

PERSONAL INFORMATION

Francesca Rossi



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Sex Female | Date of birth 07/08/1976 | Nationality Italian

Enterprise	University	EPR
☐ Management Level	☒ Full professor	☐ Research Director and 1st level Technologist / First Researcher and 2nd level Technologist / Principal Investigator
☐ Mid-Management Level	☐ Associate Professor	☐ Level III Researcher and Technologist
☐ Employee / worker level	☐ Researcher and Technologist of IV, V, VI and VII level / Technical collaborator	☐ Researcher and Technologist of IV, V, VI and VII level / Technical collaborator

WORK EXPERIENCE

From 2020 to date	Full Professor in Pediatrics Department of Woman, Child and of General and Specialist Surgery, University of Campania Luigi Vanvitelli Teaching activity in PHD, Master's Degree Course, Bachelor's Degree Course, School of Specialization Head of the research group "Pediatric Onco-Hematology" (https://www.dipdbc.unicampania.it/) Department Referent for: Research Quality, Research Activities, Third Mission Activities, VQR Procedure, IRIS database, SUA-RD (https://www.dipdbc.unicampania.it/)
From 2015 to 2020	Associate Professor in Pediatrics Department of Woman, Child and of General and Specialist Surgery, University of Campania Luigi Vanvitelli Teaching activity in PHD, Master's Degree Course, Bachelor's Degree Course, School of Specialization Head of IPAS "Haematological Diseases of Paediatric Interest" (https://www.policliniconapoli.it)
From 2004-2015	Researcher Department of Woman, Child and of General and Specialist Surgery, Second University of Naples, Italy. Translational activity with the main focus on Pediatric Hematological Diseases and Cancer
From 2010 to 2013	PI of clinical and research program "Strategie per l'ottimizzazione del trapianto aploidentico in pazienti pediatrici" Department of Onco-hematology and Transfusion Medicine, Bambino Gesù Hospital, Rome, Italy Scientific activity Coordinator
From October to December 2009	Clinical and Research Activity Department of Pediatric Onco-hematology "Policlinico San Matteo, Pavia, Italy
From January to April 2006	Research Activity Department of Internal Medicine (Granelli section) - Faculty of Medicine and Surgery, University of Milan, Italy

EDUCATION AND TRAINING

October 2005	Specialization Degree in Pediatrics (5 years) Faculty of Medicine and Surgery, Second University of Naples, Italy. Management of physical, emotional and social health of children from birth to young adulthood	50/50 cum laude
2004	Fellowship Department of Pediatric Onco-hematology Policlinico San Matteo Pavia, Italy Clinical practice on hematopoietic stem cells transplantation in paediatric diseases	
2002	Fellowship Sbarro Institute for Cancer Research and Molecular Medicine - Temple University - Philadelphia, USA Cellular and molecular biology	
July 2000	Graduation Degree in Medicine (6 years) Medical School, Second University of Naples, Italy	110/110 cum laude

WORK ACTIVITIES

Awards	2013 Società Italiana di Farmacologia 2010 O.N.Da (Osservatorio Nazionale sulla Salute della Donna)
Editorial activity	Member of the Editorial Board of Pharmacological Research Reviewer for PLOSone, Oncotarget, Scientific Reports, Current Drug Targets, Cancer Biomarkers Guest Editor for the Special Issue "Frailty in Pediatric and Young Adult Cancer Survivors: From Bench to Bedside"-Cancers
Invited presentations	Invited speaker on topics related to "oncology and hematology" at numerous national meetings of the main scientific societies in the pediatric field, such as Società Italiana di Pediatria (SIP), Federazione Italiana Medici Pediatri (FIMP), Società Italiana di Pediatria Preventiva e Sociale (SIPPS).
Grants (Last 5 years)	• PRIN 2020 (Unit PI) Sirtuin-1 activation and antioxidant-based strategies for boosting exon-skipping efficiency in Duchenne Muscular Dystrophy: combination approach and nutraceuticals in innovative pharmacotherapy" • POR FESR Campania 2014-2020 Asse I "Ricerca e Innovazione" (Collaborator) Identification, Characterization and mining of colorectal tumorigenesis: cause, prevention & cure – iCURE • PON I&C 2014-2020 MISE Agrifood 2019: (PI) "Identificazione di profili di rischio genomici, epigenomici e ambientali per malattie tumorali: efficacia e meccanismo d'azione di cibi bioattivi, micro e macronutrienti sul rischio di tumore (GOod Nutrition for Healthy life - GONHE)" • VAnviteLli pEr la RicErca (VALERE) 2019 (PI) "Inflamm-aging related disorders in CHildrenCAnceR Survivors" • Fondazione Celiachia Bando "FC Fellowships Call for Proposals 2017" (PI) "The role of CB2 receptor in the pathogenesis of celiac disease and associated bone loss" • PRIN 2017 (Unit PI) "New pharmacological strategies modulating PGC1alpha signalling and mitochondrial biogenesis to restore skeletal and cardiac muscle functionality in Duchenne Muscular Dystrophy"
Patents	-2009-Patent: "Profarmacolgalattosilato della n-omega-nitro-l-arginina (nagal) ad uso analgesico ed antinfiammatorio con migliori caratteristiche farmacocinetiche e di tollerabilità del farmaco di partenza" -2007-Patent: "2-FENIL-IMIDAZO[1,2-B]PIRIDAZINE AD ATTIVITÀ ANALGESICA ED ANTIEPILETTICA"

ADDITIONAL INFORMATION

Publications	Total number of publications in peer-review journals: 121; Total Impact Factor (IF): 685,62; Average IF/paper: 5.66 Total number of citations: 3659; H index: 36
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1. Argenziano M, Di Paola A, Tortora C, Di Pinto D, Pota E, Di Martino M, Perrotta S, **Rossi F**, Punzo F. Effects of Iron Chelation in Osteosarcoma. *Curr Cancer Drug Targets*. 2021;21(5):443-455. doi: 10.2174/1568009620666201230090531
2. Punzo F, Tortora C, Argenziano M, Pinto DD, Pota E, Martino MD, Paola AD, **Rossi F**. Can Denosumab be used in combination with Doxorubicin in Osteosarcoma? *Oncotarget*. 2020 Jul 14;11(28):2763-2773. doi: 10.18632/oncotarget.27669.
3. Punzo F, Bellini G, Tortora C, Pinto DD, Argenziano M, Pota E, Paola AD, Martino MD, **Rossi F**. Mifamurtide and TAM-like macrophages: effect on proliferation, migration and differentiation of osteosarcoma cells. *Oncotarget*. 2020 Feb 18;11(7):687-698. doi: 10.18632/oncotarget.27479.
4. Punzo F, Tortora C, Di Pinto D, Pota E, Argenziano M, Di Paola A, Casale F, **Rossi F**. Bortezomib and endocannabinoid/endovanilloid system: a synergism in osteosarcoma. *Pharmacol Res*. 2018 Nov; 137:25-33. doi: 10.1016/j.phrs.2018.09.017.
5. Punzo F, Tortora C, Di Pinto D, Manzo I, Bellini G, Casale F, **Rossi F**. Anti-proliferative, pro-apoptotic and anti-invasive effect of EC/EV system in human osteosarcoma. *Oncotarget*. 2017 Apr 13;8(33):54459-54471. doi: 10.18632/oncotarget.17089.
6. Di Paola A, Palumbo G, Tortora C, Argenziano M, Catanoso M, Di Leva C, Ceglie G, Perrotta S, Locatelli F, **Rossi F**. Eltrombopag in paediatric immune thrombocytopenia: Iron metabolism modulation in mesenchymal stromal cells. *Br J Haematol*. 2021 Dec 28. doi: 10.1111/bjh.18012.
7. **Rossi F**, Tortora C, Palumbo G, Punzo F, Argenziano M, Casale M, Di Paola A, Locatelli F, Perrotta S. CB2 Receptor Stimulation and Dexamethasone Restore the Anti-Inflammatory and Immune-Regulatory Properties of Mesenchymal Stromal Cells of Children with Immune Thrombocytopenia. *Int J Mol Sci*. 2019 Feb 28;20(5):1049. doi: 10.3390/ijms20051049
8. **Rossi F**, Bernardo ME, Bellini G, Luongo L, Conforti A, Manzo I, Guida F, Cristino L, Imperatore R, Petrosino S, Nobili B, Di Marzo V, Locatelli F, Maione S. The cannabinoid receptor type 2 as mediator of mesenchymal stromal cell immunosuppressive properties. *PLoS One*. 2013 Nov 27;8(11):e80022. doi: 10.1371/journal.pone.0080022.
9. Bellini G, Torella M, Manzo I, Tortora C, Luongo L, Punzo F, Colacurci N, Nobili B, Maione S, **Rossi F**. PKC β II-mediated cross-talk of TRPV1/CB2 modulates the glucocorticoid-induced osteoclast overactivity. *Pharmacol Res*. 2017 Jan;115:267-274. doi: 10.1016/j.phrs.2016.11.039.
10. **Rossi F**, Bellini G, Luongo L, Mancusi S, Torella M, Tortora C, Manzo I, Guida F, Nobili B, de Novellis V, Maione S. The 17- β -oestradiol inhibits osteoclast activity by increasing the cannabinoid CB2 receptor expression. *Pharmacol Res*. 2013 Feb;68(1):7-15. doi: 10.1016/j.phrs.2012.10.017.

The complete list of Publication is available on **Scopus Author ID: 35389583000**

