

# **Barbara Simionati**

## **Curriculum Vitae**

09/10/17

<b><u>Personal Data</u></b>	
<i>Place of Birth</i>	
<i>Date of Birth</i>	
<i>Nationality</i>	
<i>Gender</i>	
<i>Address</i>	
<i>Phone</i>	
<i>e-mail</i>	

<b><u>Education and titles</u></b>	
	<i>Internationalization</i> Year 2017
	<i>Web Marketing</i> Year 2016-2017
	“Head of the board” training course FSE: action research Year 2013-2014 Institution: Fondazione CUOA
	<i>Member of the National Order of Biologists</i> Year: dal 2008
	<i>President and AD of BMR</i> Year: 2007 - 2010
	<i>Genomics</i>
	<i>Internationale Master in Business and management</i> Year: 2004-2005 Institution: University of Padova
	<i>Bachelor of Science in Biology</i> Year: 1993 Institution: University of Padova Votazione 110/110

<b><u>Employment</u></b>	
	<u>BMR Genomics Director</u> Year: from 2007
	<u>BMR Genomics board of director member</u> Year: from 2007
	<u>Technician</u> Year: 1993-2007 Institution: University of Padova

<b><u>Conoscenze</u></b>	
	<u>Molecular biology</u> Sanger sequencing (manual and automatic) NGS sequencing Genotyping PCR PCR purification Plasmid, Fage BAC prep Cloning Restriction enzyme Library screening Southern blot RFLP AFLP

	RH mapping
<u>Languages</u>	English - good French - scolastic
<u>Informatics</u>	Windows, linux, mac Office, openoffice Image processing Web surfing Web developing (html, css, wordpress) Perl programming Sequencing analysis and data mining software Mysql
<u>Management</u>	Business planning (basi) HR management (basi) Project management (basi) Marketing e vendite (basi) Strategic management (basi) Quality management ISO9000

Doriana Franchini

<i>Papers</i>	<p>Sattin E, Andreani NA, Carraro L, Lucchini R, Fasolato L, Telatin A, Balzan S, Novelli E, Simionati B, Cardazzo B. A Multi-Omics Approach to Evaluate the Quality of Milk Whey Used in Ricotta Cheese Production. <i>Front Microbiol.</i> 2016 Aug 17;7:1272. doi: 10.3389/fmicb.2016.01272. eCollection 2016. PubMed PMID: 27582735; PubMed Central PMCID: PMC4987355.</p> <p>Guerra E, Cimadamore A, Simeone P, Vacca G, Lattanzio R, Botti G, Gatta V, D'Aurora M, Simionati B, Piantelli M, Alberti S. p53, cathepsin D, Bcl-2 are joint prognostic indicators of breast cancer metastatic spreading. <i>BMC Cancer.</i> 2016 Aug 18;16:649. doi: 10.1186/s12885-016-2713-3. PubMed PMID: 27538498; PubMed Central PMCID: PMC4991058.</p> <p>Sattin E, Andreani NA, Carraro L, Fasolato L, Balzan S, Novelli E, Squartini A, Telatin A, Simionati B, Cardazzo B. Microbial dynamics during shelf-life of industrial Ricotta cheese and identification of a <i>Bacillus</i> strain as a cause of a pink discolouration. <i>Food Microbiol.</i> 2016 Aug;57:8-15. doi: 10.1016/j.fm.2015.12.009. Epub 2015 Dec 31. PubMed PMID: 27052696.</p> <p>Maccagnan A, Riva M, Feltrin E, Simionati B, Vardanega T, Valle G, Cannata N. Combining ontologies and workflows to design formal protocols for biological laboratories. <i>Autom Exp.</i> 2010 Apr 23;2:3. doi: 10.1186/1759-4499-2-3. PubMed PMID: 20416048; PubMed Central PMCID: PMC2873243.</p> <p>Carelli V, Achilli A, Valentino ML, Rengo C, Semino O, Pala M, Olivieri A, Mattiazzini M, Pallotti F, Carrara F, Zeviani M, Leuzzi V, Carducci C, Valle G, Simionati B, Mendieta L, Salomao S, Belfort R Jr, Sadun AA, Torroni A. Haplogroup effects and recombination of mitochondrial DNA: novel clues from the analysis of Leber hereditary optic neuropathy pedigrees. <i>Am J Hum Genet.</i> 2006 Apr;78(4):564-74. Epub 2006 Jan 27. PubMed PMID: 16532388; PubMed Central PMCID: PMC1424694.</p> <p>Vezzi A, Campanaro S, D'Angelo M, Simonato F, Vitulo N, Lauro FM, Cestaro A, Malacrida G, Simionati B, Cannata N, Romualdi C, Bartlett DH, Valle G. Life at depth: <i>Photobacterium profundum</i> genome sequence and expression analysis. <i>Science.</i> 2005 Mar 4;307(5714):1459-61. PubMed PMID: 15746425.</p> <p>Zucchi I, Mento E, Kuznetsov VA, Scotti M, Valsecchi V, Simionati B, Vicinanza E, Valle G, Pilotti S, Reinbold R, Vezzoni P, Albertini A, Dulbecco R. Gene expression profiles of epithelial cells microscopically isolated from a breast-invasive ductal carcinoma and a nodal metastasis. <i>Proc Natl Acad Sci U S A.</i> 2004 Dec 28;101(52):18147-52. Epub 2004 Dec 17. PubMed PMID: 15608061; PubMed Central PMCID: PMC539802.</p>
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Michelucci R, Poza JJ, Sofia V, de Feo MR, Binelli S, Bisulli F, Scudellaro E, Simionati B, Zimbello R, D'Orsi G, Passarelli D, Avoni P, Avanzini G, Tinuper P, Biondi R, Valle G, Mautner VF, Stephani U, Tassinari CA, Moschonas NK, Siebert R, Lopez de Munain A, Perez-Tur J, Nobile C.

Autosomal dominant lateral temporal epilepsy: clinical spectrum, new epilempin mutations, and genetic heterogeneity in seven European families.

Epilepsia. 2003 Oct;44(10):1289-97. PubMed PMID: 14510822.

Nanni L, Pieroni M, Chimenti C, Simionati B, Zimbello R, Maseri A, Frustaci A, Lanfranchi G. Hypertrophic cardiomyopathy: two homozygous cases with "typical" hypertrophic cardiomyopathy and three new mutations in cases with progression to dilated cardiomyopathy.

Biochem Biophys Res Commun. 2003 Sep 19;309(2):391-8. PubMed PMID: 12951062.

Rampazzo A, Nava A, Malacrida S, Beffagna G, Bauce B, Rossi V, Zimbello R, Simionati B, Basso C, Thiene G, Towbin JA, Danieli GA. Mutation in human desmoplakin domain binding to plakoglobin causes a dominant form of arrhythmogenic right ventricular cardiomyopathy.

Am J Hum Genet. 2002 Nov;71(5):1200-6. Epub 2002 Oct 8. PubMed PMID: 12373648; PubMed Central PMCID: PMC385098.

Nobile C, Toffolatti L, Rizzi F, Simionati B, Nigro V, Cardazzo B, Patarnello T, Valle G, Danieli GA.

Analysis of 22 deletion breakpoints in dystrophin intron 49. Hum Genet. 2002 May;110(5):418-21. Epub 2002 Apr 9. PubMed PMID: 12073011.

Torroni A, Rengo C, Guida V, Cruciani F, Sellitto D, Coppa A, Calderon FL, Simionati B, Valle G, Richards M, Macaulay V, Scozzari R.

Do the four clades of the mtDNA haplogroup L2 evolve at different rates?

Am J Hum Genet. 2001 Dec;69(6):1348-56. Epub 2001 Oct 10. PubMed PMID: 11595973; PubMed Central PMCID: PMC1235545.

Cobellis G, Missero C, Simionati B, Valle G, Di Lauro R.

Immediate early genes induced by H-Ras in thyroid cells.

Oncogene. 2001 Apr 26;20(18):2281-90. PubMed PMID: 11402323.

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Salanoubat M, Lemcke K, Rieger M, Ansorge W, Unseld M, Fartmann B, Valle G, Blöcker H, Perez-Alonso M, Obermaier B, Delseny M, Boutry M, Grivell LA, Mache R, Puigdomènech P, De Simone V, Choisne N, Artiguenave F, Robert C, Brottier P, Wincker P, Cattolico L, Weissenbach J, Saurin W, Quétier F, Schäfer M, Müller-Auer S, Gabel C, Fuchs M, Benes V, Wurmbach E, Drzonek H, Erfle H, Jordan N, Bangert S, Wiedelmann R, Kranz H, Voss H, Holland R, Brandt P, Nyakatura G, Vezzi A, D'Angelo M, Pallavicini A, Toppo S, Simionati B, Conrad A, Hornischer K, Kauer G, Löhner TH, Nordsiek G, Reichelt J, Scharfe M, Schön O, Bargues M, Terol J, Climent J, Navarro P, Collado C, Perez-Perez A, Ottenwälter B, Duchemin D, Cooke R, Laudie M, Berger-Llauro C, Purnelle B, Masuy D, de Haan M, Maarse AC, Alcaraz JP, Cottet A, Casacuberta E, Monfort A, Argirou A, flores M, Liguori R, Vitale D, Mannhaupt G, Haase D, Schoof H, Rudd S, Zaccaria P, Mewes HW, Mayer KF, Kaul S, Town CD, Koo HL, Tallon LJ, Jenkins J, Rooney T, Rizzo M, Walts A, Utterback T, Fujii CY, Shea TP, Creasy TH, Haas B, Maiti R, Wu D, Peterson J, Van Aken S, Pai G, Militscher J, Sellers P, Gill JE, Feldblyum TV, Preuss D, Lin X, Nierman WC, Salzberg SL, White O, Venter JC, Fraser CM, Kaneko T, Nakamura Y, Sato S, Kato T, Asamizu E, Sasamoto S, Kimura T, Idesawa K, Kawashima K, Kishida Y, Kiyokawa C, Kohara M, Matsumoto M, Matsuno A, Muraki A, Nakayama S, Nakazaki N, Shinpo S, Takeuchi C, Wada T, Watanabe A, Yamada M, Yasuda M, Tabata S;  
European Union Chromosome 3 *Arabidopsis* Sequencing Consortium; Institute for Genomic Research; Kazusa DNA Research Institute. Sequence and analysis of chromosome 3 of the plant *Arabidopsis thaliana*.  
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