



## Europass Curriculum Vitae

### Personal information

First name(s) / Surname(s) **CHIARA VERDELLI**  
E-mail chiara.verdelli@libero.it  
Nationality Italian  
Date of birth 27 January 1984  
Gender Female

### Work experience

Dates	<i>March 2016-Present Time</i>
Occupation or position held	Researcher with term contract
Main activities and responsibilities	Laboratory activity – Parathyroid tumorigenesis and crosstalk between parathyroid and bone.
Name and address of employer	IRCCS Istituto Ortopedico Galeazzi, Laboratory of Sperimental Endocrinology
Type of business or sector	Scientific Research
Dates	<i>December 2010- December 2015</i>
Occupation or position held	Researcher with term contract
Main activities and responsibilities	Laboratory activity – Parathyroid tumorigenesis
Name and address of employer	IRCCS Policlinico San Donato, Laboratory of Molecular Biology
Type of business or sector	Scientific Research
Dates	<i>June 2010- December 2010</i>
Occupation or position held	Term contract
Main activities and responsibilities	Laboratory Activity
Name and address of employer	IRCCS Policlinico San Donato, Laboratory of Molecular Biology
Type of business or sector	Diagnostic activity

Dates | October 2008- June 2010

Occupation or position held | Fellowship

Main activities and responsibilities | Laboratory Activity

Name and address of employer | Cellular Pharmacology Unit, Department of Preclinic Sciences, LITA, Vialba, University of Milan

Type of business or sector | Scientific research

Dates | October 2006- February 2007

Occupation or position held | Fellowship

Main activities and responsibilities | Laboratory Activity

Name and address of employer | Department of Biomolecular Sciences and Biotechnologies, University of Milan

Type of business or sector | Scientific research

**Education and training**

September 2017 | Graduation in School of specialization in Medical Genetics, University of Milan  
Summa cum laude  
Thesis: " Expression profile of Long non-coding RNAs in human parathyroid tumors"

January 2015 | Registration to the Professional Biologist Register

January 2012 | Qualification to practice profession of biologist

March 2010 | Graduation in Biology Applied to Biomedical Research, Biological Sciences, University of Milan Summa cum laude  
Thesis:" Role of acid sphingomyelinase in melanoma tumorigenesis Laboratory Activity

February 2007 | Graduation in Biological Sciences, University of Milan  
Thesis: " Human myoblast culture: a sperimental model to study neuromuscular diseases"

**Personal skills and competences**

Mother tongue | Italian

Other language(s) | English

Self-assessment  
*European level (\*)*

**Language**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	Indipendent User	C1	Proficient User	B2	Indipendent User	B2	Indipendent User	B1	Indipendent User

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

Social skills and competences | Good team spirit and good adaptability and collaboration capabilities.

Organisational skills | Good ability to organize time and meet deadlines

Technical skills and competences	Cell culture, gene expression and gene silencing with stable and transient transfection, DNA and RNA extraction, electrophoresis, Western Blot, Southern Blot, Realtime PCR for gene expression, lncRNAs and microRNAs, PCR and RT-PCR, cytofluorimetry, immunofluorescence, Immunohistochemistry, microRNA overexpression, microRNA <i>in situ</i> Hybridization, FISH.
Computer skills and competences	<i>European Computer Driving Licence (ECDL)</i> Use of Windows and MacOS Competent with Microsoft Office suite
H-Index Research Gate Score	6 24.22
<b>Publications (n=18)</b>	<p><u>Verdelli C</u>, Avagliano L, Guarnieri V, Cetani F, Ferrero S, Vicentini L, Beretta E, Scillitani A, Creo P, Bulfamante GP, Vaira V, Corbetta S. <b>Expression, function, and regulation of the embryonic transcription factor TBX1 in parathyroid tumors.</b> Laboratory Investigation. 2017 Sep 18.</p> <p>Guarnieri V, Muscarella LA, <u>Verdelli C</u>, Corbetta S. <b>Alterations of DNA methylation in parathyroid tumors.</b> Molecular Cell Endocrinology. 2017 May 10.</p> <p><u>Verdelli C</u>, Corbetta S. <b>Epigenetic Alterations in Parathyroid Cancers.</b> Int J Mol Sci. 2017 Feb 1;18(2).</p> <p>Vaira V, <u>Verdelli C</u>, Forno I, Corbetta S. <b>MicroRNAs in parathyroid physiopathology</b> Mol Cell Endocrinol. 2017 Nov 15</p> <p>Mingione A, <u>Verdelli C</u>, Ferrero S, Vaira V, Guarnieri V, Scillitani A, Vicentini L, Balza G, Beretta E, Terranegra A, Vezzoli G, Soldati L, Corbetta S. <b>Filamin A is reduced and contributes to the calcium-sensing receptor sensitivity in human parathyroid tumors.</b> Journal of Molecular Endocrinology. 2017</p> <p><u>Verdelli C</u>, Corbetta S. <b>MECHANISMS IN ENDOCRINOLOGY: Kidney involvement in patients with primary hyperparathyroidism: an update on clinical and molecular aspects.</b> Eur J Endocrinol. 2017 Jan</p> <p>Peverelli E, Giardino E, Treppiedi D, Meregalli M, Belicchi M, Vaira V, Corbetta S, <u>Verdelli C</u>, Filopanti M, Locatelli M, Carrabba G, Malchiodi E, Cassinelli L, Lania AG, Ferrero S, Bosari S, Torrente Y, Spada A, Mantovani G. <b>Sphere-forming cells co-expressing stem cell and differentiative markers in non functioning pituitary tumors.</b> International Journal of Cancer. April 2017.</p> <p>Passeri E, Rigolini R, Costa E, <u>Verdelli C</u>, Arcidiacono C, Carminati M, Corbetta S. <b>Serum NT-proBNP levels are not related to vitamin D status in young patients with congenital heart defects.</b> Disease Markers, vol. 2016, 7 pages, 2016. doi:10.1155/2016/3970284.</p> <p>Sanpaolo E, Miroballo M, Corbetta S, <u>Verdelli C</u>, Boarda F, Balsamo T, Graziano P, Fabrizio FP, Cinque L, Scillitani A, Muscarella LA, Guarnieri V. <b>EZH2 and ZFX oncogenes in malignant behaviour of parathyroid neoplasms.</b> Endocrine. 2016</p> <p>Mingione A, <u>Verdelli C</u>, Terranegra A, Soldati L, Corbetta S. <b>Molecular and clinical Aspects of target therapy with the calcimimetic cinacalcet in the treatment of parathyroid tumors.</b> Current Cancer Drug Targets. 2015</p>

Verdelli C, Forno I, Vaira V, Corbetta S.

**MicroRNA deregulation in parathyroid tumours suggests an embryonic signature.**

J Endocrinol. Invest. 2015 Jan 11

Verdelli C, Forno I, Vaira V and Corbetta S.

**Epigenetic alterations in human parathyroid tumors reveals an embryonic epigenetic signature.**

Endocrine 02/2015; 49(2). DOI:10.1007/s12020-015-0555-4

Verdelli C, Avagliano L, Creo P, Guarnieri V, Scillitani A, Vicentini L, Stefano GB, Beretta E, Soldati L, Costa E, Spada A, Bulfamante GP, Corbetta S.

**Tumour-associated fibroblasts contribute to neoangiogenesis in human parathyroid neoplasia.**

Endocr Relat Cancer. 2015 Feb;22(1):87-98. doi: 10.1530/ERC-14-0161. Epub 2014 Dec 16.

Valaperta R, Rizzo V, Lombardi F, Verdelli C, Piccoli M, Ghiroldi A, Creo P, Colombo A, Valisi M, Margiotta E, Panella R, Costa E.

**Adenine phosphoribosyltransferase (APRT) deficiency: identification of a novel nonsense mutation.**

BMC Nephrol. 2014 Jul 1;15:102

Passeri E, Sansone VA, Verdelli C, Mendola M, Corbetta S.

**Asymptomatic myotonia congenita unmasked by severe hypothyroidism.**

Neuromuscular Disorders. 2014 Apr; 24(4):365-7

Bizzozero L, Cazzato D, Cervia D, Assi E, Simbari F, Pagni F, Monno A, Verdelli C, Rovere Querini P, Russo V, Clementi E, Perrotta C.

**Acid sphingomyelinase determines melanoma development, progression and metastatic behaviour via the microphthalmia-associated transcription factor signalling pathway.**

Cell Death Differentiation. 2014 Apr; 21(4):507-20

Valaperta R, Sansone V, Lombardi F, Verdelli C, Colombo A, Valisi M, Brigonzi E, Costa E. and Meola G.

**Identification and characterization of DM1 patients by a new diagnostic certified assay: neuromuscular and cardiac assessments.**

Journal of Biomedicine and Biotechnology

Vaira V, Elli F, Forno I, Guarnieri V, Verdelli C, Ferrero S, Scillitani A, Vicentini L, Cetani F, Mantovani G, Spada A, Bosari S, Corbetta S.

**The microRNA cluster C19MC is deregulated in parathyroid tumours.**

J. Molecular Endocrinology. 2012 Jul 26;49(2):115-24

#### PARTECIPAZIONE A CONGRESSI:

**miR372 is aberrantly expressed in most parathyroid tumors and might contribute to parathyroid tumorigenesis by inhibiting CDKN1A/p21 and LATS2. Oral presentation**

Verdelli C, Forno I, Vaira V, Guarnieri V, Scillitani A, Cetani F, Vicentini L, Balza G, Beretta E, Bosari S, Corbetta S.

**Tumour-associated myofibroblasts in parathyroid tumours. Poster**

Verdelli C, Avagliano L, Meregalli M, Guarnieri V, Scillitani V, Vicentini L, Stefano GB, Costa E, Valaperta R., Torrente Y, Spada A, Bulfamante GP, Corbetta S.

**Stem cell genes are deregulated in parathyroid tumours. Poster**

Verdelli C, Vaira V Forno I, Elli F, Guarnieri V, Ferrero S, Scillitani A, Vicentini L, Stefano GB, Cetani F, Spada A, Bosari S, Corbetta S

**Ruolo degli SNPs (Single Nucleotide Polymorphisms) dei geni coinvolti nella regolazione del metabolismo fosforico nella determinazione del rischio nefrolitiasico, osteoporotico e cardiovascolare nei pazienti affetti da iperparatiroidismo primitivo. Poster**

Verdelli C, Frigerio M, Barberini G, Valaperta R, Passeri E, Costa E1, Corbetta S.



