



## CURRICULUM VITAE

### INFORMAZIONI PERSONALI

<b>Cognome/Nome</b>	<b>Piccoli Claudia</b>
<b>Profilo Professionale</b>	Professore ordinario Biochimica
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### TITOLI DI STUDIO E PROFESSIONALI ED ESPERIENZE LAVORATIVE

<b>Titolo di studio</b>	Laurea in Scienze Biologiche
<b>Altri titoli di studio e professionali</b>	Specializzazione in Patologia Clinica
<b>Capacità linguistiche</b>	Ottima conoscenza della lingua inglese scritta e parlata
<b>Capacità nell'uso delle tecnologie</b>	Ottima conoscenza delle principali tecnologie
<b>Altro (partecipazione a convegni, seminari, pubblicazioni, collaborazioni e riviste, ecc..., ed ogni altra informazione che il dirigente ritiene di dover pubblicare)</b>	<p><b>PUBBLICAZIONI ULTIMI 10 ANNI</b></p> <ol style="list-style-type: none"><li>1. Pacelli C, Cerbo AD, Lecce L, Piccoli C, Canello S, Guidetti G, Capitano N. Effect of Chicken Bone Extracts on Metabolic and Mitochondrial Functions of K562 Cell Line. <i>Pharmaceuticals (Basel)</i>. 2020 Jun 2;13(6):E114 (IF 1.2)</li><li>2. Troiano A, Pacelli C, Ruggieri V, Scrima R, Addeo M, Agriesti F, Lucci V, Cavaliere G, Mollica MP, Caterino M, Ruoppolo M, Paladino S, Sarnataro D, Visconte F, Tucci F, Lopriore P, Calabrò V, Capitano N, Piccoli C, Falco G. ZSCAN4+ mouse embryonic stem cells have an oxidative and flexible metabolic profile. <i>EMBO Rep</i>. 2020 Jun 4;21(6):e48942. (IF 8.3)</li><li>3. Agriesti F, Tataranni T, Pacelli C, Scrima R, Laurenzana I, Ruggieri V, Cela O, Mazzoccoli C, Salerno M, Sessa F, Sani G, Pomara C, Capitano N, Piccoli C. Nandrolone induces a stem cell-like phenotype in human hepatocarcinoma-derived cell line inhibiting mitochondrial respiratory activity. <i>Sci Rep</i>. 2020 Feb 10;10(1):2287 (IF 4,12);</li><li>4. Imperatore C, Della Sala G, Casertano M, Luciano P, Aiello A, Laurenzana I, Piccoli C, Menna M. In Vitro Antiproliferative Evaluation of Synthetic Meroterpenes Inspired by Marine Natural Products. <i>Mar Drugs</i>. 2019 Dec 5;17(12):684. (IF 4.37)</li><li>5. Teta R, Sala GD, Esposito G, Via CW, Mazzoccoli C, Piccoli C, Bertin MJ, Costantino V, Mangoni A. A joint molecular networking study of a Smenospongia sponge and a cyanobacterial bloom revealed new antiproliferative chlorinated polyketides. <i>Org Chem Front</i>. 2019 Jun 7;6(11):1762-1774 (IF=5,07)</li><li>6. Tataranni T, Piccoli C. Dichloroacetate (DCA) and Cancer: An Overview towards Clinical Applications. <i>Oxid Med Cell Longev</i>. 2019 Nov 14;2019 (IF=4,9)</li><li>7. Zefferino R, Piccoli C, Gioia SD, Capitano N, Conese M. Gap Junction Intercellular Communication in the Carcinogenesis Hallmarks: Is This a Phenomenon or Epiphenomenon? <i>Cells</i>. 2019 Aug 14;8(8). pii: Review.(IF=4,82)</li><li>8. Pacelli C, Rotundo G, Lecce L, Menga M, Bidollari E, Scrima R, Cela O, Piccoli C, Cocco T, Vescovi AL, Mazzoccoli G, Rosati J, Capitano N. Parkin Mutation Affects Clock Gene-Dependent Energy Metabolism. <i>Int J Mol Sci</i>. 2019 Jun 5;20(11) (IF 4.18)</li><li>9. Tiziana Tataranni<sup>1</sup>, Francesca Agriesti<sup>2</sup>, Consiglia Pacelli<sup>3</sup>, Vitalba Ruggieri<sup>4</sup>, Iliana Laurenzana<sup>5</sup>, Carmela Mazzoccoli<sup>6</sup>, Concetta Panebianco<sup>7</sup>, Valerio Paziienza<sup>8</sup>, Nazzareno Capitano<sup>9</sup> and Claudia Piccoli*. Dichloroacetate affects mitochondrial physiology and stemness-associated properties in pancreatic cancer cell lines <i>Cells</i>. 2019 May 18;8(5) (IF 4.82)</li><li>10. Tataranni T, Mazzoccoli C, Agriesti F, Laurenza I, Simeon V, De Luca L, Ruggieri V., Pacelli C., Della Sala G., Musto P., Capitano N., Piccoli C Deferasirox Induces ROS-mediated Interferon-Stimulated Genes expression in human hematopoietic Stem/progenitor cells and in Acute Myeloid Leukemia cells. <i>(Stem Cell Res Ther</i>. 2019 Jun 13;10(1) (IF 4.9)</li><li>11. Lautrup S, Caponio D, Cheung HH, Piccoli C, Stevnsner T, Chan WY, Fang</li></ol>

- EF. Studying Werner syndrome to elucidate mechanisms and therapeutics of human aging and age-related diseases. *Biogerontology*. 2019 Jan 21. Review. (IF 3.7)
12. Della Sala G, Agriesti F, Mazzoccoli C, Tataranni T, Costantino V, Piccoli C. Clogging the Ubiquitin-Proteasome Machinery with Marine Natural Products: Last Decade Update. *Mar Drugs*. 2018 Nov 26;16(12). Review. (IF 4.37)
13. Piccoli C, Capitanio N. Mitochondria confirmed as drivers of HSC fate. *Blood*. 2018 Aug 30;132(9):878-880. doi: 10.1182/blood-2018-07-861708. No abstract available. IF 13.16
14. Lasalvia M, Scrima R, Perna G, Piccoli C, Capitanio N, Biagi PF, Schiavulli L, Ligonzo T, Centra M, Casamassima G, Ermini A, Capozzi V. Exposure to 1.8 GHz electromagnetic fields affects morphology, DNA-related Raman spectra and mitochondrial functions in human lympho-monocytes. *PLoS One*. 2018 Jun 7;13(6): (IF 2.66)
15. Scrima R, Piccoli C, Moradpour D, Capitanio N. Targeting Endoplasmic Reticulum and/or Mitochondrial Ca<sup>2+</sup> Fluxes as Therapeutic Strategy for HCV Infection. *Front Chem*. 2018 Mar 21;6:73. IF 4.15
16. Zefferino R, Piccoli C, Ricciardi N, Scrima R, Capitanio N Possible Mechanisms of Mercury Toxicity and Cancer Promotion: Involvement of Gap Junction Intercellular Communications and Inflammatory Cytokines. *Oxid Med Cell Longev*. 2017;2017:7028583. doi: 10.1155/2017/7028583. Epub 2017 Dec 21. Review. (IF=4,59)
17. Menga M, Trotta R, Scrima R, Pacelli C, Silvestri V, Piccoli C, Capitanio N, Liso A Febrile temperature reprograms by redox-mediated signaling the mitochondrial metabolic phenotype in monocyte-derived dendritic cells. *Biochim Biophys Acta*. 2017 Dec 12;1864(3):685-699. doi: 10.1016/j.bbadis.2017.12.010. (IF=4,7)
18. Scrima R, Menga M, Pacelli C, Agriesti F, Cela O, Piccoli C, Cotoia A, De Gregorio A, Geffer JV, Cinnella G, Capitanio N. Para-hydroxyphenylpyruvate inhibits the pro-inflammatory stimulation of macrophage preventing LPS-mediated nitro-oxidative unbalance and immunometabolic shift. *PLoS One*. 2017 Nov 27;12(11) (IF=2.8)
19. La Regina G, Bai R, Coluccia A, Famigliani V, Passacantilli S, Naccarato V, Ortar G, Mazzoccoli C, Ruggieri V, Agriesti F, Piccoli C, Tataranni T, Nalli M, Brancale A, Vultaggio S, Mercurio C, Varasi M, Saponaro C, Sergio S, Maffia M, Coluccia AML, Hamel E, Silvestri R. 3-Aroyl-1,4-diarylpyrroles Inhibit Chronic Myeloid Leukemia Cell Growth through an Interaction with Tubulin. *ACS Med Chem Lett*. 2017 Apr 26;8(5):521-526. doi: 10.1021/acsmedchemlett.7b00022. eCollection 2017 May 11. (IF=3,74)
20. Tataranni T, Agriesti F, Ruggieri V, Mazzoccoli C, Simeon V, Laurenzana I, Scrima R, Paziienza V, Capitanio N, Piccoli C. Rewiring carbohydrate catabolism differentially affects survival of pancreatic cancer cell lines with diverse metabolic profiles. *Oncotarget*. 2017 Jun 20;8(25):41265-41281. (IF=5,8)
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23. Mazzoccoli C, Ruggieri V, Tataranni T, Agriesti F, Laurenzana I, Fratello A, Capitanio N, Piccoli C. N-acetylaspartate (NAA) induces neuronal differentiation of SH-SY5Y neuroblastoma cell line and sensitizes it to chemotherapeutic agents. *Oncotarget*. 2016 Mar 29 (IF 6,63)
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25. Tataranni T, Agriesti F, Mazzoccoli C, Ruggieri V, Scrima R, Laurenzana I, D'Auria F, Falzetti F, Di Ianni M, Musto P, Capitanio N, Piccoli C. The iron chelator deferasirox affects redox signalling in haematopoietic stem/progenitor cells. *Br J Haematol*. 2015 Mar 30 (IF 4,95)
26. Ruggieri V, Agriesti F, Scrima R, Laurenzana I, Perrone D, Tataranni T, Mazzoccoli C, Lo Muzio L, Capitanio N, Piccoli C. Dichloroacetate, a selective mitochondria-targeting drug for oral squamous cell carcinoma: a metabolic perspective of treatment. *Oncotarget*. 2015 Jan 20;6(2):1217-30 (IF 6,63)
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28. Ferretta A, Gaballo A, Tanzarella P, Piccoli C, Capitanio N, Nico B, Annesse T, Di Paola M, Dell'aquila C, De Mari M, Ferranini E, Bonifati V, Pacelli C, Cocco T. Effect of resveratrol on mitochondrial function: implications in parkin-associated familial Parkinson's disease. *Biochim Biophys Acta*. 2014 Jul;1842(7) (IF 4,5)
29. Quarato G, Scrima R, Ripoli M, Agriesti F, Moradpour D, Capitanio N, Piccoli

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34. Roberto Ria , Ivana Catacchio , Simona Berardi , Annunziata De Luisi , Antonella Caivano , Claudia Piccoli , Vitalba Ruggieri , Maria A. Frassanito , Domenico Ribatti , Beatrice Nico , Tiziana Annese , Simona Ruggieri , Attilio Guarini , Carla Minoia , Paolo Ditonno , Emanuele Angelucci , Daniele Derudas , Michele Moschetta , Franco Dammacco, Angelo Vacca. HIF1 $\alpha$  of bone marrow endothelial cells implies relapse and drug resistance in multiple myeloma and may act as a therapeutic target. *Clinical Cancer Research* 2014 Feb 15;20(4):847-58 (IF 7,8)

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36. Vitalba Ruggieri, Carmela Mazzoccoli, Valerio Paziienza, Angelo Andriulli, Nazzareno Capitanio, Claudia Piccoli. HCV, mitochondria and auto/mitophagy: exploiting a host defence mechanism *WJG* 2013 (IF 2,5)

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41. Piccoli C, D'Aprile A, Scrima R, Ambrosi L, Zefferino R, Capitanio N. Subcytotoxic mercury chloride inhibits gap junction intercellular communication by a redox- and phosphorylation-mediated mechanism. *Free Radic Biol Med.* 2012 Mar 1;52(5):916-27 (IF=5.7)

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La sottoscritta nata a Foggia il 08/05/1969, consapevole delle sanzioni previste dall'art.76 DPR 28.12.2000 n.445 per il caso di dichiarazioni mendaci e falsità in atti, sotto propria responsabilità, dichiara ai sensi degli artt. 46 e 47 DPR 445/2000 che quanto contenuto nel presente curriculum corrisponde a verità. Inoltre, presta l'autorizzazione al trattamento dei dati personali, secondo quanto previsto dal regolamento UE 2016/679 e dal D. Lgs. n. 196/2003 e alla pubblicazione sul sito dell'Azienda nella sezione apposita "Amministrazione trasparente".

Foggia, 24.06.2020

**F.to Claudia Piccoli**