

CURRICULUM VITAE

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Name: Marco Marchisio, B.S., Ph.D.

Date and Place of Birth: March 30, 1965; Ferrara, Italy

Citizenship: Italy

Education:

1995 - Doctor of Sciences, Biological Sciences, University of Ferrara, Italy
1996-1997 - Research Training, Institute of Human Anatomy, University of Ferrara, Italy
1997-1999 - Ph.D. (Cellular and Molecular Biology), Institute of Human Anatomy, University of Ferrara, Italy
2000-2001 - Post Dott., Department of Experimental Clinic Medicine, Institute of Microbiology, University of Bologna, Italy

Brief Chronology of Employment:

1997 - Visiting Fellow, Babraham Institute, Cambridge, UK.
2000-2001 - AIDS fellowship (Italian Ministry of Health)
2001- FIRC fellowship (Italian foundation of cancer research)
2001- Visiting Fellow, Department of Pathology, Uniformed Services University of the Health Sciences, Bethesda, Maryland, USA
2002-2004 - contract worker with Center from Excellence on Aging, Foundation “Università G.d’Annunzio” Chieti
2004 - Assistant professor of Human Anatomy at the Chieti Medical School
2006 - Associated professor of Human Anatomy at the Chieti Medical School
2019 – Full professor of Human Anatomy at the Chieti Medical School

Honours and Awards:

1997 - Short-term fellowship (Consiglio Nazionale delle Ricerche, Italy), Babraham Institute, Cambridge, UK.
1999 - “Young researchers project” award from University of Ferrara, Italy.
2001 - FIRC fellowship for cancer research (USUHS, Bethesda, Maryland, USA)

Memberships in Scientific Societies

SIAI: Società Italiana di Anatomia e Istologia
ISCCA. Italian Society for Cytometric Cell Analysis
ESCCA. European Society for Clinical Cell Analysis
SCR Stem Cell Research Italy
StemTeCh Group. Stem Cell Group (<http://www.stem-tech.it>)

Bibliometric parameters

He is author (March 2020) of 131 full-length peer-reviewed papers published in international scientific journals [citations 2494(SCOPUS), h index 32 (SCOPUS), total IF=499,84]

Funded Projects

2012 Fondazione per la Ricerca sulla Fibrosi Cistica – ONLUS project unit manager, “*The role of vascular endothelium in cystic fibrosis inflammation.*” 12 months, cod. FFC #17/2012

2013 Fondazione per la Ricerca sulla Fibrosi Cistica – ONLUS project unit manager, “*The role of vascular endothelium in cystic fibrosis inflammation.*” 12 months, cod. FFC#19/2013

Patents

“Metodo per identificare ed analizzare microvescicole in un campione di fluido biologico”. Italian patent number n. 102018000003981

“Method for identifying and analysing microvesicles in a biological fluid sample”. European patent application number EP19164567.0

Research Interests:

The research activity was focused on lipid dependent-signal transduction pathways during cell growth and differentiation. His studies led to the identification and the possible role, in both whole cell and nuclear compartment, of specific isoforms of PKC, PI-PLC and PI3K. The significance of inositide related enzymes and their connected signaling were studied during the overcoming of the differentiation blockade of APL-derived tumoral promyelocytes (leukemic blasts, cell lines as HL-60 and NB4) induced by agonists (trans-retinoic acid, As₂O₃). A more recent research interest concerns the role of specific PLC isoforms, both cytoplasmic and nuclear, in promotion and/or progression of breast cancer. The activity allowed to the identification of molecular targets for antineoplastic strategies. The main skills acquired were related to all aspects of proteins study (functional proteomics), as immunochemical, immunocytochemical and immunohistochemical analysis, positive and negative modulation of protein expression, specific enzymatic activity assays, flow cytometry, high-speed cell sorter flow cytometry and quantitative imaging flow cytometer.

10 Most Significant Publications (all career)

1. Human herpesvirus 7 induces the down-regulation of CD4 antigen in lymphoid T cells without affecting p56lck levels. Secchiero P, Gibellini D, Flamand L, Robuffo I, **Marchisio M**, Capitani S, Gallo RC, Zauli G. J Immunol. 1997 Oct 1;159(7):3412-23. IF=6,937.
2. The induction of megakaryocyte differentiation is accompanied by selective Ser133 phosphorylation of the transcription factor CREB in both HEL cell line and primary CD34+ cells. Zauli G, Gibellini D, Vitale M, Secchiero P, Celeghini C, Bassini A, Pierpaoli S, **Marchisio M**, Guidotti L, Capitani S. Blood. 1998 Jul 15;92(2):472-80. IF=8,372.
3. Phosphoinositide 3-kinase activity is essential for all-trans-retinoic acid-induced granulocytic differentiation of HL-60 cells. Bertagnolo V, Neri LM, **Marchisio M**, Mischiati C, Capitani S. Cancer Res. 1999 Feb 1;59(3):542-6. IF=8,614.
4. Increase in nuclear phosphatidylinositol 3-kinase activity and phosphatidylinositol (3,4,5) trisphosphate synthesis precede PKC-zeta translocation to the nucleus of NGF-treated PC12 cells. Neri LM, Martelli AM, Borgatti P, Colamussi ML, **Marchisio M**, Capitani S. FASEB J. 1999 Dec;13(15):2299-310. IF=11,880.
5. Phospholipase C delta2 expression characterizes the neoplastic transformation of the human gastric mucosa. **Marchisio M**, Di Baldassarre A, Angelucci D, Caramelli E, Cataldi A, Castorina S, Antonucci A, Di Giovannantonio L, Schiavone C, Di Biagio R, Falconi M, Zauli G, Miscia S. Am J Pathol. 2001 Sep;159(3):803-8. IF=7,103.
6. Enhancement of TRAIL cytotoxicity by AG-490 in human ALL cells is characterized by downregulation of cIAP-1 and cIAP-2 through inhibition of Jak2/Stat3. Lanuti P, Bertagnolo V, Pierdomenico L, Bascelli A, Santavenere E, Alinari L, Capitani S, Miscia S, **Marchisio M**. Cell Res. 2009 Sep;19(9):1079-89. doi: 10.1038/cr.2009.80. Epub 2009 Jun 30. IF=8,151.
7. Allele-specific loss and transcription of the miR-15a/16-1 cluster in chronic lymphocytic leukemia. Veronese A, Pepe F, Chiacchia J, Pagotto S, Lanuti P, Veschi S, Di Marco M, D'Argenio A, Innocenti I, Vannata B, Autore F, **Marchisio M**, Wernicke D, Verginelli F, Leone G, Rassenti LZ, Kipps TJ, Mariani-Costantini R, Laurenti L, Croce CM, Visone R. Leukemia. 2015 Jan;29(1):86-95. doi: 10.1038/leu.2014.139. Epub 2014 Apr 15. IF=12,104.

8. A standardized flow cytometry network study for the assessment of circulating endothelial cell physiological ranges. Lanuti P, Simeone P, Rotta G, Almici C, Avvisati G, Azzaro R, Bologna G, Budillon A, Di Cerbo M, Di Gennaro E, Di Martino ML, Diodato A, Doretto P, Ercolino E, Falda A, Gregorj C, Leone A, Losa F, Malara N, Marini M, Mastroberto P, Mollace V, Morelli M, Muggianu E, Musolino G, Neva A, Pierdomenico L, Pinna S, Piovani G, Roca MS, Russo D, Scotti L, Tirindelli MC, Trunzo V, Venturella R, Vitagliano C, Zullo F, **Marchisio M**, Miscia S. Sci Rep. 2018 Apr 11;8(1):5823. doi: 10.1038/s41598-018-24234-0. IF=4,011.
9. Paragangliomas arise through an autonomous vasculo-angio-neurogenic program inhibited by imatinib. Verginelli F, Perconti S, Vespa S, Schiavi F, Prasad SC, Lanuti P, Cama A, Tramontana L, Esposito DL, Guarnieri S, Sheu A, Pantalone MR, Florio R, Morgano A, Rossi C, Bologna G, **Marchisio M**, D'Argenio A, Taschin E, Visone R, Opocher G, Veronese A, Paties CT, Rajasekhar VK, Söderberg-Nauclér C, Sanna M, Lotti LV, Mariani-Costantini R. Acta Neuropathol. 2018 May;135(5):779-798. doi: 10.1007/s00401-017-1799-2. Epub 2018 Jan 5. Erratum in: Acta Neuropathol. 2018 Feb. IF=18,174.
10. Large oncosomes overexpressing integrin alpha-V promote prostate cancer adhesion and invasion via AKT activation. Ciardiello C, Leone A, Lanuti P, Roca MS, Moccia T, Minciocchi VR, Minopoli M, Gigantino V, De Cecio R, Rippa M, Petti L, Capone F, Vitagliano C, Milone MR, Pucci B, Lombardi R, Iannelli F, Di Gennaro E, Bruzzese F, **Marchisio M**, Carriero MV, Di Vizio D, Budillon A. J Exp Clin Cancer Res. 2019 Jul 18;38(1):317. doi: 10.1186/s13046-019-1317-6. IF=5,436 (2018);

Peer-Reviewed Publications (last 10 years).

1. Vascular endothelial growth factor enhances in vitro proliferation and osteogenic differentiation of human dental pulp stem cells. D' Alimonte I, Nargi E, Mastrangelo F, Falco G, Lanuti P, **Marchisio M**, Miscia S, Robuffo I, Capogreco M, Buccella S, Caputi S, Caciagli F, Tetè S, Ciccirelli R. J Biol Regul Homeost Agents. 2011 Jan-Mar;25(1):57-69. IF=5,183;
2. Molecular basis underlying the biological effects elicited by extremely low-frequency magnetic field (ELF-MF) on neuroblastoma cells. Sulpizio M, Falone S, Amicarelli F, **Marchisio M**, Di Giuseppe F, Eleuterio E, Di Ilio C, Angelucci S. J Cell Biochem. 2011 Dec;112(12):3797-806. doi: 10.1002/jcb.23310. IF=2,868;
3. Lactobacillus paracasei Lp6 favors immune modulation induced by allergoid treatment in ragweed sensitized mice. Petrarca C, Lazzarin F, Lanuti P, **Marchisio M**, Miscia S, Rossi C, Braga M, Mistrello G, Di Gioacchino M. Int J Immunopathol Pharmacol. 2011 Oct-Dec;24(4):881-93. IF=2,991;
4. Diabetes mellitus during pregnancy interferes with the biological characteristic of wharton's jelly mesenchymal stem cells. Pierdomenico L, Lanuti P, Lachmann R, Grifone G, Cianci E, Gialò I, Pacella S, Romano M, Vitacolonna E, Miscia S, **Marchisio M**. Open Tissue Engineering and Regenerative Medicine Journal 2011 4(1):103-11 IF=no;
5. Stemness characteristics and osteogenic potential of sheep amniotic epithelial cells. Mattioli M, Gloria A, Turriani M, Mauro A, Curini V, Russo V, Tetè S, **Marchisio M**, Pierdomenico L, Berardinelli P, Colosimo A, Muttini A, Valbonetti L, Barboni B. Cell Biol Int. 2012 Jan;36(1):7-19. doi: 10.1042/CBI20100720. IF=1,640;
6. Amyloid-specific T-cells differentiate Alzheimer's disease from Lewy body dementia. Lanuti P, Ciccocioppo F, Bonanni L, **Marchisio M**, Lachmann R, Tabet N, Pierdomenico L, Santavenere E, Catinella V, Iacone A, Thomas A, Gambi D, Miscia S, Onofri M, Kern F. Neurobiol Aging. 2012 Nov;33(11):2599-611. doi: 10.1016/j.neurobiolaging.2012.01.004. Epub 2012 Feb 11. IF=6,166;
7. Indirect co-culture with tendons or tenocytes can program amniotic epithelial cells towards stepwise tenogenic differentiation. Barboni B, Curini V, Russo V, Mauro A, Di Giacinto O, **Marchisio M**, Alfonsi M, Mattioli M. PLoS One. 2012;7(2):e30974. doi: 10.1371/journal.pone.0030974. Epub 2012 Feb 10. IF=3,730;

8. A novel flow cytometric approach to distinguish circulating endothelial cells from endothelial microparticles: relevance for the evaluation of endothelial dysfunction. Lanuti P, Santilli F, **Marchisio M**, Pierdomenico L, Vitacolonna E, Santavenere E, Iacone A, Davì G, Romano M, Miscia S. *J Immunol Methods*. 2012 Jun 29;380(1-2):16-22. doi: 10.1016/j.jim.2012.03.007. Epub 2012 Mar 31. IF=2,225;
9. Achilles tendon regeneration can be improved by amniotic epithelial cell allotransplantation. Barboni B, Russo V, Curini V, Mauro A, Martelli A, Muttini A, Bernabò N, Valbonetti L, **Marchisio M**, Di Giacinto O, Berardinelli P, Mattioli M. *Cell Transplant*. 2012;21(11):2377-95. doi: 10.3727/096368912X638892. Epub 2012 Apr 10. IF=4,442;
10. Characterization, GFP gene Nucleofection, and allotransplantation in injured tendons of ovine amniotic fluid-derived stem cells. Colosimo A, Curini V, Russo V, Mauro A, Bernabò N, **Marchisio M**, Alfonsi M, Muttini A, Mattioli M, Barboni B. *Cell Transplant*. 2013;22(1):99-117. doi: 10.3727/096368912X638883. Epub 2012 Apr 10. IF=3,570;
11. Overexpression of activated phospholipase Cy1 is a risk factor for distant metastases in T1-T2, N0 breast cancer patients undergoing adjuvant chemotherapy. 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, Mottotese M, Natali PG, Piantelli M; CINBO (Consorzio Interuniversitario Nazionale per Bio-Oncologia). *Int J Cancer*. 2013 Mar 1;132(5):1022-31. doi: 10.1002/ijc.27751. Epub 2012 Sep 1. IF=5,007;
12. Ovine amniotic epithelial cells: in vitro characterization and transplantation into equine superficial digital flexor tendon spontaneous defects. Muttini A, Valbonetti L, Abate M, Colosimo A, Curini V, Mauro A, Berardinelli P, Russo V, Cocciolone D, **Marchisio M**, Mattioli M, Tosi U, Podaliri Vulpiani M, Barboni B. *Res Vet Sci*. 2013 Feb;94(1):158-69. doi: 10.1016/j.rvsc.2012.07.028. Epub 2012 Sep 3. IF=1,511;
13. Wnt signaling behaves as a "master regulator" in the osteogenic and adipogenic commitment of human amniotic fluid mesenchymal stem cells. D'Alimonte I, Lannutti A, Pipino C, Di Tomo P, Pierdomenico L, Cianci E, Antonucci I, **Marchisio M**, Romano M, Stuppia L, Caciagli F, Pandolfi A, Ciccarelli R. *Stem Cell Rev*. 2013 Oct;9(5):642-54. doi: 10.1007/s12015-013-9436-5. IF=3,214;
14. Adenosine A1 receptor stimulation enhances osteogenic differentiation of human dental pulp-derived mesenchymal stem cells via WNT signaling. D'Alimonte I, Nargi E, Lannutti A, **Marchisio M**, Pierdomenico L, Costanzo G, Di Iorio P, Ballerini P, Giuliani P, Caciagli F, Ciccarelli R. *Stem Cell Res*. 2013 Jul;11(1):611-24. doi: 10.1016/j.scr.2013.04.002. Epub 2013 Apr 10. IF=3,912;
15. Prolonged in vitro expansion partially affects phenotypic features and osteogenic potential of ovine amniotic fluid-derived mesenchymal stromal cells. Colosimo A, Russo V, Mauro A, Curini V, **Marchisio M**, Bernabò N, Alfonsi M, Mattioli M, Barboni B. *Cytotherapy*. 2013 Aug;15(8):930-50. doi: 10.1016/j.jcyt.2013.03.014. Epub 2013 Jun 13. IF=3,100;
16. Proteome of human stem cells from periodontal ligament and dental pulp. Eleuterio E, Trubiani O, Sulpizio M, Di Giuseppe F, Pierdomenico L, **Marchisio M**, Giancola R, Giammaria G, Miscia S, Caputi S, Di Ilio C, Angelucci S. *PLoS One*. 2013 Aug 5;8(8):e71101. doi: 10.1371/journal.pone.0071101. Print 2013. IF=3,534;
17. Calcium sensing receptor expression in ovine amniotic fluid mesenchymal stem cells and the potential role of R-568 during osteogenic differentiation. Di Tomo P, Pipino C, Lanuti P, Morabito C, Pierdomenico L, Sirilli V, Bonomini M, Miscia S, Mariggiò MA, **Marchisio M**, Barboni B, Pandolfi A. *PLoS One*. 2013 Sep 9;8(9):e73816. doi: 10.1371/journal.pone.0073816. eCollection 2013. IF=3,534;
18. Gene expression modifications in Wharton's Jelly mesenchymal stem cells promoted by prolonged in vitro culturing. Gatta V, D'Aurora M, Lanuti P, Pierdomenico L, Sperduti S, Palka G, Gesi M, **Marchisio M**, Miscia S, Stuppia L. *BMC Genomics*. 2013 Sep 21;14:635. doi: 10.1186/1471-2164-14-635. IF=4,041;

19. Cryopreservation effects on Wharton's Jelly Stem Cells proteome. Di Giuseppe F, Pierdomenico L, Eleuterio E, Sulpizio M, Lanuti P, Riviello A, Bologna G, Gesi M, Di Ilio C, Miscia S, **Marchisio M**, Angelucci S. Stem Cell Rev. 2014 Jun;10(3):429-46. doi: 10.1007/s12015-014-9501-8. IF=2,768;
20. Extracellular GTP is a potent water-transport regulator via aquaporin 5 plasma-membrane insertion in M1-CCD epithelial cortical collecting duct cells. Mancinelli R, La Rovere RM, Fulle S, Miscia S, **Marchisio M**, Pierdomenico L, Lanuti P, Procino G, Barbieri C, Svelto M, Fanò-Illic G, Pietrangelo T. Cell Physiol Biochem. 2014;33(3):731-46. doi: 10.1159/000358648. Epub 2014 Mar 7. IF=2,875;
21. Water-soluble platinum phthalocyanines as potential antitumor agents. Bologna G, Lanuti P, D'Ambrosio P, Tonucci L, Pierdomenico L, D'Emilio C, Celli N, **Marchisio M**, d'Alessandro N, Santavenere E, Bressan M, Miscia S. Biometals. 2014 Jun;27(3):575-89. doi: 10.1007/s10534-014-9730-y. Epub 2014 Apr 4. IF=2,503;
22. Gestational stage affects amniotic epithelial cells phenotype, methylation status, immunomodulatory and stemness properties. Barboni B, Russo V, Curini V, Martelli A, Berardinelli P, Mauro A, Mattioli M, **Marchisio M**, Bonassi Signoroni P, Parolini O, Colosimo A. Stem Cell Rev. 2014 Oct;10(5):725-41. doi: 10.1007/s12015-014-9519-y. IF=2,768;
23. 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. Grassilli S, Brugnoli F, Lattanzio R, Rossi C, Perracchio L, Mottotese M, **Marchisio M**, Palomba M, Nika E, Natali PG, Piantelli M, Capitani S, Bertagnolo V. Oncotarget. 2014 Jun 30;5(12):4320-36. IF=6,359;
24. Calcium sensing receptor activation by calcimimetic R-568 in human amniotic fluid mesenchymal stem cells: correlation with osteogenic differentiation. Pipino C, Di Tomo P, Mandatori D, Cianci E, Lanuti P, Cutrona MB, Penolazzi L, Pierdomenico L, Lambertini E, Antonucci I, Sirolli V, Bonomini M, Romano M, Piva R, **Marchisio M**, Pandolfi A. Stem Cells Dev. 2014 Dec 15;23(24):2959-71. doi: 10.1089/scd.2013.0627. IF=3,727;
25. Allele-specific loss and transcription of the miR-15a/16-1 cluster in chronic lymphocytic leukemia. Veronese A, Pepe F, Chiacchia J, Pagotto S, Lanuti P, Veschi S, Di Marco M, D'Argenio A, Innocenti I, Vannata B, Autore F, **Marchisio M**, Wernicke D, Verginelli F, Leone G, Rassenti LZ, Kipps TJ, Mariani-Costantini R, Laurenti L, Croce CM, Visone R. Leukemia. 2015 Jan;29(1):86-95. doi: 10.1038/leu.2014.139. Epub 2014 Apr 15. IF=12,104;
26. Assessment of an efficient xeno-free culture system of human periodontal ligament stem cells. Trubiani O, Piattelli A, Gatta V, **Marchisio M**, Diomedea F, D'Aurora M, Merciaro I, Pierdomenico L, Maraldi NM, Zini N. Tissue Eng Part C Methods. 2015 Jan;21(1):52-64. doi: 10.1089/ten.TEC.2014.0024. IF=3,892;
27. Molecular and phenotypic characterization of human amniotic fluid-derived cells: a morphological and proteomic approach. Pipino C, Pierdomenico L, Di Tomo P, Di Giuseppe F, Cianci E, D'Alimonte I, Morabito C, Centurione L, Antonucci I, Mariggiò MA, Di Pietro R, Ciccarelli R, **Marchisio M**, Romano M, Angelucci S, Pandolfi A. Stem Cells Dev. 2015 Jun 15;24(12):1415-28. doi: 10.1089/scd.2014.0453. Epub 2015 Mar 11. IF=3,777;
28. A SPRY2 mutation leading to MAPK/ERK pathway inhibition is associated with an autosomal dominant form of IgA nephropathy. Milillo A, La Carpia F, Costanzi S, D'Urbano V, Martini M, Lanuti P, Vischini G, Larocca LM, **Marchisio M**, Miscia S, Amoroso A, Gurrieri F, Sangiorgi E. Eur J Hum Genet. 2015 Dec;23(12):1673-8. doi: 10.1038/ejhg.2015.52. Epub 2015 Mar 18. IF=4,580;
29. Calcitonin-induced effects on amniotic fluid-derived mesenchymal stem cells. Morabito C, D'Alimonte I, Pierdomenico L, Pipino C, Guarnieri S, Caprara GA, Antonucci I, Ciccarelli R, **Marchisio M**, Pandolfi A, Mariggiò MA. Cell Physiol Biochem. 2015;36(1):259-73. doi: 10.1159/000374069. Epub 2015 May 4. IF=4,652;
30. Human Mesenchymal Stem Cells Reendothelialize Porcine Heart Valve Scaffolds: Novel Perspectives in Heart Valve Tissue Engineering. Lanuti P, Serafini F, Pierdomenico L, Simeone

- P, Bologna G, Ercolino E, Di Silvestre S, Guarnieri S, Canosa C, Impicciatore GG, Chiarini S, Magnacca F, Mariggiò MA, Pandolfi A, **Marchisio M**, Di Giammarco G, Miscia S. *Biores Open Access*. 2015 Jun 1;4(1):288-97. doi: 10.1089/biores.2015.0019. eCollection 2015. IF=no;
31. Endothelial progenitor cells, defined by the simultaneous surface expression of VEGFR2 and CD133, are not detectable in healthy peripheral and cord blood. Lanuti P, Rotta G, Almici C, Avvisati G, Budillon A, Doretto P, Malara N, Marini M, Neva A, Simeone P, Di Gennaro E, Leone A, Falda A, Tozzoli R, Gregorj C, Di Cerbo M, Trunzo V, Mollace V, **Marchisio M**, Miscia S. *Cytometry A*. 2016 Mar;89(3):259-70. doi: 10.1002/cyto.a.22730. Epub 2015 Aug 25. IF=3,222;
 32. Comparative proteomic profiling of Hodgkin lymphoma cell lines. Vergara D, Simeone P, De Matteis S, Carloni S, Lanuti P, **Marchisio M**, Miscia S, Rizzello A, Napolitano R, Agostinelli C, Maffia M. *Mol Biosyst*. 2016 Jan;12(1):219-32. doi: 10.1039/c5mb00654f. IF=2,781;
 33. Human Periodontal Stem Cells Release Specialized Proresolving Mediators and Carry Immunomodulatory and Prohealing Properties Regulated by Lipoxins. Cianci E, Recchiuti A, Trubiani O, Diomedè F, **Marchisio M**, Miscia S, Colas RA, Dalli J, Serhan CN, Romano M. *Stem Cells Transl Med*. 2016 Jan;5(1):20-32. doi: 10.5966/sctm.2015-0163. Epub 2015 Nov 25. IF=4,000;
 34. Microparticles as new markers of cardiovascular risk in diabetes and beyond. Santilli F, **Marchisio M**, Lanuti P, Boccatonda A, Miscia S, Davì G. *Thromb Haemost*. 2016 Aug 1;116(2):220-34. doi: 10.1160/TH16-03-0176. Epub 2016 May 12. Review. IF=5,627;
 35. Identification of the zinc finger 216 (ZNF216) in human carcinoma cells: a potential regulator of EGFR activity. Mincione G, Di Marcantonio MC, Tarantelli C, Savino L, Ponti D, **Marchisio M**, Lanuti P, Sancilio S, Calogero A, Di Pietro R, Muraro R. *Oncotarget*. 2016 Nov 15;7(46):74947-74965. doi: 10.18632/oncotarget.12509. IF=5,168;
 36. The secretome of periodontal ligament stem cells from MS patients protects against EAE. Rajan TS, Giaccoppo S, Diomedè F, Ballerini P, Paolantonio M, **Marchisio M**, Piattelli A, Bramanti P, Mazzon E, Trubiani O. *Sci Rep*. 2016 Dec 7;6:38743. doi: 10.1038/srep38743. IF=4,259;
 37. Cannabidiol Modulates the Immunophenotype and Inhibits the Activation of the Inflammasome in Human Gingival Mesenchymal Stem Cells. Libro R, Scionti D, Diomedè F, **Marchisio M**, Grassi G, Pollastro F, Piattelli A, Bramanti P, Mazzon E, Trubiani O. *Front Physiol*. 2016 Nov 24;7:559. eCollection 2016. IF=4,134;
 38. Responses of peripheral blood mononuclear Cells to moderate exercise and hypoxia. Morabito C, Lanuti P, Caprara GA, Guarnieri S, Verratti V, Ricci G, Catizone A, Marchisio m, Fanò-illic G, Mariggiò MA. *Scandinavian Journal of Medicine & Science in Sports*. 2016 Oct 26;10:1188-99. doi:10.1111/sms.12557. IF=3,331;
 39. Osteogenic Differentiation of Mesenchymal Stromal Cells: A Comparative Analysis Between Human Subcutaneous Adipose Tissue and Dental Pulp. D'Alimonte I, Mastrangelo F, Giuliani P, Pierdomenico L, **Marchisio M**, Zuccarini M, Di Iorio P, Quaresima R, Caciagli F, Ciccarelli R. *Stem Cells Dev*. 2017 Jun 1;26(11):843-855. doi: 10.1089/scd.2016.0190. Epub 2017 Mar 13. IF=3,315;
 40. The acute impact of high-dose lipid-lowering treatment on endothelial progenitor cells in patients with coronary artery disease-The REMEDY-EPC early substudy. Madonna R, Renna FV, Lanuti P, Perfetti M, **Marchisio M**, Briguori C, Condorelli G, Manzoli L, De Caterina R. *PLoS One*. 2017 Apr 10;12(4):e0172800. doi: 10.1371/journal.pone.0172800. eCollection 2017. IF=2,766;
 41. Stemness Maintenance Properties in Human Oral Stem Cells after Long-Term Passage. Diomedè F, Rajan TS, Gatta V, D'Aurora M, Merciaro I, **Marchisio M**, Muttini A, Caputi S, Bramanti P, Mazzon E, Trubiani O. *Stem Cells Int*. 2017;2017:5651287. doi: 10.1155/2017/5651287. Epub 2017 Apr 2. IF=3,989;
 42. Liraglutide mitigates TNF- α induced pro-atherogenic changes and microvesicle release in HUVEC from diabetic women. Di Tomo P, Lanuti P, Di Pietro N, Baldassarre MPA, **Marchisio**

- M**, Pandolfi A, Consoli A, Formoso G. *Diabetes Metab Res Rev*. 2017 Nov;33(8). doi: 10.1002/dmrr.2925. Epub 2017 Sep 6. IF=3,904;
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