

## Europass Curriculum Vitae



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### Personal information

Surname(s) / First name(s)	<b>Surname(s) First name(s) GIOVANNA VIALE</b>	
Address(es)	Viale Pasubio 6. I – 20154 Milano, Italy	
Telephone(s)	(Home) +390228096161 (work) +390250314054	Mobile: +393406332795
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E-mail	Giovanna.viale@unimi.it	
Nationality	Italian	
Date of birth	07/07/1949	
Gender	female	

### Work experience

Dates	Since November 1 <sup>st</sup> 2016: Director of CusMiBio ( <u>C</u> entre of the <u>U</u> niversity and High <u>S</u> chool of <u>M</u> ilan-for <u>B</u> ioscience education).
	Since 2012: Associate Professor of General & Applied Biology, University of Milan at the Department of Medical Biotechnology and Translational Medicine (BIOMETRA).

	<p>Since 2004: Co-Director of CusMiBio (Centre of the University and High School of Milan-for Bioscience education).</p> <p>2000: Associate Professor of General &amp; Applied Biology, University of Milan at the Dept of Biology and Genetics for the Medical Sciences.</p> <p>1992: Associate Professor of General Biology, University of Milan, at the Molecular Immunoregulation Unit, DIBIT San Raffaele Scientific Institute.</p> <p>1980: Researcher - University of Milan, Dept of Biology and Genetics for the Medical Sciences.</p> <p>1974 Researcher - University of Genoa at the Institute of Biochemistry.</p>
<p><b>Stages at International Institutions</b></p>	<p>2007: Berlin. Two months stage to discuss and draft The Collaborative Agreement For High School Science Education Activities Between Cus-Mi-Bio-Universita' Degli Studi Di Milano And Bbb-Management Gmbh Campus Berlin-Buch</p> <p>2006: Institut de Formation et de Soins "LE BON SAMARITAIN", N'DJAMENA – TCHAD – AFRICA. School of Medicine. Lectur course in Bioinformatic</p> <p>2005: Institut de Formation et de Soins "LE BON SAMARITAIN", N'DJAMENA – TCHAD – AFRICA. School of Medicine. Lecture course in Cell Biology</p> <p>2002: Institut fur Molekulare Virologie, TU, Munchen, DE as writer and editor of scientific materials.</p> <p>2002: European Patent Office, Munchen, DE, Board of Appeal competent in Biotechnology</p> <p>2001: Institut fur Molekulare Virologie, TU, Munchen, DE as writer and editor of scientific materials.</p> <p>2001: Office of the Scientific Director, NIAID, Bethesda, MD. as scientific writer/editor and internet specialist.</p> <p>2000: Office of the Scientific Director, NIAID, Bethesda, MD. as scientific writer/editor and internet specialist.</p> <p>1993: Department of Pediatrics, (Dr. D.Vercelli), Children's Hospital, Harvard Medical School –Boston, MA.</p> <p>1985/86:EMBO long term fellowship at the Unité de Immunochimie Analytique (Prof P.A.Cazenave), Institut Pasteur, Paris, France.</p> <p>1978: EMBO short term fellowship at the Department of Pathology, Division of Immunology (Dr.A.Munro), University of Cambridge, UK.</p>
<p><b>Name and address of employer</b></p>	<p>Dipartimento di Biotecnologie mediche e Medicina Translazionale (BIOMETRA)  Universita' degli Studi di Milano  Via Fratelli Cervi, Segrate MI, Dir Amministrativa Via Vanvitelli 32 -20129 Milano, Italy</p>
<p><b>Sector</b></p>	<p>Public Education</p>
<p><b>Main activities and responsibilities</b></p>	<p>Teaching, Research, Research management, Grant Application, Science Education and Communication</p>

**Education and training**

Dates 1982: Specialty in Medical Genetics, University of Rome (top marks).  
 1976: Specialty in Microbiology, University of Genoa (top marks).  
 1972: Degree in Biological Sciences at University of Genoa, (Institute of Microbiology) top marks.

**Personal skills and competences**

Mother tongue(s) **Italian**

Other language(s) **English and French**

Self-assessment  
*European level (\*)*

<b>Understanding</b>				<b>Speaking</b>				<b>Writing</b>		
Listening		Reading		Spoken interaction		Spoken production				
<b>English</b>	C 2	Proficient User	C 2	Proficient User	C 2	Proficient User	C 2	Proficient User	C 2	Proficient User
<b>French</b>	C 2	Proficient User	C 2	Proficient User	C 2	Proficient User	C 2	Proficient User	C 2	Proficient User

**Social skills and competences**

Good social and communication skills developed in the numerous stages abroad, in environments as diverse and multicultural as Academy and NGOs.

**Organisational skills and competences**

Planning and direction of research activity. Coordination planning, scientific supervision and management of CusMiBio (Centre of the University and High School of Milan-for Bioscience education) activities.

**Technical skills and competences**

Main Laboratory Techniques in Molecular Biology and Immunology

**Computer skills and competences**

Advanced knowledge of Apple and Window Technology, Use of the main software Microsoft, Adobe, MacroMedia, and of bioinformatics software and online tools, among which NCBI databases, Ensembl, UCSC Genome Bioinformatics, BLAST, ClustalW, Protein Data Bank, Swiss-PDB viewer, Cn3D, DeepView. Competence in development of materials and tools for e-learning platforms.

**Artistic skills and competences**

School of watercolor in Bethesda, Maryland and in Milano. Music score reading, Auditorium Giuseppe Verdi, Milano. Creation and manufacturing of fashion jewels & accessories

**Sport skills and competences**

swimming, sailing, cycling, skiing, kajak

**Driving licence**

Italian Driving License type B. Maryland Driving License. Nautical License

**Additional information**

Include here any other information that may be relevant, for example contact persons, references, etc. (Remove heading if not relevant, see instructions)

**Annexes**

List of publication in Medline (2008-2019)

Hedgehogs, humans and high-school science. The benefits of involving high-school students in university research

Giulio Pavesi, Antonio Siccardi, Giovanna Viale, Cinzia Grazioli, Tiziana Calciolari, Maria Luisa Tenchini & Paolo Plevani

EMBO reports 9, 3, 208–211 (2008).

Biologia in evoluzione : comprendere la vita. Biologi molecolari in classe / S. Alters, B. Alters ; [a cura di] G. Viale, C. Grazioli. - Milano : Le Monnier Scuola, 2009. - ISBN 978-88-00-20911-3.

Cinzia Grazioli, Cristina Gritti, Giulio Pavesi, Giovanna Viale, Paolo Plevani

Apprendisti Ricercatori: investire nel futuro della ricerca.

In: Atti del VII Convegno Nazionale sulla Comunicazione della Scienza. Polimetrica Publisher, Italy, 2009. pp. 115-120. ISBN 978-88-7699-165-3 (printed): ISBN 978-88-7699-166-0 (electronic)- [Open Access Publication](#)

Studenti in Laboratorio. Paolo Plevani, G. Viale, C. Grazioli, Cristina Gritti. Zanichelli 2012 ISBN 978-88-08-05833—1

C. Grazioli, L. Pirovano, G. Viale, P. Plevani

From school to university: a round trip

In: Proceedings International Workshop Science education and guidance in schools: the way forward - 21-22 October 2013 Auditorium Sant'Apollonia, Florence, Italy, ed. by Raschi, A., Di Fabio, A. and Sebastiani, L. Edizioni ETS, Florenz, Italy, ISBN 978-88-903469-2-7

Talented students and motivated teachers: an interactive and synergistic tandem to design innovative hands-on learning practices in biosciences. CusMiBio and the City DNA Barcode project in Italy.

David S Horner, Giovanna Viale, Cinzia Grazioli, Livia Pirovano, David Micklos, Paolo Plevani In: Teaching Gifted Learners in STEM Subjects: Developing talent in science, technology, engineering and mathematics. Keith S. Taber & Manabu Sumida (Editors), Routledge, London. 2017. ISBN 9781138903043 Series: Routledge Research in Achievement and Gifted Education

Opening advanced laboratories to school students: Our model for structuring round-trip activities from school to university and back

Keith Goldstein, Noa Seri, Giovanna Viale, Cinzia Grazioli, Livia Pirovano, Noa Ofrath Belmonte Science Laboratories Center at the Hebrew University of Jerusalem, Israel and Center of the University and Schools of Milan for Bioscience Education (CusMiBio) at the University of Milan, Italy.

Israel Journal of Chemistry, special issue on "Chemistry Education"  
published online 27 November 2018

<https://doi.org/10.1002/ijch.201800096>