

PERSONAL INFORMATION

Luca Ruggiero

WORK EXPERIENCE

May 2014 – present	Post-Doc Fondazione IRCCS Ca' Granda Policlinico Maggiore, Milan ▪ “Monitoraggio delle infezioni da virus influenzale e da altri virus respiratori in età pediatrica”
April 2012 – April 2014	Post-Doc Temporary research associate University Vita Salute San Raffaele, Milan ▪ Animal models in neuroferritinopathies for the study of the role of iron in neurodegeneration . ▪ Role of epsins in Notch pathway regulation in skin.
February 2012 – March 2012	Post-Doc Temporary research associate University of Insubria, Varese ▪ Nanoparticles in Clinical and Preventive Medicine
June 2009 – March 2012	Post-Doc IRCCS Multimedica, Science and Technology Pole , Milan ▪ Angioprevention: angiogenesis as a target for chemopreventive drugs .
April 2010 – March 2011	Post-Doc Temporary research associate University of Brescia ▪ Tumors and anti-angiogenic therapy resistance: study of molecular mechanisms .
January 2006 – June 2009	Post-Doc Centro Cardiologico Fondazione Monzino IRCCS, Milan ▪ Gene expression profile in CAD patients with diabetic complication.

EDUCATION AND TRAINING

October 2014	Training in: Haemagglutination Inhibition Assay for Influenza Virus (HAI) Single Radial Haemolysis (SRH) Microneutralization (MN) VisMederi Srl, Siena, Italy
November 2001 – January 2006	PhD in Genetics and Molecular Medicin University of Naples Federico II ▪ From September 2003 to January 2006 I was a visiting PhD student at Columbia University in New York, USA. The PhD project was: Molecular and functional characterization of the interaction between c-Myc and the MCM helicase.
October 2001	Degree in Biological Science (summa cum laude)

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University of Naples Federico II

PERSONAL SKILLS

Mother tongue
Italian

Altre lingue

English

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
	C1	C1	C1	C1	C1

Organisational / managerial skills
Good organisational skill in planning my work and coordinating collaborators and students in their thesis projects.

Job-related skills

Molecular biology techniques: nucleic acid extraction, cloning, PCR, real time PCR, recombinant protein expression, *in vitro* pull-down, immunoprecipitation and protein complex isolation, western blot, ChIP, gene transfer in mammalian cells (transfection, transduction), FACS, ELISA.
 Cellular biology techniques: maintenance and manipulation of primary mammalian cell lines, viability assay, chemotaxis and chemoinvasion assay, *in vitro* angiogenesis, platelets, lymphocytes and monocytes isolation from peripheral blood, immunofluorescence, confocal microscopy.
 Mice manipulation and administration, *in vivo* angiogenesis assay, xenograft transplantation.
 Haemagglutination Inhibition Assay for Influenza Virus (HAI), Single Radial Haemolysis (SRH), Microneutralization (MN).

Computer skills

- Good command of Microsoft Office, Adobe Photoshop, ImageJ

ADDITIONAL INFORMATION

Luca Ruggiero
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- Publications**
- Principi N, Iughetti L, Cappa M, Maffeis C, Chiarelli F, Bona G, Gambino M, Ruggiero L, Patianna V, Matteoli MC, Marigliano M, Cipriano P, Parlamento S, Esposito S; Italian Pneumococcal Study Group on Diabetes. Streptococcus pneumoniae oropharyngeal colonization in school-age children and adolescents with type 1 diabetes mellitus: Impact of the heptavalent pneumococcal conjugate vaccine. *Hum Vaccin Immunother.* 2015 Nov 17:1-8
- Esposito S, Zampiero A, Ruggiero L, Madini B, Niesters H, Principi N. Enterovirus D68-associated community-acquired pneumonia in children living in Milan, Italy. *J Clin Virol.* 2015 Jul;68:94-6.
- Esposito S, Colombo C, Tosco A, Montemirto E, Volpi S, Ruggiero L, Lelii M, Bisogno A, Pelucchi C, Principi N; Italian Pneumococcal Study Group on Cystic Fibrosis. Streptococcus pneumoniae oropharyngeal colonization in children and adolescents with cystic fibrosis. *J Cyst Fibros.* 2015 Jun 3
- Esposito S, Terranova L, Ruggiero L, Ascolese B, Montinaro V, Rios WP, Galeone C, Principi N. STREPTOCOCCUS PNEUMONIAE AND STAPHYLOCOCCUS AUREUS CARRIAGE IN HEALTHY SCHOOL-AGE CHILDREN AND ADOLESCENTS. *J Med Microbiol.* 2015 Jan 22.
- Dallaglio K, Bruno A, Cantelmo AR, Esposito AI, Ruggiero L, Orecchioni S, Calleri A, Bertolini F, Pfeffer U, Noonan DM, Albinì A. Paradoxical effects of metformin on endothelial cells and angiogenesis. *Carcinogenesis* 2014 Feb 4.
- Sala E, Ruggiero L, Di Giacomo G, Cremona O. Endocytosis in Notch Signaling Activation. *InTech*, July 06, 2012 Chapter 13 331-76
- Ruggiero L, Sogno I, Focaccetti C, Bartolini D, Magnani E, Principi E, Noonan DM, Albinì A. Effects of Diet-Derived Molecules on the Tumor Microenvironment. *Current Angiogenesis* 2012 Sept; 1(3): 206-214
- Barbieri SS, Ruggiero L, Tremoli E, Weksler BB. Suppressing PTEN Activity by Tobacco Smoke Plus Interleukin-1 β Modulates Dissociation of VE-Cadherin/ β -Catenin Complexes in Endothelium. *Arterioscler Thromb Vasc Biol.* 2008 Apr;28(4):732-8. Epub 2008 Jan 17.
- Dominguez-Sola D*, Ying CY*, Grandori C, Ruggiero L, Chen B, Li M, Galloway DA, Gu W, Gautier J, Dalla-Favera R. Non-transcriptional control of DNA replication by c-Myc. *Nature.* 2007 Jul 26;448(7152):445-51. Epub 2007 Jun 27.
- Perrella A, Atripaldi L, Bellopede P, Patarino T, Sbreglia C, Tarantino G, Sorrentino P, Conca P, Ruggiero L, Perrella O. Flow cytometry assay of myeloid dendritic cells (mDCs) in peripheral blood during acute hepatitis C: possible pathogenetic mechanisms. *World J Gastroenterol.* 2006 Feb 21;12(7):1105-9.
- Amenta S, Gargano B, Varrone F, Ruggiero L, Dominguez-Sola D, Lania L, and Majello B. p14ARF directly interacts with Myc through the Myc BoxII domain. *Cancer Biology and therapy.* 2006 Mar;5(3):287-91.
- Licciardo P, Amenta S, Ruggiero L, Monti M, Pucci P, Lania L, Majello B. The FCP1 phosphatase interacts with RNA polymerase II and with MEP50 a component of the methylosome complex involved in the assembly of snRNP. *Nucleic Acid Research* (2003) 3: 999-1005
- Licciardo P, Ruggiero L, Lania L and Majello B. Transcription activation by targeted recruitment of the RNA polymerase II CTD-phosphatase FCP1. *Nucleic Acid Research* (2001) 29: 3539-3545.
- Presentations"**
- September 2014
16th AIBG (Italian Association of Biology and Genetics) congress. Naples
"Epsin role in stemness maintenance". M. Cardano, G. Di Giacomo, L. Ruggiero, L. Conti, O. Cremona.
- June 2014
60th GEI (Italian Group of Embryology) congress. Trento
"The contribution of Epsin proteins in stemness maintenance". M. Cardano, G. Di Giacomo, L. Ruggiero, L. Conti, O. Cremona.
- October 2013
The Notch Meeting VII, Athens
"Role of Epsin in Notch activation and cancer"
Sala E, Ruggiero L, Cardano M, Di Giacomo G, Cremona O

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October 2012
The Notch Meeting VI, Notch and trafficking, Athens.
"Epsins in Notch skin activation"
Sala E, Ruggiero L, Di Giacomo G, Cremona O.

October 2011
53°Annual Meeting of the Italian Cancer Society, Turin
"The role of the anti-hyperglycemic drug metformin in regulating tumor angiogenesis"
Ruggiero L, Pfeffer U, Albini A

October 2010
52°Annual Meeting of the Italian Cancer Society, Rome
"Endothelial cells senescence: activation of a pro- or anti-angiogenic program?"
AR Cantelmo, G Di Giacomo, U Pfeffer, L Ruggiero, A Albini

December 2009
Invited speaker at Annual meeting of Italian Society of Pathology, Naples.
"Non-transcriptional control of DNA replication by c-myc: novel mechanism for its oncogenic function"

November 2009
51°Annual Meeting of the Italian Cancer Society, Sesto San Giovanni (MI)
"The role of the anti-hyperglycemic drug metformin in regulating tumor angiogenesis"

September 2005
Eucaryotic DNA replication
Cold Spring Harbor, New York, USA
"A direct role of c-Myc in normal control of DNA replication"
Dominguez-Sola D, Ruggiero L, Grandori C, Ying C, Chen B, Gautier J and Dalla-Favera R

September 2004
Columbia University Genetics and Development Department retreat in Arden House New York, USA
"c-Myc interacts with the DNA pre-replication complex"
Dominguez-Sola D, Ruggiero L, Dalla-Favera R.

April 2003
Workshop: Cortona 2003 "Struttura e funzione del genoma",
Teatro Signorelli, Cortona (Arezzo), Italy
"The FCP1 phosphatase interacts with RNA polymerase II and with MEP50 a component of the methylosome complex involved in the assembly of snRNP"
Licciardo P, Amento S, Ruggiero L, Monti M, Pucci P, Lania L, Majello B.

Honours and awards
XV edition international Nunzio Pascale award

References
Prof. Susanna Esposito
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