

CURRICULUM VITAE

PERSONAL INFORMATION

Name MICHELA BIANCOLELLA
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E-mail michela.biancolella@uniroma2.it, michelabiancolella@gmail.com

Nationality ITALIAN

Date of birth 24/08/1973

EXPERTISE

- Principal areas of expertise MOLECULAR AND CANCER GENETICS

WORK EXPERIENCE

- Dates (from – to) 2012 UP TO DATE
- Name and address of employer TOR VERGATA UNIVERSITY - ROME, ITALY
- Type of business or sector ONCOGENETICS
- Occupation or position held ASSISTANT PROFESSOR
- Main activities and responsibilities RESEARCH AND TEACHING

- Dates (from – to) 2009-2012
- Name and address of employer UNIVERSITY OF SOUTHERN CALIFORNIA (USC) -LOS ANGELES, CA
- Type of business or sector CANCER GENOMICS
- Occupation or position held RESEARCH ASSOCIATE
- Main activities and responsibilities RESEARCH AND TEACHING

- Dates (from – to) 2009-2008
- Name and address of employer UNIVERSITY OF SOUTHERN CALIFORNIA (USC) -LOS ANGELES, CA
- Type of business or sector MOLECULAR GENETICS
- Occupation or position held POSTDOCTORAL RESEARCH ASSOCIATE

- Main activities and responsibilities

RESEARCH AND TEACHING

- Dates (from – to)
- Name and address of employer

2007-2008

TOR VERGATA UNIVERSITY - ROME, ITALY

- Type of business or sector
- Occupation or position held
 - Main activities and responsibilities

MOLECULAR GENETIC
POSTDOCTORAL FELLOW
RESEARCH

EDUCATION AND TRAINING

- Dates (from – to)
- Name and type of organization providing education and training
 - Principal subjects/occupational skills covered

2012

TOR VERGATA UNIVERSITY - ROME, ITALY

- Title of qualification awarded

MEDICAL GENETICS

SPECIALTY

- Dates (from – to)
- Name and type of organization providing education and training
 - Principal subjects/occupational skills covered

2007

TOR VERGATA UNIVERSITY - ROME, ITALY

- Title of qualification awarded

MOLECULAR GENETIC

PhD

- Dates (from – to)
- Name and type of organization providing education and training
 - Principal subjects/occupational skills covered

2003

ROMA 3 UNIVERSITY-ROME, ITALY

- Title of qualification awarded

BIOLOGY

BS

LANGUAGES

MOTHER TONGUE ITALIAN

OTHER LANGUAGES

- Reading skills ENGLISH
- Writing skills ENGLISH
- Verbal skills **ENGLISH**

PUBLICATIONS

D'Apice MR, Novelli A, di Masi A, **Biancolella M**, Antoccia A, Gullotta F, Licata N, Minella D, Testa B, Nardone AM, Palmieri G, Calabrese E, Biancone L, Tanzarella C, Frontali M, Sangiuolo F, Novelli G, Pallone F. Deletion of REXO1L1 locus in a patient with malabsorption syndrome, growth retardation, and dysmorphic features: a novel recognizable microdeletion syndrome? *BMC Med Genet.* 2015 Apr

Biancolella M, K Fortini B, Tring S, Plummer SJ, Mendoza-Fandino GA, Hartiala J, Hitchler MJ, Yan C, Schumacher FR, Conti DV, Edlund CK, Noushmehr H, Coetzee SG, Bresalier RS, Ahnen DJ, Barry EL, Berman BP, Rice JC, Coetzee GA, Casey G. Identification and characterization of functional risk variants for colorectal cancer mapping to chromosome 11q23.1. *Hum Mol Genet.* 2013 Dec 2

Wang ET, Cody NA, Jog S, **Biancolella M**, Wang TT, Treacy DJ, Luo S, Schroth GP, Housman DE, Reddy S, Lécuyer E, Burge CB. Transcriptome-wide Regulation of Pre-mRNA Splicing and mRNA Localization by Muscleblind Proteins. *Cell.* 2012 Aug 17;150(4):710-24

Minella D, Wannenes F, **Biancolella M**, Amati F, Testa B, Nardone A, Bueno S, Fabbri A, Lauro D, Novelli G, Moretti C. SOS1 over-expression in genital skin fibroblasts from hirsute women: a putative role of the SOS1/RAS pathway in the pathogenesis of hirsutism. *J Biol Regul Homeost Agents.* 2011 Oct-Dec;25(4):615-26.

Giganti MG, Minella D, Testa B, Zenobi R, **Biancolella M**, Isidori AM, Caprio M, Novelli G, Fabbri A. A pilot study on the transcriptional response of androgen and insulin-related genes in peripheral blood mononuclear cells induced by testosterone administration in hypogonadal men. *J Biol Regul Homeost Agents.* 2011 Apr-Jun;25(2):291-4.

Novelli G, **Biancolella M**. Pharmacogenetics . *Encyclopedia of Life Sciences*(2011).

Gambardella S, Ciabattoni E, Motta F, Stoico G, Gullotta F, **Biancolella M**, Nardone AM, Novelli A, Brunetti E, Bernardini L and Novelli G. Design, Construction and Validation of Targeted BACArray-Based CGH Test for Detecting the Most Common Chromosomal Abnormalities. *Genomics Insights* 2010;3 1-13

Nisticò S, Paolillo N, Minella D, Piccirilli S, Rispoli V, Giardina E, **Biancolella M**, Chimenti S, Novelli G, Nisticò G. Effects of TNF-alpha and IL-1beta on the activation of genes related to inflammatory, immune responses and cell death in immortalized human HaCat keratinocytes. *Int J Immunopathol Pharmacol*. 2010 Oct-Dec;23(4):1057-72.

Minella D, **Biancolella M**, Testa B, Prosperini G, Zenobi R, Novelli G, Giganti MG. Androgen- and insulin-related gene signature using a specific low density oligoarray androchip 2 in peripheral blood mononuclear cells in agonists recreational athletes and sedentary subjects. *J Biol Regul Homeost Agents*. 2010 Oct-Dec;24(4):413-23.

Fazi B, **Biancolella M**, Mehdawy B, Corazzari M, Minella D, Blandini F, Moreno S, Nardacci R, Nisticò R, Sepe S, Novelli G, Piacentini M, Di Sano F. Characterization of gene expression induced by RTN-1C in human neuroblastoma cells and in mouse brain. *Neurobiol Dis*. 2010 Dec;40(3):634-44.

Kang BY, Hu C, Ryu S, Khan JA, **Biancolella M**, Prayaga S, Seung KB, Novelli G, Mehta P, Mehta JL. Genomics of Cardiac Remodeling in Angiotensin II-treated Wild-type and LOX-1-deficient Mice. *Physiol Genomics*. 2010 Jun;42(1):42-54.

Baghernajad-Salehi L, D'Apice MR, Babameto-Laku A, **Biancolella M**, Mitre A, Russo S, Di Daniele N, Sangiuolo F, Mokini V, Novelli G. A pilot beta-thalassaemia screening program in the Albanian population for a health planning program. *Acta Haematol*. 2009;121(4):234-8.

Gullotta F, **Biancolella M**, Costa E, Colapietro I, Nardone AM, Molinaro P, Pietropolli A, Narcisi M, Di Rosa C, Novelli G. Prenatal diagnosis of genomic disorders and chromosome abnormalities using array-based comparative genomic hybridization. *Journal of Prenatal Medicine* 2007; 1 (1): 16-22

Botta A, Vallo L, Rinaldi F, Bonifazi E, Amati F, **Biancolella M**, Gambardella S, Mancinelli E, Angelini C, Meola G, Novelli G. Gene expression analysis in myotonic dystrophy: indications for a common molecular pathogenic pathway in DM1 and DM2. *Gene Expr*. 2007;13(6):339-51.

Biancolella M, Valentini A, Minella D, Vecchione L, D'Amico F, Chillemi G, Gravina P, Bueno S, Prosperini G, Desideri A, Federici G, Bernardini S, Novelli G. Effects of dutasteride on the expression of genes related to androgen metabolism and related pathway in human prostate cancer cell lines. *Invest New Drugs*. 2007 Oct;25(5):491-7.

D'Amico F, **Biancolella M**, Margiotti K, Reichardt JK, Novelli G. Genomic biomarkers, androgen pathway and prostate cancer. *Pharmacogenomics*. 2007 Jun;8(6):645-661.

Valentini A, **Biancolella M**, Amati F, Gravina P, Miano R, Chillemi G, Farcomeni A, Bueno S, Vespasiani G, Desideri A, Federici G, Novelli G, Bernardini S. Valproic acid induces neuroendocrine differentiation and UGT2B7 up-regulation in human prostate carcinoma cell line. *Drug Metab Dispos*. 2007 Jun;35(6):968-72.

Amati F, **Biancolella M**, Farcomeni A, Giallonardi S, Bueno S, Minella D, Vecchione L, Chillemi G, Desideri A, Novelli G. Dynamic changes in gene expression profiles of 22q11 and related orthologous genes during mouse development. *Gene*. 2007 Apr 15;391(1-2):91-102.

Bucci B, Misiti S, Cannizzaro A, Marchese R, Raza GH, Miceli R, Stigliano A, Amendola D, Monti

O, **Biancolella M**, Amati F, Novelli G, Vecchione A, Brunetti E, De Paula U. Fractionated ionizing radiation exposure induces apoptosis through caspase-3 activation and reactive oxygen species generation. *Anticancer Res.* 2006 Nov-Dec;26(6B):4549-57.

Gambardella S, **Biancolella M**, D'Apice MR, Amati F, Sangiuolo F, Farcomeni A, Chillemi G, Bueno S, Desideri A, Novelli G. Gene expression profile study in CFTR mutated bronchial cell lines. *Clin Exp Med.* 2006 Dec;6(4):157-65.

Cipollone D, Amati F, Carsetti R, Placidi S, **Biancolella M**, D'Amati G, Novelli G, Siracusa G, Marino B. A multiple retinoic acid antagonist induces conotruncal anomalies, including transposition of the great arteries, in mice. *Cardiovasc Pathol.* 2006 Jul-Aug;15(4): 194-202

Amati F, **Biancolella M**, D'Apice MR, Gambardella S, Mango R, Sbraccia P, D'Adamo M, Margiotti K, Nardone A, Lewis M, Novelli G. Gene expression profiling of fibroblasts from a human progeroid disease (mandibuloacral dysplasia, MAD #248370) through cDNA microarrays. *Gene Expr.* 2004;12(1):39-47.