

EUROPEAN
CURRICULUM VITAE
FORMAT



PERSONAL INFORMATION

Name	FABIO GOSETTI
Address	UNIVERSITÀ DEGLI STUDI DI MILANO-BICOCCA PIAZZA DELLA SCIENZA 1, MILANO - 20126
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E-mail	fabio.gosetti@unimib.it
Nationality	Italian
Date of Birth	██████████
Gender	male

WORK EXPERIENCE

- Dates (from - to) December 2019 - today
- Name and address of the employer Università degli Studi di Milano-Bicocca – Department of Earth and Environmental Sciences
 - Type of business or sector
 - Occupation or position held **Assistant Professor – Analytical Chemistry (CHIM/01)**
- Main activities and responsibilities
- Dates (from - to) January 2006 – November 2019
- Name and address of the employer Università degli Studi del Piemonte Orientale - Department of Science and Technological Innovation
 - Type of business or sector
 - Occupation or position held **Laboratory Technician expert in the field of hyphenated techniques**
- Main activities and responsibilities

EDUCATION AND TRAINING

- Dates (from - to) 2002 – 2005
- Name and type of organisation providing education and training Università degli Studi del Piemonte Orientale
- Principal subjects/occupational skills covered Methods of analysis and control in food chemistry by chromatographic techniques with UV-vis and mass spectrometry detections
- Title of qualification awarded **Doctorate in Chemical Sciences**
- Dates (from - to) 2002 – 2003
- Name and type of organisation providing education and training For.AI & Università degli Studi del Piemonte Orientale
- Principal subjects/occupational skills covered Quality Systems Designer for Industrial Processes and Measurement Laboratories
- Title of qualification awarded **II level Master Degree (97/100)**
- Dates (from - to) 1997 - 2002

- Name and type of organisation providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

Università degli Studi del Piemonte Orientale

Experimental degree thesis in analytical chemistry aimed at studying the food dye degradation in beverages by HPLC-MS/MS

Graduate in Chemistry *Summa cum Laude*

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE
OTHER LANGUAGES

ITALIAN
ENGLISH

SCIENTIFIC SKILLS AND COMPETENCES

Living and working with other people, in multicultural environments, in positions where communication is important and situations where teamwork is essential (for example culture and sports), etc.

- Research interests (5 Key words): analytical method development, untargeted analysis, UHPLC-MS/MS, environmental and food safety
- Author of 82 manuscripts published in international peer-review journals, 10 book chapters (invited) and 51 conference proceedings
- Communications at national and international congresses (more than 135 communications)
- Attendee at more than 100 national and international schools, congresses, seminars and workshops
- Since 2008 reviewer for several international journals (e.g. Mass Spectrometry Reviews, Trends in Analytical Chemistry, Analytical Chemistry, Analytical and Bioanalytical Chemistry, Food Chemistry...)
- Since 2015, Editorial Board Member of Current Chromatography, Journal of Pharmaceutical Analysis, Separations, Chemosensors
- Since 2018 Member of the European Science Foundation College of Expert Reviewers
- Lecturer of 30 academic modules or courses (i.e. Analytical Chemistry, Instrumental Analytical Chemistry and Laboratory, Hyphenated techniques, Advanced Analytical Chemistry)
- Supervisor or co-supervisor of 38 Bachelor Degree and Master Degree Thesis in Chemistry and Chemical Sciences, and 2 PhD thesis in Chemical Sciences
- 2006: Winner of the award "Young Researcher" of the Analytical Chemistry Division of the Italian Chemical Society
- 2004: Award "Giovanni Galii" taking part at the 8th School of Mass Spectrometry for graduate students organized by the Mass Spectrometry Division of the Italian Chemical Society
- 2003: Award for the best graduate of the Faculty of Mathematical Physical and Natural Sciences of the University of Piemonte Orientale (academic year 2001/2002)
- 2003: Award of the Analytical Chemistry Division of Italian Chemical Society for the best national degree thesis (academic year 2001/2002)

RELEVANT ROLES AND COMPETENCES

Coordination and administration of people, projects and budgets; at work, in voluntary work (for example culture and sports) and at home, etc.

- 2022-2024: Member of Board of Directors of Interdivisional Group of Separation Sciences (Italian Chemistry Society)
- 2021-2025: Responsible for the collaboration with the Prefecture of Milano for the "Determination of the qualitative and quantitative content of psychotropic substances"
- Member of the Scientific Committee of GEMMA (Geo Environmental Measuring and Monitoring from multiple platforms) of Università degli Studi di Milano-Bicocca
- Member of the Organizing Committee of the Global Summit on Pharmaceuticals and Drug Delivery Systems (GSPDDS2022) (Munich, 2022)
- Member of the Scientific Committee of PharmaMeet2022, International meet on pharmaceuticals and drug delivery systems (Tokyo, 2022)
- Member of the Organizing Committee of the 16th European Meeting Environmental Chemistry (Turin, 2015)
- Co-operation as a unit member in 12 national and international research projects. The three most important ones in the last 10 years:
 - o 2018-2021: H2020 / Marie Skłodowska-Curie Actions. European Innovative Training Network "Interdisciplinary cross-sectoral approach to effectively address the removal of contaminants of emerging concern from water" (AQUALITY), Grant number 765860
 - o 2016-2018: Fondazione Cariplo: "Molecular linkage between translation, epigenetic changes, metabolism and the development of insulin resistance"
 - o 2014-2015: Fondazione Cariplo: "WATPAD: WATER impacts of PADdy

environment"

- Coordinator or referent for 15 industrial research contracts (e.g., Solvay Solexis, Ebrille Spa, Assovetro srl, Coop Italia, ARPAV, Solfotecnica, Italfarmaco SpA)
- Since 2003 Member of the Analytical Chemistry Division of the Italian Chemical Society
- Since 2003 Member of the Mass Spectrometry Division of the Italian Chemical Society
- Since 2012 Member of the Interdivisional Group of Separation Sciences of the Italian Chemical Society
- Since 2019 Member of the Nanobiotechnologies Centre for Health NANOMIB of Univerità degli Studi di Milano-Bicocca

PUBLICATION INDEXES (SCOPUS)


- NUMBER OF PUBLICATIONS: 90
- TOTAL NUMBER OF CITATIONS: 2608
- H-INDEX: 27

10 MOST RELEVANT PUBLICATIONS In the last 10 years.

1. Dugheri S, Mucci N, Squillaci D, Bucaletti E, Cappelli G, Trevisani L, Valsecchi C, Consonni V, Gosetti F, Ballabio D, Arcangeli F. (2022). Expanding antineoplastic drugs surface monitoring profiles: enhancing of zwitterionic hydrophilic interaction methods. *Separations* (in press).
2. Furia F, Minella M, Gosetti F, Turci F, Sabatino R, Di Cesare A, Como G, Vione D. (2021) Elimination from wastewater of antibiotics reserved for hospital settings, with a Fenton process based on zero-valent iron (ZVI-Fenton). *Chemosphere*, 283, 131170.
3. Gosetti F, Belay M, Marengo E, Robotti E. (2020). Photodegradation study of irinotecan and identification of transformation products in water samples by UHPLC-MS/MS. *Environmental Pollution*, 256, 113370-80.
4. Gosetti F, Nebbia C, Ceci L, Carelli G, Marengo E. (2019). UHPLC-MS/MS determination of oleandrin in blood and tissues of dairy cattle poisoned by oleander (*Nerium oleander*). *Analytical Methods*, 11, 5562-5567.
5. Gosetti F, Robotti E, Bolfi B, Mazzucco E, Quasso F, Manfredi M, Silvestri S, Facchi A, Marengo E. (2019). Monitoring of water quality inflow and outflow of a farm in Italian Padana plain for rice cultivation: a case study of two years. *Environmental Science and Pollution Research*, 26, 21274-21294.
6. Gosetti F, Bolfi B, Robotti E, Manfredi M, Binotti M, Ferrero F, Bona G, Marengo E. (2018). Study of endocrine disrupting compound release from different medical devices through an on-line SPE UHPLC-MS/MS method. *Analitica Chimica Acta*, 1042, 141-154.
7. Gosetti F, Chiuminatto U, Martinotti S, Bolfi B, Ranzato E, Manfredi M, Marengo E. (2016). Characterization of the volatile and non-volatile fractions of heartwood aqueous extract from *Pterocarpus marsupium* and evaluation of its cytotoxicity against cancer cell lines. *Planta Medica*, 82, 1295-1301.
8. Gosetti F, Bolfi B, Manfredi M, Calabrese G, Marengo E. (2015). Determination of eight polyphenols and pantothenic acid in extra-virgin olive oil samples by a simple, fast, high-throughput and sensitive ultra high performance liquid chromatography with tandem mass spectrometry method. *Journal of Separation Science*, 38, 3130-3136.
9. Gosetti F, Chiuminatto U, Mazzucco E, Mastroianni R, Marengo E. (2015). Ultra high performance liquid chromatography tandem high resolution mass spectrometry analysis of sixteen red beverages containing carminic acid: identification of degradation products by using principal component analysis - discriminant analysis. *Food Chemistry*, 167, 454-462.
10. Gosetti F, Mazzucco E, Gennaro MC, Marengo E. (2013). Simultaneous determination of sixteen underivatized biogenic amines in human urine by HPLC-MS/MS, *Analytical and Bioanalytical Chemistry*, 405, 907-916.

According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV

Milano, 06.07.2022


Signature