



## Europass Curriculum Vitae

### Personal information

First name / Surname **Prof. Tommaso RUSSO**

Address

Telephone(s)

E-mail **tommaso.russo@unina.it**

Nationality

Date of birth

Gender **Male**

### Work experience

Dates **1995 - present**

Occupation or position held **Professor of Molecular Biology**

Main activities and responsibilities **Research and teaching activity**

Name and address of employer **University of Napoli Federico II, Via Sergio Pansini, 5 – 80131 Napoli (Italia)**

Type of business or sector **Teaching and Research**

Dates **2013-2018**

Occupation or position held **Director of the Department of Molecular Medicine and Medical Biotechnology**

Main activities and responsibilities **Director**

Name and address of employer **University of Napoli Federico II**

Type of business or sector **Research and Teaching**

Dates **2007-2012**

Occupation or position held **Director of the Department of Biochemistry and Medical Biotechnology**

Main activities and responsibilities **Director**

Name and address of employer **University of Napoli Federico II**

Type of business or sector **Research**

Dates **1990 -1995**

Occupation or position held **Professor of Biochemistry**

Main activities and responsibilities **Research and teaching activity**

Name and address of employer **University of Napoli Federico II, Via Sergio Pansini, 5 – 80131 Napoli (Italia)**

Type of business or sector **Teaching and Research**

Dates	1993
Occupation or position held	<b>Visiting scientist</b>
Main activities and responsibilities	Researcher
Name and address of employer	National Cancer Institute - National Institutes of Health, 10 Center Drive Bethesda, United States
Type of business or sector	Research

Dates	1992 - present
Occupation or position held	<b>Head of Sector</b>
Main activities and responsibilities	Medicine Doctor (MD)
Name and address of employer	University Hospital Federico II
Type of business or sector	Laboratory Medicine

Dates	1987-1990
Occupation or position held	<b>Associate Professor of Cellular Biochemistry</b>
Main activities and responsibilities	Research and teaching activity
Name and address of employer	University of Napoli Federico II, Via Sergio Pansini, 5 – 80131 Napoli (Italia)
Type of business or sector	Teaching and Research

Dates	1980-1986
Occupation or position held	<b>Researcher</b>
Main activities and responsibilities	Research activity
Name and address of employer	Italian National Research Council, Via dei Barucci 20 - 50127 Firenze
Type of business or sector	Research

Dates	1976 - 1980
Occupation or position held	<b>Residency</b>
Main activities and responsibilities	Medicine training
Name and address of employer	Division of Oncology, Hospital A. Cardarelli, Via A. Cardarelli n°9, 80131 Napoli
Type of business or sector	Medicine

## Education and training

Dates	1976
Title of qualification awarded	Doctor of Medicine (MD)
Name and type of organisation providing education and training	University of Napoli

## Personal skills and competences

Mother tongue(s)	<b>Specify mother tongue Italian</b>
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Other language(s)

Self-assessment

European level (\*)

English

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient User	C2	Proficient User	C2	Proficient User	C2	Proficient User	C2	Proficient User

(\*) [Common European Framework of Reference for Languages](#)

Social skills and competences

Responsibility, Solidarity, Honesty, Correctitude,

Computer skills and competences

Competent in Microsoft Windows and Apple Macintosh Operating Systems  
- Very good command of Microsoft Office tools (Word, Excel, Access, PowerPoint)  
- Good command of graphic design (Adobe Photoshop)

Additional information

Since 1987, Professor of Biochemistry and of Molecular Biology in the School of Medicine of the University of Napoli Federico II (Laurea in Medicine and Surgery, Dentistry, Human nutrition, Laboratory technician, various post-graduate Specialization Courses, PhD programmes).

Main research grants

1990-95	M.U.R.S.T. ex 40% "Struttura e regolazione dell'espressione di geni eucarioti"
1991-95	C.N.R. Progetto Finalizzato Ingegneria Genetica "Regolazione tessuto-specifica di geni espressi nel cervello di ratto"
1992-93	I.S.S. "Interazione tra il fattore trascrizionale Fe65 omologo alla integrasi di HIV ed il promotore di HIV"
1995-96	A.I.R.C. "Induzione p21waf/cip1 attraverso un pathway p53-indipendente attivato dallo stress ossidativo"
1997-99	Telethon "The Fe65 protein and the molecular basis of the familial Alzheimer's disease: characterization of its role in the beta-amyloid peptide generation and in the pathways involving the beta-amyloid precursor protein"
1998-2001	C.N.R. Programma Biotecnologie (ex legge 5/95) "Studio dell'interferenza di molecole con effetto farmacologico nella trasduzione mediata dal precursore del peptide beta-amiloide dell'Alzheimer"
1998	Regione Campania – P.O.P. "Modelli animali in vivo per lo studio di malattie di rilevanza sociale"
2000-02	EC- V Framework Program QLK6-1999-02238 "The Fe65-APP-X11 protein-protein interaction network"(GRASPING ALZHEIMER) Coordinator
2000-02	Progetto BIOGEM "Identificazione di geni e loro ruolo in patologia umana"
2001-06	Italian Ministry of Health – Progetto Alzheimer - "Le funzioni della proteina APP ed il loro ruolo nella patogenesi dell'Alzheimer"
2001-05	MURST-FIRB "Meccanismi di regolazione dello sviluppo del sistema nervoso e del differenziamento neurale" (PRONEURO)
2004-06	EC- VI Framework Program "Abnormal proteins in the pathogenesis of neurodegenerative disorders" (APOPIS)
2005-07	Alzheimer Association (USA) "Regulation of gene expression by APP-Fe65 complex"
2006-07	MURST-PRIN "Regolazione della maturazione proteolitica del precursore del peptide beta-amiloide dell'Alzheimer"
2009-2011	European Commission VI Framework Programme – SIROCCO Integrated Project
2008- 2010	AIRC (Italian Association for Cancer Research) "Role of Fe65 in lymphomagenesis and DNA damage response induced by Myc"
2011-2013	AIRC (Italian Association for Cancer Research) "The role of nuclear tau in the response to DNA damage and in tumorigenesis"
2011-2014	PON 2010 "Novel nanotech strategies for development of drugs and diagnostics for targeting of circulating cancer cells"

## Editorial and Grant evaluation Activity

2017-2019 PRIN2015 Regolazione e funzione dei fattori trascrizionali e modificatori epigenetici che intervengono nel differenziamento

Member of the Editorial Board of The Journal of Biological Chemistry (USA) 2003- 2008 and 2010-2015

Ad hoc Reviewer for many premier Journals, such as for example: Cell Death & Differentiation, EMBO Reports, EMBO Journal, FASEB Journal, The Journal of Cell Biology, Journal of Neurochemistry, The Journal of Biological Chemistry, Molecular and Cellular Biology, Neuron, etc.

Ad hoc Reviewer for the following Grant Agencies: Wellcome Trust (UK), MRC (UK), Alzheimer's Association (USA), Fondation pour la Recherche Médicale (FR), Flanders Research Foundation (BE), MIUR FIRB (IT), MIUR-PRIN (IT), CNR (IT), CRUI-Ateneo Italo-Tedesco (IT), AIRC (IT), Istituto Superiore di Sanità (IT), etc.

## Other assignments

1997-2000	Committee Coordinator "Programma Biotecnologie" (legge 95/95) Italian National Research Council
1998-2001	Director Sub-project "Biotecnologie Diagnostiche e Biosensori" of "Progetto Finalizzato Biotecnologie" Italian National Research Council
2000-2001	Member of the National Committee of "Centri di Eccellenza" Ministry of Education, Italy
2001- 2007	Coordinator of the Project for the "Centro di Competenza di Genomica Funzionale-GEAR" Campania Region
2000-2002	Coordinator of the Integrated Project "Grasping Alzheimer" of the 5 <sup>th</sup> Framework Program of the EC
2005-2010	Coordinator of the Technical Committee of the Spin off activities, University of Napoli Federico II
2005-2011	Member of the Committee of the Veterinary facilities, University of Napoli Federico II
2005- 2010	President of the Scientific-Technical Committee of the CEINGE Research Center, Napoli
2006-2007	Member of the Scientific-Technical Committee of the BioGeM Research Center, Ariano Irpino
2007-2012	Director of the Department of Biochemistry and Medical Biotechnology, University of Napoli Federico II
2013-2015	Director of the Department of Molecular Medicine and Medical Biotechnology, University of Napoli Federico II
2009-2012	Member of the Scientific-Technical Committee of the CBA Research Center, Genova
2008-2013	President GEAR scarl
2010-2011	Member of the Board of Directors of the Stazione Zoologica Anton Dorn, Napoli
2010-2011	Member of the Board of Directors of the CEINGE scarl
2011-2014	Member of Italian National University Council
2013-2016	Member of the "Senato Accademico" University of Napoli Federico II
2014-2016	Member of the Scientific Committee of the National Cancer Institute of Napoli

## Selected publications

Manganelli F, Parisi S, Nolano M, Tao F, Paladino S, Pisciotta C, Tozza S, Nesti C, Rebelo AP, Provitera V, Santorelli FM, Shy ME, Russo T, Zuchner S, Santoro L. Novel mutations in dystonin provide clues to the pathomechanisms of HSAN-VI. *Neurology*. 2017 May 30;88(22):2132-2140.

Parisi S, Passaro F, Russo L, Musto A, Navarra A, Romano S, Petrosino G, Russo T. Lin28 is induced in primed embryonic stem cells and regulates let-7-independent events. *FASEB J*. 2017 Mar;31(3):1046-1058.

Rinaldi L, Delle Donne R, Sepe M, Porpora M, Garbi C, Chiuso F, Gallo A, Parisi S, Russo L, Bachmann V, Huber RG, Stefan E, Russo T, Feliciello A. praja2 regulates KSR1 stability and mitogenic signaling. *Cell Death Dis*. 2016 May

Navarra A, Musto A, Gargiulo A, Petrosino G, Pierantoni GM, Fusco A, Russo T, Parisi S. Hmga2 is necessary for Otx2-dependent exit of embryonic stem cells from the pluripotent ground state. *BMC Biol.* 2016 Mar 31;14:24.

Ryu S, Teles F, Minopoli G, Russo T, Rosenfeld MG, Suh Y. An epigenomic role of Fe65 in the cellular response to DNA damage. *Mutat Res.* 2015 Jun;776:40-7.

Querques F, Cantilena B, Cozzolino C, Esposito MT, Passaro F, Parisi S, Lombardo B, Russo T, Pastore L. Angiotensin receptor I stimulates osteoprogenitor proliferation through TGF $\beta$ -mediated signaling. *J Cell Physiol.* 2015 Jul;230(7):1466-74.

Musto A, Navarra A, Vocca A, Gargiulo A, Minopoli G, Romano S, Romano MF, Russo T, Parisi S. miR-23a, miR-24 and miR-27a protect differentiating ESCs from BMP4-induced apoptosis. *Cell Death Differ.* 2015 Jun;22(6):1047-57. doi: 10.1038/cdd.2014.198.

Parisi S, Battista M, Musto A, Navarra A, Tarantino C, Russo T. A regulatory loop involving *Dies1* and miR-125a controls BMP4 signaling in mouse embryonic stem cells. *FASEB J.* 2012, 26(10):3957-68.

Minopoli G, Gargiulo A, Parisi S, Russo T. Fe65 matters: new light on an old molecule. *IUBMB Life.* 2012 ;64:936-42

Parisi S, Russo T. Regulatory role of *Klf5* in early mouse development and in embryonic stem cells. *Vitam Horm.* 2011; 87:381-97.

Parisi S, Tarantino C, Paoletta G, Russo T. A flexible method to study neuronal differentiation of mouse embryonic stem cells. *Neurochem Res.* 2010, 35(12):2218-25.

Parisi S, Cozzuto L, Tarantino C, Passaro F, Ciriello S, Aloia L, Antonini D, De Simone V, Pastore L, Russo T. Direct targets of *Klf5* transcription factor contribute to the maintenance of mouse embryonic stem cell undifferentiated state. *BMC Biology* 2010, 8:128

Tarantino C, Paoletta G, Cozzuto L, Minopoli G, Pastore L, Parisi S, Russo T. miRNA 34a, 100, and 137 modulate differentiation of mouse embryonic stem cells. *FASEB J.* 2010, 24: 3255-63.

Aloia L, Parisi S, Fusco L, Pastore L, Russo T. Differentiation of embryonic stem cells 1 (*Dies1*) is a component of bone morphogenetic protein 4 (BMP4) signaling pathway required for proper differentiation of mouse embryonic stem cells. *J Biol Chem.* 2010 285: 7776-83.

Stante M, Minopoli G, Passaro F, Raia M, Vecchio LD, Russo T. Fe65 is required for Tip60-directed histone H4 acetylation at DNA strand breaks. *Proc Natl Acad Sci USA.* 2009, 106:5093-8.

Ferrari-Toninelli G, Bonini SA, Uberti D, Napolitano F, Stante M, Santoro F, Minopoli G, Zambrano N, Russo T, Memo M. Notch activation induces neurite remodeling and functional modifications in SH-SY5Y neuronal cells. *Dev Neurobiol.* 2009 Mar 4;69(6):378-391.

Zhou D, Zambrano N, Russo T, D'Adamio L. Phosphorylation of a Tyrosine in the Amyloid-beta Protein Precursor Intracellular Domain Inhibits Fe65 Binding and Signaling. *J Alzheimers Dis.* 2009 Feb;16:301-7.

Parisi S, Passaro F, Aloia L, Manabe I, Nagai R, Pastore L, Russo T. *Klf5* is involved in self-renewal of mouse embryonic stem cells. *J Cell Sci.* 2008 Aug 15;121:2629-34.

Napolitano F, D'Angelo F, Bimonte M, Perrina V, D'Ambrosio C, Scaloni A, Russo T, Zambrano N. A differential proteomic approach reveals an evolutionary conserved regulation of Nme proteins by Fe65 in *C. elegans* and mouse. *Neurochem Res.* 2008 Dec;33(12):2547-55.

Minopoli G, Passaro F, Aloia L, Carlomagno F, Melillo RM, Santoro M, Forzati F, Zambrano N, Russo T.  
Receptor- and non-receptor tyrosine kinases induce processing of the amyloidprecursor protein: role of the low-density lipoprotein receptor-related protein. **Neurodegener Dis.** 2007;4(2-3):94-100.

Nizzari M, Venezia V, Repetto E, Caorsi V, Magrassi R, Gagliani MC, Carlo P, Florio T, Schettini G, Tacchetti C, Russo T, Diaspro A, Russo C.  
Amyloid precursor protein and Presenilin1 interact with the adaptor GRB2 andmodulate ERK 1,2 signaling.  
**J Biol Chem.** 2007 May 4;282(18):13833-44.

Caratù G, Allegra D, Bimonte M, Schiattarella GG, D'Ambrosio C, Scaloni A, Napolitano M, Russo T, Zambrano N.  
Identification of the ligands of protein interaction domains through a functional approach. **Mol Cell Proteomics.** 2007 Feb;6(2):333-45.

Minopoli G, Stante M, Napolitano F, Telese F, Aloia L, De Felice M, Di Lauro R, Pacelli R, Brunetti A, Zambrano N, Russo T.  
Essential roles for Fe65, Alzheimer amyloid precursor-binding protein, in the cellular response to DNA damage.  
**J Biol Chem.** 2007 Jan 12;282(2):831-5.

Faraonio R, Vergara P, Di Marzo D, Pierantoni MG, Napolitano M, Russo T, Cimino F.  
p53 suppresses the Nrf2-dependent transcription of antioxidant response genes. **J Biol Chem.** 2006 Dec 29;281(52):39776-84.

De Chiara G, Marcocci ME, Torcia M, Lucibello M, Rosini P, Bonini P, Higashimoto Y, Damonte G, Armirotti A, Amodei S, Palamara AT, Russo T, Garaci E, Cozzolino F.  
Bcl-2 Phosphorylation by p38 MAPK: identification of target sites and biologic consequences. **J Biol Chem.** 2006 Jul 28;281(30):21353-61.

Faraonio R, Vergara P, Marzo DD, Napolitano M, Russo T, Cimino F.  
Transcription regulation in NIH3T3 cell clones resistant to diethylmaleate-induced oxidative stress and apoptosis.  
**Antioxid Redox Signal.** 2006 Mar-Apr;8(3-4):365-74.

Bevilacqua MA, Iovine B, Zambrano N, D'Ambrosio C, Scaloni A, Russo T, Cimino F.  
Fibromodulin gene transcription is induced by ultraviolet irradiation, and its regulation is impaired in senescent human fibroblasts. **J Biol Chem.** 2005 Sep 9;280(36):31809-17

Potenza N, Vecchione C, Notte A, De Rienzo A, Rosica A, Bauer L, Affuso A, De Felice M, Russo T, Poulet R, Cifelli G, De Vita G, Lembo G, Di Lauro R.  
Replacement of K-Ras with H-Ras supports normal embryonic development despite inducing cardiovascular pathology in adult mice. **EMBO Rep.** 2005 May;6(5):432-7.

Di Giaimo R, Russo GM, Bevilacqua MA, Iovine B, Del Gaudio R, Geraci G, Russo T.  
The expression of de novo DNA methylase DNMT3b, of the methyl-CpG binding protein MBD2b and of 5-MCDG glycosylase shows two waves of induction during CaCO-2 cell differentiation. **Gene.** 2005 May 23;351:73-81.

Barbato C, Canu N, Zambrano N, Serafino A, Minopoli G, Ciotti MT, Amadoro G, Russo T, Calissano P.  
Interaction of Tau with Fe65 links tau to APP. **Neurobiol Dis.** 2005 Mar;18(2):399-408.

Telese F, Bruni P, Donizetti A, Gianni D, D'Ambrosio C, Scaloni A, Zambrano N, Rosenfeld MG, Russo T.  
Transcription regulation by the adaptor protein Fe65 and the nucleosome assembly factor SET. **EMBO Rep.** 2005 Jan;6(1):77-82.

Bimonte M, Gianni D, Allegra D, Russo T, Zambrano N.  
Mutation of the feh-1 gene, the Caenorhabditis elegans orthologue of mammalian Fe65, decreases the expression of two acetylcholinesterase genes. **Eur J Neurosci.** 2004 Sep;20(6):1483-8.

Esposito F, Ammendola R, Faraonio R, Russo T, Cimino F.

Redox control of signal transduction, gene expression and cellular senescence. **Neurochem Res.** 2004 Mar;29(3):617-28.

Zambrano N, Gianni D, Bruni P, Passaro F, Telese F, Russo T.

Fe65 is not involved in the platelet-derived growth factor-induced processing of Alzheimer's amyloid precursor protein, which activates its caspase-directed cleavage. **J Biol Chem.** 2004 Apr 16;279(16):16161-9.

Ammendola R, Russo L, De Felice C, Esposito F, Russo T, Cimino F.

Low-affinity receptor-mediated induction of superoxide by N-formyl-methionyl-leucyl-phenylalanine and WKYMVm in IMR90 human fibroblasts. **Free Radic Biol Med.** 2004 Jan 15;36(2):189-200.

Esposito F, Chirico G, Montesano Gesualdi N, Posadas I, Ammendola R, Russo T, Cirino G, Cimino F.

Protein kinase B activation by reactive oxygen species is independent of tyrosine kinase receptor phosphorylation and requires SRC activity. **J Biol Chem.** 2003 Jun 6;278(23):20828-34.

Gianni D, Zambrano N, Bimonte M, Minopoli G, Mercken L, Talamo F, Scaloni A, Russo T.

Platelet-derived growth factor induces the beta-gamma-secretase-mediated cleavage of Alzheimer's amyloid precursor protein through a Src-Rac-dependent pathway. **J Biol Chem.** 2003 Mar 14;278(11):9290-7.

Russo C, Dolcini V, Salis S, Venezia V, Violani E, Carlo P, Zambrano N, Russo T, Schettini G.

Signal transduction through tyrosine-phosphorylated carboxy-terminal fragments of APP via an enhanced interaction with Shc/Grb2 adaptor proteins in reactive astrocytes of Alzheimer's disease brain. **Ann N Y Acad Sci.** 2002 Nov;973:323-33.

Bevilacqua MA, Faniello MC, Iovine B, Russo T, Cimino F, Costanzo F.

Transcription factor NF- $\kappa$ B regulates differentiation of CaCo-2 cells. **Arch Biochem Biophys.** 2002 Nov 1;407(1):39-44.

Tarr PE, Contursi C, Roncarati R, Noviello C, Gherzi E, Scheinfeld MH, Zambrano N, Russo T, D'Adamio L.

Evidence for a role of the nerve growth factor receptor TrkA in tyrosine phosphorylation and processing of beta-APP. **Biochem Biophys Res Commun.** 2002 Jul 12;295(2):324-9.

Esposito F, Russo T, Cimino F.

Generation of prooxidant conditions in intact cells to induce modifications of cell cycle regulatory proteins. **Methods Enzymol.** 2002;352:258-68.

Faraonio R, Pane F, Intrieri M, Russo T, Cimino F.

In vitro acquired cellular senescence and aging-specific phenotype can be distinguished on the basis of specific mRNA expression. **Cell Death Differ.** 2002 Aug;9(8):862-4.

Bruni P, Minopoli G, Brancaccio T, Napolitano M, Faraonio R, Zambrano N, Hansen U, Russo T.

Fe65, a ligand of the Alzheimer's beta-amyloid precursor protein, blocks cell cycle progression by down-regulating thymidylate synthase expression. **J Biol Chem.** 2002 Sep 20;277(38):35481-8.

Russo C, Dolcini V, Salis S, Venezia V, Zambrano N, Russo T, Schettini G.

Signal transduction through tyrosine-phosphorylated C-terminal fragments of amyloid precursor protein via an enhanced interaction with Shc/Grb2 adaptor proteins in reactive astrocytes of Alzheimer's disease brain. **J Biol Chem.** 2002 Sep 20;277(38):35282-8.

Zambrano N, Bimonte M, Arbucci S, Gianni D, Russo T, Bazzicalupo P.

feh-1 and apl-1, the *Caenorhabditis elegans* orthologues of mammalian Fe65 and beta-amyloid precursor protein genes, are involved in the same pathway that controls nematode pharyngeal pumping. **J Cell Sci.** 2002 Apr 1;115(Pt 7):1411-22.

Ammendola R, Ruocchio MR, Chirico G, Russo L, De Felice C, Esposito F, Russo T, Cimino F.

Inhibition of NADH/NADPH oxidase affects signal transduction by growth factor receptors in normal fibroblasts. **Arch Biochem Biophys.** 2002 Jan 15;397(2):253-7.

Esposito F, Russo L, Chirico G, Ammendola R, Russo T, Cimino F.

Regulation of p21waf1/cip1 expression by intracellular redox conditions. **IUBMB Life.** 2001 Jul;52(1-2):67-70.

Torcia M, De Chiara G, Nencioni L, Ammendola S, Labardi D, Lucibello M, Rosini P, Marlier LN, Bonini P, Dello Sbarba P, Palamara AT, Zambrano N, Russo T, Garaci E, Cozzolino F.

Nerve growth factor inhibits apoptosis in memory B lymphocytes via inactivation of p38 MAPK, prevention of Bcl-2 phosphorylation, and cytochrome c release. **J Biol Chem.** 2001 Oct 19;276(42):39027-36.

Zambrano N, Bruni P, Minopoli G, Mosca R, Molino D, Russo C, Schettini G, Sudol M, Russo T.

The beta-amyloid precursor protein APP is tyrosine-phosphorylated in cells expressing a constitutively active form of the Abl protooncogene. **J Biol Chem.** 2001 Jun 8;276(23):19787-92.

Sudol M, Sliwa K, Russo T.

Functions of WW domains in the nucleus. **FEBS Lett.** 2001 Feb 16;490(3):190-5.

Minopoli G, de Candia P, Bonetti A, Faraonio R, Zambrano N, Russo T.

The beta-amyloid precursor protein functions as a cytosolic anchoring site that prevents Fe65 nuclear translocation. **J Biol Chem.** 2001 Mar 2;276(9):6545-50.

Esposito F, Russo L, Russo T, Cimino F.

Retinoblastoma protein dephosphorylation is an early event of cellular response to prooxidant conditions. **FEBS Lett.** 2000 Mar 24;470(2):211-5.

de Paulis A, Minopoli G, Arbustini E, de Crescenzo G, Dal Piaz F, Pucci P, Russo T, Marone G.

Stem cell factor is localized in, released from, and cleaved by human mast cells. **J Immunol.** 1999 Sep 1;163(5):2799-808.

Wanke V, Accorsi K, Porro D, Esposito F, Russo T, Vanoni M.

In budding yeast, reactive oxygen species induce both RAS-dependent and RAS-independent cell cycle-specific arrest. **Mol Microbiol.** 1999 May;32(4):753-64.

de Paulis A, Minopoli G, Dal Piaz F, Pucci P, Russo T, Marone G.

Novel autocrine and paracrine loops of the stem cell factor/chymase network. **Int Arch Allergy Immunol.** 1999 Feb-Apr;118(2-4):422-5.

Esposito F, Cuccovillo F, Russo L, Casella F, Russo T, Cimino F.

A new p21waf1/cip1 isoform is an early event of cell response to oxidative stress. **Cell Death Differ.** 1998 Nov;5(11):940-5.

Bevilacqua MA, Faniello MC, Russo T, Cimino F, Costanzo F.

P/CAF/p300 complex binds the promoter for the heavy subunit of ferritin and contributes to its tissue-specific expression. **Biochem J.** 1998 Nov 1;335 ( Pt 3):521-5.

Russo T, Faraonio R, Minopoli G, De Candia P, De Renzis S, Zambrano N.

Fe65 and the protein network centered around the cytosolic domain of the Alzheimer's beta-amyloid precursor protein. **FEBS Lett.** 1998 Aug 28;434(1-2):1-7

Zambrano N, Minopoli G, de Candia P, Russo T.

The Fe65 adaptor protein interacts through its PID1 domain with the transcription factor CP2/LSF/LBP1. **J Biol Chem.** 1998 Aug 7;273(32):20128-33.

Casamassimi A, Miano MG, Porcellini A, De Vita G, de Nigris F, Zannini M, Di Lauro R, Russo T, Avvedimento VE, Fusco A.

p53 genes mutated in the DNA binding site or at a specific COOH-terminal site exert divergent effects on thyroid cell growth and differentiation. **Cancer Res.** 1998 Jul 1;58(13):2888-94.

Duilio A, Faraonio R, Minopoli G, Zambrano N, Russo T.

Fe65L2: a new member of the Fe65 protein family interacting with the intracellular domain of the Alzheimer's beta-amyloid precursor protein.

**Biochem J.** 1998 Feb 15;330 ( Pt 1):513-9.

ErmeKova KS, Zambrano N, Linn H, Minopoli G, Gertler F, Russo T, Sudol M.

The WW domain of neural protein FE65 interacts with proline-rich motifs in Mena, the mammalian homolog of *Drosophila* enabled. **J Biol Chem**. 1997 Dec 26;272(52):32869-77.

Zambrano N, De Renzis S, Minopoli G, Faraonio R, Donini V, Scaloni A, Cimino F, Russo T.

DNA-binding protein Pur alpha and transcription factor YY1 function as transcription activators of the neuron-specific FE65 gene promoter. **Biochem J**. 1997 Nov 15;328 ( Pt 1):293-300.

Esposito F, Cuccovillo F, Vanoni M, Cimino F, Anderson CW, Appella E, Russo T.

Redox-mediated regulation of p21(waf1/cip1) expression involves a post-transcriptional mechanism and activation of the mitogen-activated protein kinase pathway. **Eur J Biochem**. 1997 May 1;245(3):730-7.

Zambrano N, Buxbaum JD, Minopoli G, Fiore F, De Candia P, De Renzis S, Faraonio R, Sabo S, Cheetham J, Sudol M, Russo T.

Interaction of the phosphotyrosine interaction/phosphotyrosine binding-related domains of Fe65 with wild-type and mutant Alzheimer's beta-amyloid precursor proteins. **J Biol Chem**. 1997 Mar 7;272(10):6399-405.

Cimino F, Esposito F, Ammendola R, Russo T.

Gene regulation by reactive oxygen species. **Curr Top Cell Regul**. 1997;35:123-48.

Fiore F, Zambrano N, Minopoli G, Donini V, Duilio A, Russo T.

The regions of the Fe65 protein homologous to the phosphotyrosine interaction/phosphotyrosine binding domain of Shc bind the intracellular domain of the Alzheimer's amyloid precursor protein. **J Biol Chem**. 1995 Dec 29;270(52):30853-6.

Russo T, Zambrano N, Esposito F, Ammendola R, Cimino F, Fiscella M, Jackman J, O'Connor PM, Anderson CW, Appella E.

A p53-independent pathway for activation of WAF1/CIP1 expression following oxidative stress. **J Biol Chem**. 1995 Dec 8;270(49):29386-91.

Bevilacqua MA, Faniello MC, D'Agostino P, Quaresima B, Tiano MT, Pignata S, Russo T, Cimino F, Costanzo F.

Transcriptional activation of the H-ferritin gene in differentiated Caco-2 cells parallels a change in the activity of the nuclear factor Bbf. **Biochem J**. 1995 Nov 1;311 ( Pt 3):769-73.

Ammendola R, Fiore F, Esposito F, Caserta G, Mesuraca M, Russo T, Cimino F.

Differentially expressed mRNAs as a consequence of oxidative stress in intact cells. **FEBS Lett**. 1995 Sep 11;371(3):209-13.

Esposito F, Cuccovillo F, Morra F, Russo T, Cimino F.

DNA binding activity of the glucocorticoid receptor is sensitive to redox changes in intact cells. **Biochim Biophys Acta**. 1995 Feb 21;1260(3):308-14.

Faraonio R, Minopoli G, Porcellini A, Costanzo F, Cimino F, Russo T.

The DNA sequence encompassing the transcription start site of a TATA-less promoter contains enough information to drive neuron-specific transcription. **Nucleic Acids Res**. 1994 Nov 25;22(23):4876-83.

Ammendola R, Mesuraca M, Russo T, Cimino F.

The DNA-binding efficiency of Sp1 is affected by redox changes. **Eur J Biochem**. 1994 Oct 1;225(1):483-9.

Lupo A, Costanzo P, De Rosa M, Russo T, Salvatore F, Izzo P.

Growth-arrested dependence of aldolase A L-type mRNA expression in rodent cell lines. **Exp Cell Res**. 1994 Aug;213(2):359-64.

Esposito F, Agosti V, Morrone G, Morra F, Cuomo C, Russo T, Venuta S, Cimino F.

Inhibition of the differentiation of human myeloid cell lines by redox changes induced through glutathione depletion. **Biochem J**. 1994 Aug 1;301 ( Pt 3):649-53.

Bevilacqua MA, Faniello MC, Russo T, Cimino F, Costanzo F.

Transcriptional regulation of the human H ferritin-encoding gene (FERH) in G418-treated cells: role of the B-box-binding factor. **Gene**. 1994 Apr 20;141(2):287-91.

Chiariotti L, Benvenuto G, Salvatore P, Veneziani BM, Villone G, Fusco A, Russo T, Bruni CB.

Expression of the soluble lectin L-14 gene is induced by TSH in thyroid cells and suppressed by retinoic acid in transformed neural cells. **Biochem Biophys Res Commun**. 1994 Mar 15;199(2):540-6.

Simeone A, Duilio A, Fiore F, Acampora D, De Felice C, Faraonio R, Paolocci F, Cimino F, Russo T.

Expression of the neuron-specific FE65 gene marks the development of embryonic ganglionic derivatives. **Dev Neurosci**. 1994;16(1-2):53-60.

Russo T, Mogavero AR, Ammendola R, Mesuraca M, Fiore F, Fatatis A, Salvatore G, Cimino F.

Immortalization of a cell line showing some characteristics of the oligodendrocyte phenotype. **Neurosci Lett**. 1993 Sep 3;159(1-2):159-62.

Esposito F, Fiore F, Cimino F, Russo T.

Isolation and structural characterization of the rat gene encoding the brain specific snRNP-associated polypeptide "N". **Biochem Biophys Res Commun**. 1993 Aug 31;195(1):317-26.

Daniele A, Russo T, Ballabio A, Di Natale P.

The mouse iduronate sulfatase gene: identification of a novel transcript. **Biochem Biophys Res Commun**. 1993 Aug 16;194(3):1030-7.

Ammendola R, Mesuraca M, Russo T, Cimino F.

Sp1 DNA binding efficiency is highly reduced in nuclear extracts from aged rat tissues. **J Biol Chem**. 1992 Sep 5;267(25):17944-8.

Duilio A, Zambrano N, Mogavero AR, Ammendola R, Cimino F, Russo T.

A rat brain mRNA encoding a transcriptional activator homologous to the DNA binding domain of retroviral integrases. **Nucleic Acids Res**. 1991 Oct 11;19(19):5269-74.

Esposito F, Ammendola R, Duilio A, Costanzo F, Giordano M, Zambrano N, D'Agostino P, Russo T, Cimino F.

Isolation of cDNA fragments hybridizing to rat brain-specific mRNAs. **Dev Neurosci**. 1990;12(6):373-81.

Duilio A, Cimino F, Russo T.

Oligonucleotide-directed mutagenesis: a sequence-based screening. **Anal Biochem**. 1988 Nov 1;174(2):618-22.

Ammendola R, Russo T, Cimino F.

Chick tRNATrp gene coding for the primer of RSV reverse transcriptase. **Nucleic Acids Res**. 1988 May 25;16(10):4728

Russo T, Oliva A, Duilio A, Ammendola R, Costanzo F, Zannini M, Cimino F.

The transcriptional efficiency of clustered tRNA genes is affected by their position within the cluster. **Biochem Biophys Res Commun**. 1987 Dec 31;149(3):1118-24.

Russo T, Duilio A, Ammendola R, Costanzo F, Cimino F.

Nucleotide sequence of a mouse tRNA gene cluster. **Nucleic Acids Res**. 1987 Oct 26;15(20):8562.

Russo T, Costanzo F, Oliva A, Ammendola R, Duilio A, Esposito F, Cimino F.

Structure and in vitro transcription of tRNA gene clusters containing the primers of MuLV reverse transcriptase. **Eur J Biochem**. 1986 Aug 1;158(3):437-42.

Esposito F, Russo T, Ammendola R, Duilio A, Salvatore F, Cimino F.

Pseudouridine excretion and transfer RNA primers for reverse transcriptase in tumors of retroviral origin. **Cancer Res**. 1985 Dec;45(12 Pt 1):6260-3.

Paoletta G, Russo T.

A microcomputer program for the identification of tRNA genes. **Comput Appl Biosci.** 1985 Sep;1(3):149-51.

Russo T, Salvatore F, Cimino F.

Determination of pseudouridine in tRNA and in acid-soluble tissue extracts by high-performance liquid chromatography. **J Chromatogr.** 1984 Jul 27;296:387-93.

Russo T, Colonna A, Salvatore F, Cimino F, Bridges S, Gurgo C.

Serum pseudouridine as a biochemical marker in the development of AKR mouse lymphoma. **Cancer Res.** 1984 Jun;44(6):2567-70.

Colonna A, Russo T, Esposito F, Salvatore F, Cimino F.

Determination of pseudouridine and other nucleosides in human blood serum by high-performance liquid chromatography. **Anal Biochem.** 1983 Apr 1;130(1):19-26.

Autorizzo il trattamento dei dati personali ai sensi del D.Lgs.196/03 e s.m.i. e autocertifico ai sensi del D.P.R. n 445 del 28 dicembre 2000 che quanto riportato nel curriculum vitae corrisponde a verità.

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