

PERSONAL INFORMATION

Valentina Pirola

 via San Francesco, 8 20080 Albairate (Milano) (Italy)

 +393407943519

 valentina.pirola@tiscali.it

Sex Female | Date of birth 28 Nov 88 | Nationality Italian



STUDIES APPLIED FOR

PhD in chemistry

WORK EXPERIENCE

25 Oct 12 - 20 Dec 12

University tutor

University of Pavia , Corso Strada Nuova, 65, 27100 Pavia (PV) (Italy)

Coaching to the teacher in the performance of teaching lessons and exercises of the course of Chemistry for Geologists

2 May 12 - 16 May 12

University tutor

University of Pavia , Corso Strada Nuova 65, 27100 Pavia (PV) (Italy)

Coaching to the teacher in the performance of teaching laboratory of the course of Analytical Chemistry II for Chemical

10 Jan 12 - 1 Feb 12

University tutor

University of Pavia , Corso Strada Nuova, 65, 27100 Pavia (PV) (Italy)

Coaching to the teacher in the performance of teaching laboratory of the course of General and Inorganic Chemistry for Biologists

EDUCATION AND TRAINING

1 Nov 12 - Present

PhD in chemistry

University of Pavia, Corso Strada Nuova, 65, 27100, Pavia (PV) (Italy)

Currently enrolled in the PhD first year in Chemistry, working in the Research Laboratory of Bioinorganic Chemistry, Department of Chemistry, General Chemistry section Synthesis, Structure and Reactivity of Inorganic and Organic Molecules.

In particular the study is focused on redox reactions induced by metal complexes of peptide fragments of the protein amyloid A β and other neuronal proteins of interest, such as tau and prion proteins, and the effects related to the aggregation properties of these adducts in the presence of metals, as they are considered among the factors responsible for the neurotoxicity associated with Alzheimer's disease.

May 13

Summer School Chemistry on Metals in Biological Systems

Louvain-La-Neuve (Belgium)

Nov 12

Licensed Professional Chemist

State certified to practice chemistry

Oct 10 - Jul 12

Master in Chemistry

University of Pavia, Corso Strada Nuova, 65, 27100, Pavia (PV) (Italy)

Integration within Analytical Chemistry, Organic Chemistry, General Chemistry, and Supramolecular Bioinorganic Chemistry, Chemometrics, Principles of Pharmacology, Spectroscopic techniques of interpretation.

Internship master thesis at the Laboratory of Bioinorganic Chemistry from October 2011 to July 2012. Grades received: 110/110 cum laude

Oct 07 - Sep 10 **Bachelor in Chemistry**
 University of Pavia, Corso Strada Nuova, 65, 27100, Pavia (PV) (Italy)
 Analytical Chemistry, Organic Chemistry, Physical Chemistry, Inorganic Chemistry.
 Thesis work at the Laboratory of Bioinorganic chemistry.
 Grades received: 110/110

Sep 02 - Jul 07 **Baccalaureate in Scientific High School**
 Scientific high school Blaise Pascal, 20081 Abbiategrasso (MI) (Italy)
 Scientific P.N.I. (experimentation National Plan for Information Technology)
 evaluation 100/100

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	B2	C1	C1
French	B2	B1	B1	B1	B2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
[Common European Framework of Reference for Languages](#)

Organisational / managerial skills Team work: I worked in various types of teams; experience in the management of working groups.
 Intercultural skills: I experienced working in an international dimension.

Job-related skills Ability to use UV-vis spectrophotometry, HPLC, mass spectrometry and nuclear magnetic resonance spectroscopy (NMR).

Computer skills Excellent knowledge of Office™ (Excel™, Word™ and Power Point™), and of others data management 's program as SigmaPlot and FWIN. Good knowledge of molecular design software (ChemDraw) and evaluating chemical equilibria and plotting software (Hydra / Medusa).

ADDITIONAL INFORMATION

Personal Interests: Volunteer experiences
 August 2008 educator in a juvenile male prison in Kahawa West (Kenya).
 August 2009 - September 2010 helper in a centre for malnourished children and care in a medical clinic for the management of medicines in Bula (Guinea Bissau).
 September 2008 - July 2009 educator for the group "Animondo" under Caritas Ambrosiana
 September 2007 - January 2011 experience of clown-therapy in the hospital
 From October 2011 - ambulance's operator of emergency / urgency service for the local health institution
 August 2012 - construction of bricks and training courses for young people aged 16 to 30 years at the Centre Jeneus Kamenge, Bujumbura, Burundi.

Patent B