

Prof. Paola Sinibaldi in Salimei

## CURRICULUM VITAE

PROF. PAOLA SINIBALDI in SALIMEI

Professore Associato

Patologia Clinica MED/05

Dipartimento di Biomedicina e Prevenzione

Facoltà di Medicina e Chirurgia

Responsabile Laboratorio di Patologia Clinica stanza 209, II piano, Edificio Fsud, Facoltà di Medicina e Chirurgia

### Incarichi attuali

Presidente del Corso di Laurea Magistrale “Physical Activity and Health Promotion”

Referente scientifico dell’Erasmus+International Credit Mobility con l’Albania

Supervisore progetto Dottorato in Cotutela tra:

-Università Federale di Minas Gerais, PhD in riabilitazione presso la Facoltà di Fisioterapia, Attività Fisica e Terapia

Occupazionale Belo Horizonte Brasile

-Università di Roma Tor Vergata, PhD in Neuroscienze Facoltà di Medicina e Chirurgia

Responsabile del Progetto Nutrizione e Attività fisica tra:

-Università Federale del Paraná Dipartimento di Nutrizione e Dipartimento di Attività Fisica, Curitiba, Brasile

-Università di Roma Tor Vergata, Dipartimento di Biomedicina e Prevenzione

Coordinatore del Programma mobilita studenti di Medicina e Chirurgia tra:

-Università George Washington ,Washington USA

-Università di Roma Tor Vergata

Progetto IC-LOC

Centro interdipartimentale ed interfacoltà di Studi Avanzati sulle applicazioni dei lab-on-chip e organ-on-chip

Pubblicazioni

dal

2000

[1-Amyloid-β42/Neurogranin Ratio as a Potential Index for Cognitive Impairment in Parkinson's Disease.](#)

Sancesario GM, Di Lazzaro G, Alwardat M, Biticchi B, Basile V, Salimei C, Colona VL, **Sinibaldi Salimei P**, Bernardini S, Mercuri NB, Pisani A, Schirinzi T. *J Alzheimers Dis.* 2020 Jun 22. doi: 10.3233/JAD-200344. Online ahead of print. PMID: 32597810

**2-[The influence of postural deformities on neck function and pain in patients with Parkinson's disease.](#)**

Alwardat M, Schirinzi T, Di Lazzaro G, Franco D, Imbriani P, **Sinibaldi Salimei P**, Mercuri NB, Pisani A. *NeuroRehabilitation.* 2019;44(1):79-84. doi: 10.3233/NRE-182505. PMID: 30741700 Clinical Trial.

**3-[Proposed Tandem Effect of Physical Activity and Sirtuin 1 and 3 Activation in Regulating Glucose Homeostasis.](#)**

Pacifici F, Di Cola D, Pastore D, Abete P, Guadagni F, Donadel G, Bellia A, Esposito E, Salimei C, **Sinibaldi Salimei P**, Ricordi C, Lauro D, Della-Morte D. *Int J Mol Sci.* 2019 Sep 25;20(19):4748. doi: 10.3390/ijms20194748. PMID: 31557786 **Free PMC article.** Review

**4-[Association between physical activity and dementia's risk factors in patients with Parkinson's disease.](#)**

Alwardat M, Schirinzi T, Di Lazzaro G, Sancesario GM, Franco D, Imbriani P, **Sinibaldi Salimei P**, Bernardini S, Mercuri NB, Pisani A. *J Neural Transm (Vienna).* 2019 Mar;126(3):319-325. doi: 10.1007/s00702-019-01979-0. Epub 2019 Feb 12. PMID: 30746564

**5-[The effect of postural deformities on back function and pain in patients with Parkinson's disease.](#)**

Alwardat M, Schirinzi T, Di Lazzaro G, Franco D, **Sinibaldi Salimei P**, Mercuri NB, Pisani A. *NeuroRehabilitation.* 2019;44(3):419-424. doi: 10.3233/NRE-182637. PMID: 31177242 Clinical Trial.

**6-[Dietary Vitamin E as a Protective Factor for Parkinson's Disease: Clinical and Experimental Evidence.](#)**

Schirinzi T, Martella G, Imbriani P, Di Lazzaro G, Franco D, Colona VL, Alwardat M, **Sinibaldi Salimei P**, Mercuri NB, Pierantozzi M, Pisani A. *Front Neurol.* 2019 Feb 26;10:148. doi: 10.3389/fneur.2019.00148. eCollection 2019. PMID: 30863359 **Free PMC article.**

**7-[Effectiveness of robot-assisted gait training on motor impairments in people with Parkinson's disease: a systematic review and meta-analysis.](#)**

Alwardat M, Etoom M, Al Dajah S, Schirinzi T, Di Lazzaro G, **Sinibaldi Salimei P**, Biagio Mercuri N, Pisani A. *Int J Rehabil Res.* 2018 Dec;41(4):287-296. doi: 10.1097/MRR.0000000000000312. PMID: 30119060

**8-[Lean body mass: reference values for Italian population between 18 to 88 years old.](#)**

de Mesquita Barros Almeida Leite C, Di Renzo L, **Sinibaldi Salimei P**, Gualtieri P, Madalozo Schieferdecker ME, Vilela RM, Ghizoni Teive HA, Frehner C, Taconeli CA, Cabral A, Merra G, De Lorenzo A. *Eur Rev Med Pharmacol Sci.* 2018 Nov;22(22):7891-7898. doi: 10.26355/eurrev\_201811\_16415. PMID: 30536335 **Free article.**

**9- Influence of FTO rs9939609 and Mediterranean diet on body composition and weight loss: a randomized clinical trial.**

Di Renzo L, Cioccoloni G, Falco S, Abenavoli L, Moia A, **Sinibaldi Salimei P**, De Lorenzo A.J Transl Med. 2018 Nov 12;16(1):308. doi: 10.1186/s12967-018-1680-7.PMID: 30419927 **Free PMC article.** Clinical Trial

**10- Effects of long-term stimulation of textured insoles on postural control in health elderly.**

Annino G, Palazzo F, Alwardat MS, Manzi V, Lebone P, Tancredi V, **Sinibaldi Salimei P**, Caronti A, Panzarino M, Padua E.J Sports Med Phys Fitness. 2018 Apr;58(4):377-384. doi: 10.23736/S0022-4707.16.06705-0. Epub 2016 Sep 15.PMID: 27627989

**11- Association between hypertension and metabolic disorders among elderly patients in North Jordan.**

Alwardat N, Di Renzo L, de Miranda RC, Alwardat S, **Sinibaldi Salimei P**, De Lorenzo A.Diabetes Metab Syndr. 2018 Sep;12(5):661-666. doi: 10.1016/j.dsx.2018.04.011. Epub 2018 Apr 12.PMID: 29678607

**12- Comments on: "Effect of resveratrol on lipid profile: An updated systematic review and meta-analysis on randomized clinical trials".**

Alwardat N, Di Renzo L, Alwardat S, **Sinibaldi Salimei P**, De Lorenzo A.Pharmacol Res. 2018 Jul;133:315-316. doi: 10.1016/j.phrs.2018.04.006. Epub 2018 Apr 12.PMID: 29656004 No abstract available.

**13- Letter to the Editor on "Systematic Review of Three Electrical Stimulation Techniques for Rehabilitation After Total Knee Arthroplasty".**

Alwardat M, Etoom M, **Sinibaldi Salimei P**.J Arthroplasty. 2018 Aug;33(8):2696-2697. doi: 10.1016/j.arth.2018.03.034. Epub 2018 Mar 30.PMID: 29691179 No abstract available.

**14- Alcoholic Beverage and Meal Choices for the Prevention of Noncommunicable Diseases: A Randomized Nutrigenomic Trial.**

Di Renzo L, Cioccoloni G, **Sinibaldi Salimei P**, Ceravolo I, De Lorenzo A, Gratteri S.Oxid Med Cell Longev. 2018 Jun 27;2018:5461436. doi: 10.1155/2018/5461436. eCollection 2018.PMID: 30050655 **Free PMC article.** Clinical Trial.

**15- Evidences of a New Psychobiotic Formulation on Body Composition and Anxiety.**

Colica C, Avolio E, Bollero P, Costa de Miranda R, Ferraro S, **Sinibaldi Salimei P**, De Lorenzo A, Di Renzo L.Mediators Inflamm. 2017;2017:5650627. doi: 10.1155/2017/5650627. Epub 2017 Sep 24.PMID: 29147070 **Free PMC article.** Clinical Trial.

**16- Antioxidant Effects of a Hydroxytyrosol-Based Pharmaceutical Formulation on Body Composition, Metabolic State, and Gene Expression: A Randomized Double-Blinded, Placebo-Controlled Crossover Trial.**

Colica C, Di Renzo L, Trombetta D, Smeriglio A, Bernardini S, Cioccoloni G, Costa de Miranda R, Gualtieri P, **Sinibaldi Salimei P**, De Lorenzo A.Oxid Med Cell Longev. 2017;2017:2473495. doi: 10.1155/2017/2473495. Epub 2017 Aug 9.PMID: 28855976 **Free PMC article.** Clinical

Trial.

**17- Training-Load Distribution in Endurance Runners: Objective Versus Subjective Assessment.**

Manzi V, Bovenzi A, Castagna C, **Sinibaldi Salimei P**, Volterrani M, Iellamo F. *Int J Sports Physiol Perform.* 2015 Nov;10(8):1023-8. doi: 10.1123/ijssp.2014-0557. Epub 2015 Mar 24. PMID: 25803237 Clinical Trial

**18- Sphingosine kinase 1 overexpression is regulated by signaling through PI3K, AKT2, and mTOR in imatinib-resistant chronic myeloid leukemia cells.**

Marfe G, Di Stefano C, Gambacurta A, Ottone T, Martini V, Abruzzese E, Mologni L, **Sinibaldi-Salimei P**, de Fabritis P, Gambacorti-Passerini C, Amadori S, Birge RB. *Exp Hematol.* 2011 Jun;39(6):653-665.e6. doi: 10.1016/j.exphem.2011.02.013. Epub 2011 Mar 8. PMID: 21392556

**19- Pyrrolo[1,2-b][1,2,5]benzothiadiazepines (PBTDs) exert their anti-proliferative activity by interfering with Akt-mTOR signaling and bax:bcl-2 ratio modulation in cells from chronic myeloid leukemic patients.**

Di Stefano C, Marfe G, Trawinska MM, **Sinibaldi-Salimei P**, Silvestri R, Amadori S, Abruzzese E. *Cancer Sci.* 2010 Apr;101(4):991-1000. doi: 10.1111/j.1349-7006.2010.01490.x. PMID: 20704577 **Free article.**

**20- Kaempferol induces apoptosis in two different cell lines via Akt inactivation, Bax and SIRT3 activation, and mitochondrial dysfunction.**

Marfe G, Tafani M, Indelicato M, **Sinibaldi-Salimei P**, Reali V, Pucci B, Fini M, Russo MA. *J Cell Biochem.* 2009 Mar 1;106(4):643-50. doi: 10.1002/jcb.22044. PMID: 19160423

**21- Sorbitol-induced apoptosis of human leukemia is mediated by caspase activation and cytochrome c release.**

Marfè G, Morgante E, Di Stefano C, Di Renzo L, De Martino L, Iovane G, Russo MA, **Sinibaldi-Salimei P**. *Arch Toxicol.* 2008 Jun;82(6):371-7. doi: 10.1007/s00204-007-0261-y. Epub 2007 Nov 29. PMID: 18046541

**22- PYRROLO[1,2-b][1,2,5]BENZOTHIADIAZEPINES (PBTDs) induce apoptosis in K562 cells.**

Marfe G, Di Stefano C, Silvestri R, Abruzzese E, Catalano G, Di Renzo L, Filomeni G, Giorda E, La Regina G, Morgante E, Ciriolo MR, Russo MA, Amadori S, **Sinibaldi-Salimei P**. *BMC Cancer.* 2007 Nov 9;7:207. doi: 10.1186/1471-2407-7-207. PMID: 17996085 **Free PMC artic**

**23- Antiapoptotic activity of bovine herpesvirus type-1 (BHV-1) UL14 protein.**

De Martino L, Marfe G, Consalvo MI, Di Stefano C, Pagnini U, **Sinibaldi-Salimei P**. *Vet Microbiol.* 2007 Jul 20;123(1-3):210-6. doi: 10.1016/j.vetmic.2007.02.026. Epub 2007 Feb 28. PMID: 17408888

**24- The interference of rosmarinic acid in the DNA fragmentation induced by osmotic shock.**

**Salimei PS**, Marfè G, Di Renzo L, Di Stefano C, Giganti MG, Filomeni G, Ciriolo MR. *Front Biosci.* 2007 Jan 1;12:1308-17. doi: 10.2741/2149. PMID: 17127383

**25- Reactive oxygen and nitrogen species are involved in sorbitol-induced apoptosis of human erythroleukaemia cells K562.**

Aquilano K, Filomeni G, Di Renzo L, Vito Md, Stefano Cd, **Salimei PS**, Ciriolo MR, Marfè G. Free Radic Res. 2007 Apr;41(4):452-60. doi: 10.1080/10715760601134459.PMID: 17454127

**26- Pyrrolo[1,2-b][1,2,5]benzothiadiazepines (PBTDs): A new class of agents with high apoptotic activity in chronic myelogenous leukemia K562 cells and in cells from patients at onset and who Degenerate PCR method for identification of an antiapoptotic gene in BHV-1.** Marfè G, De Martino L, Filomeni G, Di Stefano C, Giganti MG, Pagnini U, Napolitano F, Iovane G, Ciriolo MR, **Salimei PS.** J Cell Biochem. 2006 Mar 1;97(4):813-23. doi: 10.1002/jcb.20636.PMID: 16237705

**were imatinib-resistant.**

**27-** Silvestri R, Marfè G, Artico M, La Regina G, Lavecchia A, Novellino E, Morgante E, Di Stefano C, Catalano G, Filomeni G, Abruzzese E, Ciriolo MR, Russo MA, Amadori S, Cirilli R, La Torre F, **Sinibaldi Salimei P.** J Med Chem. 2006 Sep 21;49(19):5840-4. doi: 10.1021/jm0602716.PMID: 16970408

**28- Effect of extremely low frequency electromagnetic fields (ELF-EMF) on Kaposi's sarcoma-associated herpes virus in BCBL-1 cells.**

Pica F, Serafino A, Divizia M, Donia D, Frascchetti M, **Sinibaldi-Salimei P**, Giganti MG, Volpi A. Bioelectromagnetics. 2006 Apr;27(3):226-32. doi: 10.1002/bem.20198.PMID: 16342195

**29- Efficient production by sperm-mediated gene transfer of human decay accelerating factor (hDAF) transgenic pigs for xenotransplantation.**

Lavitrano M, Bacci ML, Forni M, Lazzereschi D, Di Stefano C, Fioretti D, Giancotti P, Marfé G, Pucci L, Renzi L, Wang H, Stoppacciaro A, Stassi G, Sargiacomo M, **Sinibaldi P**, Turchi V, Giovannoni R, Della Casa G, Seren E, Rossi G. Proc Natl Acad Sci U S A. 2002 Oct 29;99(22):14230-5. doi: 10.1073/pnas.222550299. Epub 2002 Oct 22. PMID: 12393815 **Free PMC article.**

**30- Peripheral nerve extracellular matrix remodeling in Charcot-Marie-Tooth type I disease.**

Palumbo C, Massa R, Panico MB, Di Muzio A, **Sinibaldi P**, Bernardi G, Modesti A. Acta Neuropathol. 2002 Sep;104(3):287-96. doi: 10.1007/s00401-002-0558-0. Epub 2002 May 16. PMID: 12172915

**31- Bioelectrical impedance measures in different position and vs dual-energy X-ray absorptiometry (DXA).**

Andreoli A, Melchiorri G, De Lorenzo A, Caruso I, **Sinibaldi Salimei P**, Guerrisi M. J Sports Med Phys Fitness. 2002 Jun;42(2):186-9. PMID: 12032414

**32- Retinoic acid inhibits fibronectin and laminin synthesis and cell migration of human pleural mesothelioma in vitro.**

Scarpa S, Giuffrida A, Palumbo C, Coletti A, Cerrito MG, Vasaturo F, **Sinibaldi P**, Simonelli L, Procopio A, Modesti A. Oncol Rep. 2002 Jan-Feb;9(1):205-9. PMID: 11748484

**33- [Determination of the blood ascorbic acid level after administration of slow-release vitamin C].**

De Lorenzo A, Andreoli A, Sinibaldi Salimei P, D'Orazio, Guidi A, Ghiselli A. Clin Ter. 2001 Mar-Apr;152(2):87-90. PMID: 11441529 Clinical Trial. Italian.

**34- Efficiency of transgenesis using sperm-mediated gene transfer: generation of hDAF transgenic pigs.**

Lazzereschi D, Forni M, Cappello F, Bacci ML, Di Stefano C, Marfé G, Giancotti P, Renzi L, Wang HJ, Rossi M, Della Casa G, Pretagostini R, Frati G, Bruzzone P, Stassi G, Stoppacciaro A, Turchi V, Cortesini R, **Sinibaldi P**, Frati L, Lavitrano M. Transplant Proc. 2000 Aug;32(5):892-4. doi: 10.1016/s0041-1345(00)01177-5. PMID: 10936262 No abstract available.

**35- hDAF expression in hearts of transgenic pigs obtained by sperm-mediated gene transfer.**

Cappello F, Stassi G, Lazzereschi D, Renzi L, Di Stefano C, Marfé G, Giancotti P, Wang HJ, Stoppacciaro A, Forni M, Bacci ML, Turchi V, **Sinibaldi P**, Rossi M, Bruzzone P, Pretagostini R, Della Casa G, Cortesini R, Frati L, Lavitrano M. Transplant Proc. 2000 Aug;32(5):895-6. doi: 10.1016/s0041-1345(00)01176-3. PMID: 10936263 No abstract available