., Tavano, F., Di Mola, F., Piantelli, M., Battista, P., Di Sebastiano, P., Cama, A. High methylation levels of PCDH10 predict poor prognosis in patients with pancreatic ductal adenocarcinoma (2019) *BMC Cancer*, 19 (1).

5) Giansanti, F., Capone, E., Ponziani, S., Piccolo, E., Gentile, R., Lamolinara, A., Di Campi, A., Sallese, M., Iacobelli, V., Cimino, A., De Laurenzi, V., Lattanzio, R., Piantelli, M., Ippoliti, R., Sala, G., Iacobelli, S. Secreted Gal-3BP is a novel promising target for non-internalizing Antibody–Drug Conjugates (2019) *Journal of Controlled Release*, 294, pp. 176-184.

6) Bomba, M., Granzotto, A., Castelli, V., Onofri, M., Lattanzio, R., Cimino, A., Sensi, S.L. Exenatide Reverts the High-Fat-Diet-Induced Impairment of BDNF Signaling and Inflammatory Response in an Animal Model of Alzheimer's Disease (2019) *Journal of Alzheimer's Disease*, 70 (3), pp. 793-810.

7) Ferro, R., Adamska, A., Lattanzio, R., Mavrommati, I., Edling, C.E., Arifin, S.A., Fyffe, C.A., Sala, G., Sacchetto, L., Chiorino, G., De Laurenzi, V., Piantelli, M., Sansom, O.J., Maffucci, T., Falasca, M. GPR55 signalling promotes proliferation of pancreatic cancer cells and tumour growth in mice, and its inhibition increases effects of gemcitabine (2018) *Oncogene*, 37 (49), pp. 6368-6382.

8) D'Ovidio, C., Decembrino, L., Stronati, M., Carnevale, A., Lattanzio, R. Anomalous Fusion of Right Pulmonary Artery to Aortic Arch: Case Report of a Rare and Fatal Congenital Malformation in a Newborn and a Literature Review (2018) *The American journal of case reports*, 19, pp. 1416-1421.

9) Bielli, P., Panzeri, V., Lattanzio, R., Mutascio, S., Pieraccioli, M., Volpe, E., Pagliarulo, V., Piantelli, M., Giannantoni, A., Di Stasi, S.M., Sette, C. The splicing factor PTBP1 promotes expression of oncogenic splice variants and predicts poor prognosis in patients with non-muscle-invasive bladder cancer (2018) *Clinical Cancer Research*, 24 (21), pp. 5422-5432.

10) Grassilli, S., Brugnoli, F., Lattanzio, R., Marchisio, M., Perracchio, L., Piantelli, M., Bavelloni, A., Capitani, S., Bertagnolo, V. Vav1 downmodulates Akt in different breast cancer subtypes: a new promising chance to improve breast cancer outcome (2018) *Molecular Oncology*, 12 (7), pp. 1012-1025.

11) Iorio, V., Rosati, A., D'Auria, R., De Marco, M., Marzullo, L., Basile, A., Festa, M., Pascale, M., Remondelli, P., Capunzo, M., Sala, G., Damiani, V., Amodio, G., Di Nicola, M., Lattanzio, R., Turco, M.C., De Laurenzi, V. Combined effect of anti-BAG3 and anti-PD-1 treatment on macrophage infiltrate, CD8 + T cell number and tumour growth in pancreatic cancer (2018) *Gut*, 67 (4), pp. 780-782.

12) Emmanouilidi, A., Lattanzio, R., Sala, G., Piantelli, M., Falasca, M. The role of phospholipase C $\gamma$ 1 in breast cancer and its clinical significance (2017) *Future Oncology*, 13 (22), pp. 1991-1997.

13) Corda, G., Sala, G., Lattanzio, R., Iezzi, M., Sallese, M., Fragassi, G., Lamolinara, A., Mirza, H., Barcaroli, D., Ermler, S., Silva, E., Yasaei, H., Newbold, R.F., Vagnarelli, P., Mottolise, M., Natali, P.G., Perracchio, L., Quist, J., Grigoriadis, A., Marra, P., Tutt, A.N., Piantelli, M., Iacobelli, S., De Laurenzi, V., Sala, A. Functional and prognostic significance of the genomic amplification of frizzled 6 (FZD6) in breast cancer (2017) *Journal of Pathology*, 241 (3), pp. 350-361.

- 14) Guerra, E., Cimadamore, A., Simeone, P., Vacca, G., Lattanzio, R., Botti, G., Gatta, V., D'Aurora, M., Simionati, B., Piantelli, M., Alberti, S. p53, cathepsin D, Bcl-2 are joint prognostic indicators of breast cancer metastatic spreading (2016) *BMC Cancer*, 16 (1), art. no. 649.
- 15) Guerra, E., Trerotola, M., Tripaldi, R., Aloisi, A.L., Simeone, P., Sacchetti, A., Relli, V., D'Amore, A., La Sorda, R., Lattanzio, R., Piantelli, M., Alberti, S. Trop-2 induces tumor growth through AKT and determines sensitivity to AKT inhibitors (2016) *Clinical Cancer Research*, 22 (16), pp. 4197-4205.
- 16) Lattanzio, R., Veschi, S., Aceto, G.M., Curia, M.C., Cama, A., De Lellis, L., Fantini, F., Angelucci, D., Iacobelli, S., Piantelli, M., Battista, P. Overexpression of PY1289-HER3 in sporadic pulmonary carcinoid from patients bearing MEN1 gene variants (2016) *Oncology Letters*, 12 (1), pp. 453-458.
- 17) Chikh, A., Ferro, R., Abbott, J.J., Piñeiro, R., Buus, R., Iezzi, M., Ricci, F., Bergamaschi, D., Ostano, P., Chiorino, G., Lattanzio, R., Broggin, M., Piantelli, M., Maffucci, T., Falasca, M. Class II phosphoinositide 3-kinase C2 $\beta$  regulates a novel signaling pathway involved in breast cancer progression (2016) *Oncotarget*, 7 (14), pp. 18325-18345.
- 18) Piccolo, E., Tinari, N., D'Addario, D., Rossi, C., Iacobelli, V., La Sorda, R., Lattanzio, R., D'Egidio, M., Di Risio, A., Piantelli, M., Natali, P.G., Iacobelli, S. Prognostic relevance of LGALS3BP in human colorectal carcinoma (2015) *Journal of Translational Medicine*, 13 (1), art. no. 248.
- 19) De Cola, A., Volpe, S., Budani, M.C., Ferracin, M., Lattanzio, R., Turdo, A., D'Agostino, D., Capone, E., Stassi, G., Todaro, M., Di Ilio, C., Sala, G., Piantelli, M., Negrini, M., Veronese, A., De Laurenzi, V. MIR-205-5p-mediated downregulation of ERBB/HER receptors in breast cancer stem cells results in targeted therapy resistance (2015) *Cell Death and Disease*, 6 (7), art. no. e1823.
- 20) Isopi, E., Granzotto, A., Corona, C., Bomba, M., Ciavardelli, D., Curcio, M., Canzoniero, L.M.T., Navarra, R., Lattanzio, R., Piantelli, M., Sensi, S.L. Pyruvate prevents the development of age-dependent cognitive deficits in a mouse model of Alzheimer's disease without reducing amyloid and tau pathology (2015) *Neurobiology of Disease*, 81, pp. 214-224.
- 21) Lattanzio, R., Ghasemi, R., Brancati, F., Sorda, R.L., Tinari, N., Perracchio, L., Iacobelli, S., Mottolise, M., Natali, P.G., Piantelli, M. Membranous Nectin-4 expression is a risk factor for distant relapse of T1-T2, N0 luminal-A early breast cancer (2014) *Oncogenesis*, 3, art. no. 201432.
- 22) Ghasemi, R., Rapposelli, I.G., Capone, E., Rossi, C., Lattanzio, R., Piantelli, M., Sala, G., Iacobelli, S. Dual targeting of ErbB-2/ErbB-3 results in enhanced antitumor activity in preclinical models of pancreatic cancer (2014) *Oncogenesis*, 3, art. no. 31.
- 23) Simeone, P., Trerotola, M., Urbanella, A., Lattanzio, R., Ciavardelli, D., Di Giuseppe, F., Eleuterio, E., Sulpizio, M., Eusebi, V., Pession, A., Piantelli, M., Alberti, S. A unique four-hub protein cluster associates to glioblastoma progression (2014) *PLoS ONE*, 9 (7), art. no. e103030.
- 24) Ambrogi, F., Fornili, M., Boracchi, P., Trerotola, M., Relli, V., Simeone, P., La Sorda, R., Lattanzio, R., Querzoli, P., Pedriali, M., Piantelli, M., Biganzoli, E., Alberti, S. Trop-2 is a determinant of breast cancer survival (2014) *PLoS ONE*, 9 (5), art. no. e96993.
- 25) Traini, S., Piccolo, E., Tinari, N., Rossi, C., La Sorda, R., Spinella, F., Bagnato, A., Lattanzio, R., D'Egidio, M., Di Risio, A., Tomao, F., Grassadonia, A., Piantelli, M., Natoli, C., Iacobelli, S.

- Inhibition of tumor growth and angiogenesis by SP-2, an anti-lectin, galactoside-binding soluble 3 binding protein (LGALS3BP) antibody (2014) *Molecular Cancer Therapeutics*, 13 (4), pp. 916-925.
- 26) Grassilli, S., Brugnoli, F., Lattanzio, R., Rossi, C., Perracchio, L., Mottolese, M., Marchisio, M., Palomba, M., Nika, E., Natali, P.G., Piantelli, M., Capitani, S., Bertagnolo, V. High nuclear level of Vav1 is a positive prognostic factor in early invasive breast tumors: A role in modulating genes related to the efficiency of metastatic process (2014) *Oncotarget*, 5 (12), pp. 4320-4336.
- 27) Lattanzio, R., La Sorda, R., Facciolo, F., Sioletic, S., Lauriola, L., Martucci, R., Gallo, E., Palmieri, G., Evoli, A., Alessandrini, G., Ruco, L., Rendina, E.A., Truini, M., Chiarle, R., Barreca, A., Pich, A., Ascani, S., Remotti, D., Tunesi, G., Granone, P., Ratto, G.B., Puma, F., Pescarmona, E., Piantelli, M., Marino, M., Carlini, S., Cerasoli, V., Corzani, F., Melis, E., Filippetti, M., Canalini, P., Palestro, G., Lalle, M., Ruffini, E., Ceribelli, A., Rinaldi, M. Thymic epithelial tumors express vascular endothelial growth factors and their receptors as potential targets of antiangiogenic therapy: A tissue micro array-based multicenter study (2014) *Lung Cancer*, 85 (2), pp. 191-196.
- 28) Steven, A., Leisz, S., Massa, C., Iezzi, M., Lattanzio, R., Lamolinara, A., Bukur, J., Muller, A., Hiebl, B., Holzhausen, H.-J., Seliger, B. HER-2/neu mediates oncogenic transformation via altered CREB expression and function (2013) *Molecular Cancer Research*, 11 (11), pp. 1462-1477.
- 29) Bomba, M., Ciavardelli, D., Silvestri, E., Canzoniero, L.M.T., Lattanzio, R., Chiappini, P., Piantelli, M., Di Ilio, C., Consoli, A., Sensi, S.L. Exenatide promotes cognitive enhancement and positive brain metabolic changes in PS1-KI mice but has no effects in 3xTg-AD animals (2013) *Cell Death and Disease*, 4 (5), art. no. e612.
- 30) Guerra, E., Trerotola, M., Aloisi, A.L., Tripaldi, R., Vacca, G., La Sorda, R., Lattanzio, R., Piantelli, M., Alberti, S. The Trop-2 signalling network in cancer growth (2013) *Oncogene*, 32 (12), pp. 1594-1600.
- 31) Lattanzio, R., Marchisio, M., La Sorda, R., Tinari, N., Falasca, M., Alberti, S., Miscia, S., Ercolani, C., Di Benedetto, A., Perracchio, L., Melucci, E., Iacobelli, S., Mottolese, M., Natali, P.G., Piantelli, M. Overexpression of activated phospholipase C $\gamma$ 1 is a risk factor for distant metastases in T1-T2, N0 breast cancer patients undergoing adjuvant chemotherapy (2013) *International Journal of Cancer*, 132 (5), pp. 1022-1031.
- 32) Trerotola, M., Cantanelli, P., Guerra, E., Tripaldi, R., Aloisi, A.L., Bonasera, V., Lattanzio, R., De Lange, R., Weidle, U.H., Piantelli, M., Alberti, S. Upregulation of Trop-2 quantitatively stimulates human cancer growth (2013) *Oncogene*, 32 (2), pp. 222-233.
- 33) Lattanzio, R., Piantelli, M., Falasca, M. Role of phospholipase C in cell invasion and metastasis (2013) *Advances in Biological Regulation*, 53 (3), pp. 309-318.
- 34) Piccolo, E., Tinari, N., Semeraro, D., Traini, S., Fichera, I., Cumashi, A., La Sorda, R., Spinella, F., Bagnato, A., Lattanzio, R., D'Egidio, M., Di Risio, A., Stampolidis, P., Piantelli, M., Natoli, C., Ullrich, A., Iacobelli, S. LGALS3BP, lectin galactoside-binding soluble 3 binding protein, induces vascular endothelial growth factor in human breast cancer cells and promotes angiogenesis (2013) *Journal of Molecular Medicine*, 91 (1), pp. 83-94.
- 35) Alberti, S., Ambrogi, F., Boracchi, P., Fornili, M., Querzoli, P., Pedriali, M., La sorda, R., Lattanzio, R., Tripaldi, R., Piantelli, M., Biganzoli, E., Coradini, D. Cytoplasmic Trop-1/Ep-CAM overexpression is associated with a favorable outcome in node-positive breast cancer (2012) *Japanese Journal of Clinical Oncology*, 42 (12), art. no. hys159, pp. 1128-1137.

- 36) Guerra, E., Lattanzio, R., la Sorda, R., Dini, F., Tiboni, G.M., Piantelli, M., Alberti, S. mTrop1/Epcam Knockout Mice Develop Congenital Tufting Enteropathy through Dysregulation of Intestinal E-cadherin/ $\beta$ -catenin (2012) PLoS ONE, 7 (11), art. no. e49302.
- 37) Veschi, S., Lattanzio, R., Aceto, G.M., Curia, M.C., Magnasco, S., Angelucci, D., Cama, A., Piantelli, M., Battista, P. Alterations of MEN1 and E-cadherin/ $\beta$ -catenin complex in sporadic pulmonary carcinoids (2012) International Journal of Oncology, 41 (4), pp. 1221-1228.
- 38) Esposito, D.L., Aru, F., Lattanzio, R., Morgano, A., Abbondanza, M., Malekzadeh, R., Bishehsari, F., Valanzano, R., Russo, A., Piantelli, M., Moschetta, A., Lotti, L.V., Mariani-Costantini, R. The insulin receptor substrate 1 (irs1) in intestinal epithelial differentiation and in colorectal cancer (2012) PLoS ONE, 7 (4), art. no. e36190.
- 39) Sala, G., Traini, S., D'Egidio, M., Vianale, G., Rossi, C., Piccolo, E., Lattanzio, R., Piantelli, M., Tinari, N., Natali, P.G., Muraro, R., Iacobelli, S. An ErbB-3 antibody, MP-RM-1, inhibits tumor growth by blocking ligand-dependent and independent activation of ErbB-3/Akt signaling (2012) Oncogene, 31 (10), pp. 1275-1286.
- 40) Corona, C., Frazzini, V., Silvestri, E., Lattanzio, R., la Sorda, R., Piantelli, M., Canzoniero, L.M.T., Ciavardelli, D., Rizzarelli, E., Sensi, S.L. Effects of dietary supplementation of carnosine on mitochondrial dysfunction, amyloid pathology, and cognitive deficits in 3xTg-AD mice (2011) PLoS ONE, 6 (3), art. no. e17971.
- 41) Querzoli, P., Coradini, D., Pedriali, M., Boracchi, P., Ambrogi, F., Raimondi, E., La Sorda, R., Lattanzio, R., Rinaldi, R., Lunardi, M., Frasson, C., Modesti, F., Ferretti, S., Piantelli, M., Iacobelli, S., Biganzoli, E., Nenci, I., Alberti, S. An immunohistochemically positive E-cadherin status is not always predictive for a good prognosis in human breast cancer (2010) British Journal of Cancer, 103 (12), pp. 1835-1839.
- 42) Corona, C., Masciopinto, F., Silvestri, E., Viscovo, A.D., Lattanzio, R., Sorda, R.L., Ciavardelli, D., Goglia, F., Piantelli, M., Canzoniero, L.M., Sensi, S.L. Dietary zinc supplementation of 3xTg-AD mice increases BDNF levels and prevents cognitive deficits as well as mitochondrial dysfunction. (2010) Cell death & disease, 1.
- 43) Tinari, N., Lattanzio, R., Querzoli, P., Natoli, C., Grassadonia, A., Alberti, S., Hubalek, M., Reimer, D., Nenci, I., Bruzzi, P., Piantelli, M., Iacobelli, S. High expression of 90K (Mac-2 BP) is associated with poor survival in node-negative breast cancer patients not receiving adjuvant systemic therapies (2009) International Journal of Cancer, 124 (2), pp. 333-338.
- 44) Sala, G., Dituri, F., Raimondi, C., Previdi, S., Maffucci, T., Mazzeletti, M., Rossi, C., Iezzi, M., Lattanzio, R., Piantelli, M., Iacobelli, S., Broggin, M., Falasca, M. Phospholipase C $\gamma$ 1 is required for metastasis development and progression (2008) Cancer Research, 68 (24), pp. 10187-10196.
- 45) Cumashi, A., Tinari, N., Rossi, C., Lattanzio, R., Natoli, C., Piantelli, M., Iacobelli, S. Sunitinib malate (SU-11248) alone or in combination with low-dose docetaxel inhibits the growth of DU-145 prostate cancer xenografts (2008) Cancer Letters, 270 (2), pp. 229-233.
- 46) Rossi, C., Di Lena, A., La Sorda, R., Lattanzio, R., Antolini, L., Patassini, C., Piantelli, M., Alberti, S. Intestinal tumour chemoprevention with the antioxidant lipoic acid stimulates the growth of breast cancer (2008) European Journal of Cancer, 44 (17), pp. 2696-2704.
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S. A bicistronic CYCLIN D1-TROP2 mRNA chimera demonstrates a novel oncogenic mechanism in human cancer (2008) *Cancer Research*, 68 (19), pp. 8113-8121.

48) Mahdavinia, M., Bishehsari, F., Verginelli, F., Cumashi, A., Lattanzio, R., Sotoudeh, M., Ansari, R., Semeraro, D., Hormazdi, M., Fakheri, H., Rakhshani, N., De Lellis, L., Curia, M.C., Cama, A., Piantelli, M., Malekzadeh, R., Iacobelli, S., Mariani-Costantini, R. P53 mutations in colorectal cancer from Northern Iran: Relationships with site of tumor origin, microsatellite instability and K-ras mutations (2008) *Journal of Cellular Physiology*, 216 (2), pp. 543-550.

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### **FUNDED PROJECTS**

Collaborator to projects funded by AIRC for years 2004 (P.I., Prof. Pier Giorgio Natali), 2005 (P.I. Prof. Mauro Piantelli), and 2019 (P.I., Prof. Vincenzo De Laurenzi).

### **OTHER SOURCES OF FUNDING**

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