Europass Curriculum Vitae

Personal information

First name(s) / Surname(s)	**Marco Vincenti**
Professional address	Dipartimento di Chimica, Università degli Studi di Torino - Via Pietro Giuria, 7 – 10125 Torino
Professional telephone	011.670.5264 – 011.9022.4245
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Fax	011.670.5242
E-mail	marco.vincenti@unito.it
Skype	marcovincenti59
Nationality	Republic of San Marino
Date of birth	06.02.1959
Gender	Male

Professional experience

January-July 1983:	Product Manager Junior at Bracco Industrie Chimiche S.p.A. - Milano
October 1983 - August 1990:	Person in charge / Manager – Mass Spectrometry Laboratory – Research Center "Istituto Guido Donegani"- Montedison Corporate – Novara, Italy
July-December 1986 - September-October 1987 & 1988:	Visiting Scientist at the “Aston Laboratory” supervisor: Prof. R. Graham Cooks - Purdue University, Indiana, U.S.A
September 1990 - October 1998:	Assistant Professor at the Department of Analytical Chemistry, University of Turin
November 1998 - September 2006:	Associate Professor at the Department of Analytical Chemistry, University of Turin
October 2006 up to now:	Full Professor of Analytical Chemistry the Department of Chemistry, University of Turin
October 2000 – October 2010:	President of the MS degree program in "Clinical, Forensic Chemistry & Doping Control"
October 2010 - September 2015:	President of the BS degree program in “Chemistry & Chemical Technologies”
September 2012 - September 2015:	Vice-Director for the teaching programs at the Department of Chemistry, University of Turin
October 2015 – September 2021	Director of the Department of Chemistry, University of Turin
October 2015 – September 2021	Member of the Academic Senate, University of Turin
October 2018 – September 2021	President ot the Personnel Commission of the Academic Senate, University of Turin
October 2021- up to now	Board Member of the University of Turin
2005 up to now:	President of the Scientific Committee of the “Piedmont’s consortium for the prevention and repression of doping and other illicit use of drugs”
2008 – March 2019	Technical Director of the Regional Antidoping Center & Regional Toxicology Laboratory “Alessandro Bertinaria”, Orbassano (Turin, Italy)
March 2019 up to now:	Scientific Director of the Regional Antidoping Center & Regional Toxicology Laboratory “Alessandro Bertinaria”, Orbassano (Turin, Italy)

Education and training

July 1977:	Scientific High School degree, Istituto Galileo Ferraris of Turin, with grade 60/60
July 1982:	MS degree in Chemistry, University of Turin, with grade 110/110 cum laude & recommendation for publication
November 1982:	State qualification to practice as Professional Chemist

Foreign languages skills

Mother tongue(s): **Italian**

Other language(s) self-assessment

	Understanding		Speaking		Writing
European level (*)	Listening	Reading	Spoken interaction	Spoken production	
English	Proficient user	Proficient user	Proficient user	Proficient user	Proficient user
French	Independent user	Proficient user	Independent user	Independent user	Basic user
German	Basic user	Independent user	Basic user	Basic user	Basic user

(*) *Common European Framework of Reference for Languages*

Present university teaching activity (teaching classes)

Applied Instrumental Analytical Chemistry	BS program in "Chemistry & Chemical Technologies"
Instrumental Analytical Chemistry & Chemometrics	MS program in "Clinical, Forensic Chemistry & Doping Control"
Chemometrics	MS program in “Chemistry”
Introductory Chemometrics	PhD program in Chemical & Material Sciences

Bibliometric addresses & indexes

ORCID: orcid.org/0000-0002-6275-7194

Google Scholar: https://scholar.google.it/citations?user=psAo9C8AAAAJ&hl=it

Scopus Author ID: 7006721679

Researcher ID: M-3495-2015

N° publications on “peer reviewed” international journals	**197**	
N° published book chapters	**8**	
N° Citatios (updated 30.04.2020)	Google Scholar: **6875**	Scopus: **5229**
H-index (updated 30.04.2020	Google Scholar: **48**	Scopus: **43**

Awards & fellowships

“Alessandro Mangia” Award for Bioanalytical Research (2018) – from the Analytical Division of the Italian Chemical Society (Bioanalytical group)

Scientific & professional Societies

Italian Chemical Society (SCI) – Coordinator of the Divisional Group “Forensic Analytical Chemistry”

American Society for Mass Spectrometry (ASMS)

The International Association of Forensic Toxicologists (TIAFT)

Society of Hair Testing (SoHT) – Member of the Scientific Board

Gruppo Tossicologi Forensi Italiani (GTFI)

National Council of Chemists

Past & present international scientific collaborations

Prof. Cooks (Purdue University), Member of the U.S. National Academy of Sciences

Prof. Donald Cram (UCLA), Nobel Prize for Chemistry

Dr. Robert Blackledge (Forensic Laboratory of the U.S. Navy, S. Diego, CA)

Prof. Susan Richardson (Environmental Protection Agency, Athens, GA, USA)

Prof. Pirjo Vainiotalo (University of Joensuu, Finland)

Prof. Mario Thevis (German Sport University Cologne, Germany)

Prof. Markus Baumgartner (University of Zurich, Switzerland)

Prof. Ian Dadour (Boston University School of Medicine, Boston, MA)

Prof. Joseph Palamar (New York University, New York, NY)

Prof. Grzegorz Zadora (University of Silesia, Katowice, Poland)

Past & present scientific interests

Years 1983-1990

Prior to joining the University of Torino in 1990, Prof. Vincenti worked for 7 years in the corporate research center of the major Italian chemical industry (Istituto Guido Donegani – Montedison Corporate Group – Novara, Italy), as the person in charge of the mass spectrometry lab. In 1986, he was Visiting Scientist in the "Aston Laboratory" of Prof. Graham R. Cooks at the Purdue University (Indiana - USA). He investigated innovative tandem mass spectrometric techniques, associated with collisional activation on solid surfaces and gases. He also developed new ionization and excitation procedures for the structural determination of new drugs and biomolecules, polymeric materials and industrial products.

Years 1990-1992

In the period 1990-1992 he published pioneering studies involving host-guest supramolecular interactions in the gas phase, which opened a new research field still very active. In the same years he collaborated with Prof. Donald Cram, UCLA, Nobel Prize for Chemistry.

Years 1993-2000

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From 1993, he started studying new derivatizing reagents (hydrophobic chloroformates) for the determination of highly hydrophilic organic and biological molecules directly in the water matrix (natural and drinking water, biological fluids) and collaborated with the U.S. Environmental Protection Agency (Cooperative Agreement R-82795101-1) for the determination of new and unexpected by-products of water disinfection processes.
In the same years he collaborated with the research group of Prof. Ezio Pelizzetti, in the characterization of the degradation by-products originating from micro-pollutants treated by advanced oxidation technologies (photocatalysis). He also collaborated to the research addressed to the formation mechanisms of organic micro-pollutants in the atmosphere.

Years 2000-up to now

In the years 2000, he progressively re-oriented his research interests that were addressed to the applications of mass spectrometry and analytical chemistry in the forensic, toxicological and clinical areas, in agreement with his new teaching mission within the Master program in “Clinical, Forensic Chemistry & Doping Control”.

Currently, his research interests are addressed to the analytical determination and structural characterization of biological markers, drugs of abuse, and psychoactive drugs. He also investigates the biochemical effects produced by the administration of anabolic substances illegally utilized in the animal husbandry and sport practice. These activities involve the development of innovative methods of multivariate data-analysis together with the optimization and exploitation of metabolomics and chemometrics approaches. The latter also include the pioneering application of Bayesian statistic methods to the clinical and toxicological fields of interest.

He also collaborates with pharmacologists and pathologists for in-vivo pharmacokinetics and metabolism studies of doping agents illegally utilized in sport and animal husbandry.

He develops new analytical methods on alternative biological matrices (oral fluid, hair, sweat) for detecting the administration (conscious, unaware or forced) of psychoactive substances, drugs of abuse and rape-drugs. He also studies alcohol abuse by multivariate chemometric approaches and Bayesian statistical modelling.

He collaborates with the R.I.S. Carabinieri for seized drugs profiling, genetic biomarkers interpretation, and the development and validation of new methods for evidencing latent biological traces. He also collaborates with the investigative Police, Bench, regional government and forensic pathologists for the analysis of seized drugs and biological samples arising from post-mortem examinations.

Under his Direction, the Regional Antidoping Center “A. Bertinaria” became Reference Laboratory for Toxicology and obtained ISO/IEC 17025 accreditation (since 2011) for a large number of analytical methods used for the determination of psychoactive drugs, alcohol abuse markers and drugs of abuse in a variety of biological matrices. At present the Laboratory executes more than 300,000 analytical determinations/year on more than 65,000 biological samples/year; it is also the Laboratory processing the highest number of hair samples per year (18,000).

Date & Signature	Turin, 25.11.2022