

Curriculum Vitæ

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PRESENT POSITION

Associate Professor of Medical and Biotechnology Laboratory Techniques, Department of Innovative Technologies in Medicine & Dentistry, 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. Davi).
- 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.
- 2017-2022** 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 first degree students in Biomedical Laboratory Techniques (L/SNT3), and for first degree students in Dental Hygiene (L/SNT3), University "G. d'Annunzio" Chieti, Italy.
- 2017-present** Lecturer of Anatomic Pathology and Histopathology Techniques (SSD/MED46) for first degree students in Biomedical Laboratory Techniques (L/SNT3), and for students at the School of Medicine (LM41), University "G. d'Annunzio" Chieti, Italy.
- 2021-present** Lecturer of Clinical Pathology Techniques (SSD/MED46) for first degree students in Biomedical Laboratory Techniques (L/SNT3), University "G. d'Annunzio" Chieti, Italy.

EDITORIAL EXPERIENCE

- 2019** **Guest Editor, "Biomedicines"**(www.mdpi.com/journal/biomedicines; I.F. = 4.717) Special Issue entitled "Pancreatic Cancer: From Pathophysiology to Novel Therapeutic Approaches"
- 2019-present** **Associate Editor, "BMC Cancer"** (ISSN 1471-2407, <https://bmccancer.biomedcentral.com/>; I.F. = 4.672)
- 2020-present** **Associate Editor, "Biomedicines"** (ISSN 2227-9059, <https://www.mdpi.com/journal/biomedicines>; I.F. = 4.717)
- Reviewer for:** Oncogenesis, International Journal of Molecular Sciences, Cancers, PlosOne, Molecules, Pathology Research and Practice, Archives of Iranian Medicine, Cancer Medicine, Biosensors, Frontiers Oncology, Antioxidants, Disease Markers, EBioMedicine, 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: 68 peer-reviewed publications (56 in the last 10 years), 1904 total citations, with an average of 28 citations per paper. h-Index = 26 (source: Scopus)

Ten most cited publications:

- 1- **(137 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- **(136 citations)** Trerotola M, et al. Upregulation of Trop-2 quantitatively stimulates human cancer growth. *Oncogene*. 2013;32:222-233.
- 3- **(132 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.
- 4- **(111 citations)** Sala G, et al. Phospholipase Cgamma1 is required for metastasis development and progression. *Cancer Research*. 2008;68(24):10187-10196.
- 5- **(72 citations)** Ambrogi F, et al. Trop-2 is a determinant of breast cancer survival. *PLoS ONE*. 2014;9:e96993.
- 6- **(70 citations)** Guerra E, et al. The Trop-2 signalling network in cancer growth. *Oncogene*. 2013;32:1594-1600.
- 7- **(68 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.
- 8- **(60 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- **(55 citations)** Corda G, et al. Functional and prognostic significance of the genomic amplification of frizzled 6 (FZD6) in breast cancer (2017) *Journal of Pathology*, 241 (3), pp. 350-361.
- 10- **(54 citations)** Guerra E, et al. mTrop1/Epcam Knockout Mice Develop Congenital Tufting Enteropathy through Dysregulation of Intestinal E-cadherin/ β -catenin (2012) *PLoS ONE*, 7 (11), art. no. e49302.

LIST OF SCIENTIFIC PUBLICATIONS

1. De Santis MC, Gozzelino L, Margaria JP, Costamagna A, Ratto E, Gulluni F, Di Gregorio E, Mina E, Lorito N, Bacci M, Lattanzio R, Sala G, Cappello P, Novelli F, Giovannetti E, Vicentini C, Andreani S, Delfino P, Corbo V, Scarpa A, Porporato PE, Morandi A, Hirsch E, Martini M. Lysosomal lipid switch sensitises to nutrient deprivation and mTOR targeting in pancreatic cancer (2022) *Gut*, May27;gutjnl-2021-325117. doi: 10.1136/gutjnl-2021-325117.
2. Recinella L, Chiavaroli A, Veschi S, Di Valerio V, Lattanzio R, Orlando G, Ferrante C, Gesmundo I, Granata R, Cai R, Sha W, Schally AV, Brunetti L, Leone S. Antagonist of growth hormone-releasing hormone MIA-690 attenuates the progression and inhibits growth of colorectal cancer in mice (2022) *Biomed Pharmacother.*, Feb;146:112554. doi: 10.1016/j.biopha.2021.112554.
3. Guerra E, Relli V, Ceci M, Tripaldi R, Simeone P, Aloisi AL, Pantalone L, La Sorda R, Lattanzio R, Sacchetti A, Havas K, Guarnieri S, Vergara D, Fournier I, Salzet M, Tinari N, Piantelli M, Trerotola M, Alberti S. Trop-2, Na⁺/K⁺ ATPase, CD9, PKC α , cofilin assemble a membrane signaling super-complex

- that drives colorectal cancer growth and invasion (2022) *Oncogene*, Mar;41(12):1795-1808. doi: 10.1038/s41388-022-02220-1.
4. Turdo A, Gaggianesi M, Di Franco S, Veschi V, D'Accardo C, Porcelli G, Lo Iacono M, Pillitteri I, Verona F, Militello G, Zippo A, Poli V, Fagnocchi L, Beyes S, Stella S, Lattanzio R, Faldetta N, Lentini VL, Porcasi R, Pistone G, Bongiorno MR, Stassi G, De Maria R, Todaro M. Effective targeting of breast cancer stem cells by combined inhibition of Sam68 and Rad51 (2022) *Oncogene*, Apr;41(15):2196-2209. doi: 10.1038/s41388-022-02239-4.
 5. Catalano T, D'Amico E, Moscatello C, Di Marcantonio MC, Ferrone A, Bologna G, Selvaggi F, Lanuti P, Cotellese R, Curia MC, Lattanzio L, Aceto GM. Oxidative Distress Induces Wnt/ β -Catenin Pathway Modulation in Colorectal Cancer Cells: Perspectives on APC Retained Functions (2021) *Cancers (Basel)*, Nov 30;13(23):6045. doi: 10.3390/cancers13236045.
 6. Maurizy C, Abeza C, Lemmers B, Gabola M, Longobardi C, Pinet V, Ferrand M, Paul C, Bremond J, Langa F, Gerbe F, Jay P, Verheggen C, Tinari N, Helmlinger D, Lattanzio R, Bertrand E, Hahne M, Pradet-Balade B. The HSP90/R2TP assembly chaperone promotes cell proliferation in the intestinal epithelium (2021) *Nat Commun*, Aug 10;12(1):4810. doi: 10.1038/s41467-021-24792-4.
 7. Canullo L, Penarrocha OD, Pesce P, Zarauz C, Lattanzio R, Penarrocha DM, Iezzi G. Soft tissue integration of different abutment surfaces: An experimental study with histological analysis (2021) *Clin Oral Implants Res*, Aug;32(8):928-940.
 8. De Lellis L, Florio R, Di Bella MC, Brocco D, Guidotti F, Tinari N, Grassadonia A, Lattanzio R, Cama A, Veschi S. Exosomes as pleiotropic players in pancreatic cancer (2021) *Biomedicines*, Mar 9;9(3):275. doi: 10.3390/biomedicines9030275.
 9. Rossi FA, Enriqu  Steinberg JH, Calvo Roitberg EH, Joshi MU, Pandey A, Abba MC, Dufrusine B, Buglioni S, De Laurenzi V, Sala G, Lattanzio R, Espinosa JM, Rossi M. USP19 modulates cancer cell migration and invasion and acts as a novel prognostic marker in patients with early breast cancer (2021) *Oncogenesis*, Mar 13;10(3):28. doi: 10.1038/s41389-021-00318-x.
 10. Trerotola M, Guerra E, Ali Z, Aloisi AL, Ceci M, Simeone P, Acciarito A, Zanna P, Vacca G, D'Amore A, Boujnah K, Garbo V, Moschella A, Lattanzio R, Alberti S. Trop-2 cleavage by ADAM10 is an activator switch for cancer growth and metastasis (2021) *Neoplasia*, Apr;23(4):415-428. doi: 10.1016/j.neo.2021.03.006. Epub 2021 Apr 8.
 11. Guerra E, Trerotola M, Relli V, Lattanzio L, Tripaldi R, Vacca G, Ceci M, Boujnah K, Garbo V, Moschella A, Zappacosta R, Simeone P, de Lange R, Weidle UH, Rotelli MT, Picciariello A, Depalo R, Querzoli P, Pedriali M, Bianchini E, Angelucci D, Pizzicannella G, Di Loreto C, Piantelli M, Antolini L, Sun XF, Altomare DF, Alberti S. Trop-2 induces ADAM10-mediated cleavage of E-cadherin and drives EMT-less metastasis in colon cancer (2021) *Neoplasia*, Sep;23(9):898-911. doi: 10.1016/j.neo.2021.07.002. Epub 2021 Jul 25.
 12. Recinella L, Chiavaroli A, Di Valerio V, Veschi S, Orlando G, Ferrante C, Gesmundo I, Granata R, Cai R, Sha W, Schally AV, Lattanzio R, Brunetti L, Leone S. Protective effects of growth hormone-releasing hormone analogs in DSS-induced colitis in mice (2021) *Sci Rep*. Jan 28;11(1):2530. doi: 10.1038/s41598-021-81778-4.
 13. Capone E, Lattanzio R, Gasparri F, Orsini P, Rossi C, Iacobelli V, De Laurenzi V, Natali PG, Valsasina B, Iacobelli S, Sala G. EV20/NMS-P945, a Novel Thienoindole Based Antibody-Drug Conjugate Targeting HER-3 for Solid Tumors (2021) *Pharmaceutics* Apr 2;13(4):483. doi: 10.3390/pharmaceutics13040483.
 14. Guo Y, Gabola M, Lattanzio R, Paul C, Pinet V, Tang R, Turali H, Bremond J, Longobardi C, Maurizy C, Da Costa Q, Finetti P, Boissier-Michot F, Riviere B, Lemmers C, Garnier S, Bertucci F, Zlobec I, Chebli K, Tazi J, Azar R, Blanchard JM, Peter Sicinski, Mamessier E, Lemmers B, Hahne M. (2021) Cyclin A2 maintains colon

- homeostasis and is a prognostic factor in CRC. *J Clin Invest*, Dec 17;131517. doi: 10.1172/JCI131517.
15. Grassilli, S., Brugnoli, F., Lattanzio, R., Buglioni, S., Bertagnolo, V. Vav1 Down-Modulates Akt2 Expression in Cells from Pancreatic Ductal Adenocarcinoma: Nuclear Vav1 as a Potential Regulator of Akt Related Malignancy in Pancreatic Cancer (2020) *Biomedicines*, Sep 26;8(10):379. doi: 10.3390/biomedicines8100379.
 16. Capone, E., Lamolinara, A., Pastorino, F., Gentile, R., Ponziani, S., Di Vittorio, G., D'Agostino, D., Bibbò, S., Rossi, C., Piccolo, E., Iacobelli, V., Lattanzio, R., Panella, V., Sallese, M., De Laurenzi, V., Giansanti, F., Sala, A., Iezzi, M., Ponzoni, M., Ippoliti, R., Iacobelli, S., Sala, G. Targeting Vesicular LGALS3BP by an Antibody-Drug Conjugate as Novel Therapeutic Strategy for Neuroblastoma (2020) *Cancers*, Oct 15;12(10):2989. doi: 10.3390/cancers12102989.
 17. Melis, E., Gallo, E., di Martino, S., Gallina, F.T., Laquintana, V., Casini, B., Visca, P., Ganci, F., Alessandrini, G., Caterino, M., Cecere, F.L., Mandoj, C., Papadantonakis, A., De Bello, N., Lattanzio, R., Palmieri, G., Garassino, M.C., Girard, N., Conti, L., Blandino, G., Fazi, F., Facciolo, F., Pescarmona, E., Ciliberto, G., Marino, M. Thymic Epithelial Tumors as a Model of Networking: Development of a Synergistic Strategy for Clinical and Translational Research Purposes (2020) *Front Oncol* Jul 14;10:922. doi: 10.3389/fonc.2020.00922. eCollection 2020.
 18. 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.
 19. Lattanzio, R., Iezzi, M., Sala, G., Tinari, N., Falasca, M., Alberti, S., Buglioni, S., Mottolise, 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).
 20. 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).
 21. 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).
 22. Giansanti, F., Capone, E., Ponziani, S., Piccolo, E., Gentile, R., Lamolinara, A., Di Campli, A., Sallese, M., Iacobelli, V., Cimini, 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.
 23. Bomba, M., Granzotto, A., Castelli, V., Onofri, M., Lattanzio, R., Cimini, 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.
 24. 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.
 25. 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.

26. 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.
27. 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.
28. 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.
29. Emmanouilidi, A., Lattanzio, R., Sala, G., Piantelli, M., Falasca, M. The role of phospholipase C γ 1 in breast cancer and its clinical significance (2017) *Future Oncology*, 13 (22), pp. 1991-1997.
30. 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., Mottolese, 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.
31. 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.
32. 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.
33. 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.
34. 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 β regulates a novel signaling pathway involved in breast cancer progression (2016) *Oncotarget*, 7 (14), pp. 18325-18345.
35. 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.
36. 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.
37. 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.
38. Lattanzio, R., Ghasemi, R., Brancati, F., Sorda, R.L., Tinari, N., Perracchio, L., Iacobelli, S., Mottolese, 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.
 39. 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.
 40. 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.
 41. Ambroggi, 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.
 42. 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., Natali, 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.
 43. 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.
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 45. 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.
 46. 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.
 47. 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.
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