

PERSONAL INFORMATION Maurizio Quinto



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WORK EXPERIENCE

From	To	Role
01/01/2020	present	Full Professor University of Foggia – DAFNE – via Napoli 25 – I-71122 Foggia - ITALIA Teaching Activities: General Chemistry, Electrochemistry, Physical Chemistry, Analytical Chemistry, Spectroscopy, Chemometrics. Analytical Chemistry Laboratories Scientific Team Manager. Research activities in the field of Analytical Chemistry. Author and Co-author of more than 120 papers and Congress participation (posters and oral presentations).
01/08/2018	present	Academic backbone Researcher for “The Base of Recruiting Talents for Interdisciplinary Innovation on Protection and Utilization of Natural Resources of Changbai Mountain” Yanbian University – Yanji - China "Academic Committee Member" and "Key Academic Member" of the project "The base of recruiting Talents for Disciplinary Innovation on Natural Resources and Functional Molecules", in the Mainframe Program of Introducing Talents of Discipline to Universities, 111 Plan (https://en.wikipedia.org/wiki/Plan_111). Guide and participate scientific research in Micro Separation and Analysis. Co-supervise doctoral students and postdoctoral fellows. Co-apply for major Projects and Research activities in the field of Analytical Chemistry. Sector Analytical Chemistry
05/03/2023	Present	Member of the Internationalization Committee of the Italian Chemical Society Società Chimica Italiana – Viale Liegi 43 – Roma – ITALY – http://www.soc.chim.it Coordination and supervision of internationalization activities of the Italian Chemical Society. Sector Public international relations among Chemistry worldwide Societies.
04/11/2008	31/12/2022	Rector Delegate for Information and Communication Technologies (ICT) Area University of Foggia – via Gramsci 89-91 – I-71100 Foggia - ITALY Coordination and supervision of the activities of the Information Systems and Technological Innovation Sector of the University of Foggia. Sector Information and Communication Technologies
23/04/2019	31/12/2020	Member of the Italian University Council (Consiglio Universitario Nazionale, CUN) Ministero dell'Università e della Ricerca Scientifica – Roma - ITALY Elective assembly representing the university system. Sector University administration at national level.
01/01/2005	31/12/2020	Associate Professor University of Foggia – SAFE Department – via Napoli 25 – I-71100 Foggia – ITALY Teaching Activities: General Chemistry, Electrochemistry, Physical Chemistry, Analytical Chemistry, Spectroscopy, Chemometrics. Analytical Chemistry Laboratories Scientific Team Manager. Research activities in the field of Analytical Chemistry. Author and Co-author of more than 100 papers and Congress participation (posters and oral presentations). Sector Analytical Chemistry

- 01/01/2017 31/12/2019 **President of the Apulia Section of the Italian Chemical Society**
Società Chimica Italiana – Viale Liegi 43 – Roma – ITALY – <http://www.scipuglia.it>
Coordination and supervision of activities of the Puglia Section of the Italian Chemical Society.
Sector Chemistry
- 20/02/2015 19/02/2018 **Member of the Waste Evaluation Committee**
Province of Foggia – Assessorato all'Ambiente - p.zza XX Settembre, 20 71100 Foggia
Evaluation of the eligibility criteria of new proposal and/or projects in the field of waste treatment plants presented to the Province of Foggia.
Sector Environmental Chemistry
- 01/01/2015 05/01/2018 **Chair Professor Employment “Top-level Talents”**
Yanbian University – Yanji - CHINA
Teaching Activities: General Chemistry, Electrochemistry, Physical Chemistry, Analytical Chemistry, Spectroscopy, Chemometrics.
Analytical Chemistry Laboratories Scientific Team Manager.
Research activities in the field of Analytical Chemistry.
Sector Analytical Chemistry
- 01/01/2010 31/12/2016 **Secretary-Treasurer of the Apulia Section of the Italian Chemical Society**
Società Chimica Italiana – Viale Liegi 43 – Roma - ITALY
Coordination and supervision of activities of the Puglia Section of the Italian Chemical Society.
Sector Chemistry
- 30/04/2009 07/01/2010 **Member of the Board of Directors of Daisy-net srl**
Daisy-net s.c.r.l. – via Orabona, 4 c/o Dip di Informatica 70126 – Bari
Supervision and coordination of the scientific activities of the company.
Sector Information and Communication Technologies
- 01/01/2009 30/06/2013 **Technical Manager**
Uni Tech s.r.l. – Via Gramsci 89-91 Foggia – ICT society
Supervision and coordination of scientific activities of the company.
Member of the Board of Directors of the Company.
Coordination of the ICT Area and supervision of the innovations in the ICT field at University of Foggia.
Sector Information and Communication Technologies
- 01/11/2007 30/10/2014 **Member of the Environmental Impact Evaluation Committee (VIA Foggia)**
Province of Foggia – Assessorato all'Ambiente - p.zza XX Settembre, 20 71100 Foggia
Evaluation of the eligibility criteria of new proposal and/or projects of business activities from the environmental point of view at the Foggia Province.
Sector Environmental Chemistry
- 01/09/2007 31/08/2010 **Member of Academic Senate**
University of Foggia – via Gramsci 89-91 – I-71100 Foggia - ITALY
Sector Administrative activity at University level.
- 01/03/2005 31/12/2010 **Member of the Technical-Scientific Commission – Eurispes Puglia**
Political, Economical and Social Research Institute “Eurispes Puglia”
Sector Statistical studies and analyses.
- 01/10/2000 31/12/2004 **Researcher**
University of Foggia – SAFE Department – via Napoli 25 – I-71122 Foggia - ITALY
Teaching Activities: General Chemistry, Electrochemistry, Physical Chemistry, Analytical Chemistry, Spectroscopy, Chemometrics.
Analytical Chemistry Laboratories Scientific Team Manager.
Research activities in the field of Analytical Chemistry.
Sector Analytical Chemistry

DIDACTIC ACTIVITIES

- For a complete description of Prof. Quinto's didactical activities visit the page:
https://drive.google.com/file/d/1K0X4vd2Qp_kMLSjmXSqE4RRH7gSHIK_H/view?usp=sharing

EDUCATION AND TRAINING

- April 1999 – September 2000 **Post-doc Fellow**
University of Texas - Austin - Texas, USA
Research topics: characterization of ladder and semi-ladder polymers by Scanning Electrochemical Microscopy (SECM).
Teaching Activities: "Electroactive layers and modified electrodes", course for PhD students.
Sector Electroanalytical Chemistry
- November 1995 – October 1998 **Ph.D. in Analytical Chemistry**
University of Bari – via Orabona 4 – 70125 Bari
Research topic: fabrication and characterization of several biosensors based on electrochemical conducting and non-conducting entrapping polymers.
Atomic Force Microscopy (AFM) was used to study glucose oxidase (GOD) adsorption onto the surface of a gold amperometric glucose biosensor.
Fabrication and characterization of miniaturised disposable amperometric biosensors.
Fabrication and characterization of fast response, needle-type glucose micro-biosensor
Sector Electroanalytical Chemistry; Analytical Chemistry
- November 1995 – October 1998 **Summer School in Analytical Chemistry**
Institute of Microtechnology – Rue Jaquet-Droz 1, CH-2002 Neuchâtel, Switzerland
Research topic: Microbiosensors based on electrosynthesised polymeric film.
Sector Electroanalytical Chemistry; Analytical Chemistry
- September 1988 – April 1994 **Bachelor's in Chemistry**
University of Bari – via Orabona 4 – 70125 Bari
Final grade: "Magna cum laude"
Thesis Title: Development and Characterisation of an Amperometric Biosensors for L(+) Lactate determination in complex media.
Sector Electroanalytical Chemistry; Analytical Chemistry
- September 1982 – June 1988 **Industrial Chemistry Degree**
I.T.I.S. "Luigi dell'Erba" - Via della Resistenza, 40 - 70013 Castellana-Grotte
Final grade: 60/60

WORK ACTIVITIES

- Editorial activity** Member of the Editorial Board of:
Journal of Chemistry
EC Nutrition
Chemistry of Compounds Journal
Materials
Frontiers in Chemistry - Analytical Chemistry".
Guest Editor of "Materials", Special Issue "Solid Phase Microextraction"
- Keynote lectures**
 - Quinto M.**: "Microextraction techniques: a critical review". International Conference on Agriculture, Food, and Sustainable Development (ICA 2025), Ho Chi Minh City University of Industry and Trade (HUIT), Vietnam. (2025)
- Invited presentations**
 - Li D., **Quinto M.**: "Solid phase microextraction (SPME) and microextraction on packed sorbent (MEPS): new advances and a critical review; Frontier Lecture Series on Natural Resources and Functional Molecules, Yanji, China (2023)
 - Nardiello D., Chen H., Chen H., Bac M., Huang Q., Chen R., Huc S., Sunc T., Li W., Zhang W., Liu X., Qi Y., Cai Z., **Quinto M.**: "Innovative and performing stationary phase for gas chromatographic analyses"; Cluster Meeting of Gala Technology 2023, Amsterdam, the Netherland (2023)
 - Quinto, M.**: The importance of multidisciplinary in Scientific Research; The 8th Changbai Mountain forum, Yanji, China (2019)

- **Quinto, M.:** Microextraction techniques: a critical review; The 7th Changbai Mountain Forum, Yanji, China (2018)
- **Quinto, M.:** Solid phase microextraction (SPME) and microextraction on packed sorbent (MEPS): a critical review, 4th Changbai Mountain Forum, Yanji, China (2015)
- **Quinto, M.:** Le tecniche di microestrazione quali alternative ecocompatibili alle tecniche di estrazione, purificazione e preconcentramento tradizionali, Giornate di formazione -Le risorse alimentari: sicurezza, qualità e sostenibilità-, Bari, (2015)
- **Quinto M., Amodio P., Spadaccino G., Centonze D.,** Development of a mathematical model for online microextraction by packed sorbent under equilibrium conditions and its application for polycyclic aromatic hydrocarbons determination in water by gas chromatography-mass spectrometry, Bit's 3rd Annual Conference and EXPO of Analytix, 2014, Dalian, China (2014)

PERSONAL SKILLS

Mother tongue Italian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	C1	B2	B2	C1
French	A2	A2	A2	A2	A2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills Good communication skills gained through the experiences as Rector Delegate, teacher, researcher, Academic Senate member, lecturer, technical manager.

Organisational / managerial skills Leadership as Rector Delegate (responsible for a team of 20-25 people)
Collaboration skills as Team Manager of the analytical chemistry laboratories and Member of the Environmental Impact Evaluation Committee;
Project management skill (responsible of several research projects).

Computer skills Knowledge of network tools and features;
Knowledge of internet features;
Knowledge of cloud computing tools and features;
Knowledge of the common suites (Office, Google, OpenOffice) and statistical tools.

SCIENTIFIC MEMBERSHIP

Italian Chemical Society Since 1994
Chinese Chemical Society Since 2023

ADDITIONAL INFORMATION

Publications Total number of publications in peer-review journals: 100
Updated 01/08/2025 Total number of citations: 2309
H-index: 28 (Google Scholar) – 25 (Scopus)
An updated list of papers is available at:
Institutional Research Information System (<https://fair.unifg.it/simple-search?query=Quinto>)
Google Scholar (<https://scholar.google.it/citations?user=3Fu-9ogAAAAJ&hl=it>)
Research Gate (https://www.researchgate.net/profile/Maurizio_Quinto)
ORCID (<http://orcid.org/0000-0003-0412-6551>)
Scopus (<http://www.scopus.com/authid/detail.uri?authorId=6602833899>)

Projects Scientific Responsibility for international and national research projects, admitted to funding on the basis of competitive calls that include peer review

- Scientific Responsibility for the Project "Fruit and Vegetable Supply Chain - Green Project" submitted in response to the Notice of the Puglia Region for the Selection of Integrated Supply Chain Projects (PIF) Measure 124, "Cooperation for the Development of New Products, Processes and Technologies in the Agricultural, Food and Forestry Sectors" and admitted to Funding with determination of the Management Authority n.265 of 21/12/2011. Total budget of the project: € 840,000. from 21-12-2011 to 30-06-2013

- Scientific Responsibility of the LOGIN Project for the project part relating to the University of Foggia - Ministry of Economic Development - Department for Economic Development and Cohesion - Ministerial Decree 00084MI01 of 29/03/2012 - D.R. 1393/2009 of 30/11/2009. Industry Call 2015 - New Technologies for Made in Italy. Total budget for the University of Foggia: € 330,018.00 (Ministerial Funding equal to € 142,980.53). From 29-03-2012 to 31/12/2017
- Scientific Responsibility of the OR-3C operational unit for the project of the Area of Specialization "Agrifood" referred to in the application for funding marked with the identification code ARS01_00640 entitled "POFACS - Conservability, quality, safety of fruit and vegetable products with a high service content", financed by the MIUR, within the scope of the Industrial Research and Experimental Development Projects in the 12 Areas of Specialization identified by the PNR 2015-2020. € 63,000. From 01/07/2020 to 01/02/2023
- Assignment of task within Activity A6.22, "Determination of target molecules for the evaluation of the quality and safety of fruit and vegetable products with high service content using the SPME-GC-MS technique" of the Project "Puglia seedless grapes from the field to the table: innovation, nutrition, sustainability - UVAPULIA", Granting of funding by the Puglia Region, resolution no. 121 of 06/23/2020 and relating to the PSR Puglia 2014-2020 Call - Measure 16 - Cooperation - Sub-measure 16.2 "Support for Pilot Projects and the Development of New Products, Practices, Processes and Technologies" Resolution No. 194 OF 09/12/2018
- Scientific Responsibility for the research and development project "Automated painting system according to the concept of Intelligent Factory" - funds from Title II - Chapter 2 "Aid for integrated programs promoted by Small Businesses" (practice code 3RL4IB5). €61,000. From 03/28/2022 to 03/27/2023
- Scientific Responsibility for the UniFG research unit of the PRIN project: Research Projects of Relevant National Interest - Call 2022 PNRR - REcovery and Enhancement of WASTE and processing products of the olive oil industry through innovative analytical methods for the Development of newly developed NUTRaceutical and COSMETIC products (REWARD-NUTRACOSMO) - total funding: € 233,079 - UniFG research unit funding: € 60,201
- Scientific Responsibility for the UniFG research unit of the Ricerca Corrente 2020 IZS PB 02/RC project entitled: "Development of a high-sensitivity method for the determination of PAHs by means of GC/MS/MS in foods intended for infants" - total funding € 49,500. From 12/30/2020 to 12/30/2022.
- Scientific Responsibility for the UniFG research unit of the cooperation project "Innovative technical itineraries for the enhancement of local agro-zootechnical supply chains (INNOPLUS)" - RURAL DEVELOPMENT PROGRAM (PSR) 2014-2020 PUGLIA - MEASURE 19 - SUB-MEASURE 19.2. Total funding: €80,000. From 01/01/2023 to 31/03/2024.
- Scientific Responsibility for the commissioned project "Determination of volatile and nutraceutical substances in samples of minced meat and tomato sauce" - Funding € 10,000 - From 04/27/2020 to 04/27/2021

Responsibility for scientific studies and research entrusted by qualified public or private institutions

- Scientific responsibility of an operational unit in the Cooperation Project "Innovative Technical Itineraries for the Valorization of Local Agro-Zootechnical Supply Chains (Innoplus)" financed by the Rural Development Program (PSR) 2014-2020 Puglia Measure 19 - Sub-measure 19.2 - SSL Gal Le Città Di Castel Del Monte S.C.Ar.L. - Action 4 - Intelligent Economy Intervention 4.3 - Intelligent Agriculture. From January 2023 to October 2024. Total funding: € 80,000. Research Unit Funding: € 16,800.
- Scientific responsibility of an operational unit in the current project IZS PB 07/03 RC "Study of the accumulation factors of radionuclides and heavy metals in the transformation processes of dairy products" funded by the Ministry of Health and coordinated by the Zooprophyllactic Institute of Puglia and Basilicata. From 09-04-2004 to 08-04-2005
- Scientific responsibility as "Chair Professor", within the contract "Chair Professor Employment Top-level Talents" signed on May 1, 2016. This contract includes, among other tasks, the responsibility of carrying out innovative research activities in the field of microextraction techniques, with particular attention to the synthesis and characterization of new carbon nanofibers, new microextraction devices and their relative application in the agro-environmental and biotechnology sector. From 01-05-2016 to 31/07/2023
- Scientific responsibility within the project "Emerging contaminants: microcystins from *Planktothrix rubescens*. New analytical methods and study of the algae/contaminant correlation" funded within

the call for proposals relating to the financing of research projects under the University Research Projects Fund - year 2018, with DR. 442/2019. €3,527. From 12/04/2019 to 11/04/2020.

Reviewer activity Referee of the following journals:
African Journal of Agricultural Research; African Journal of Biotechnology; African Journal of Environmental Science and Technology; Analytica Chimica Acta; Analytical and Bioanalytical Chemistry; Analytical Chemistry; Analytical Methods; Biopolymers; Chemistry Central Journal; Ecological Indicators; Environmental Toxicology and Chemistry; European Journal of Soil Science; Food Chemistry; Journal of Chromatography A; Journal of Environmental Chemistry and Ecotoxicology; Journal of Food Composition and Analysis; Journal of Materials Research; Journal of Sensors; Journal of Separation Science; RSC Advances; Science of the Total Environment; Toxicological & Environmental Chemistry.

References Prof. Donghao Li, Yanbian University, tel. +86-433-273-2456
Prof. F. Palmisano, University of Bari, Italy, tel.: +39-080-544.20.16
Prof. Nico de Rooij, EPFL STI IMT SAMLAB, MC B4 227 (Microcity), rue de la Maladière 71b, CP 526, CH-2002 Neuchâtel 2CH-2002, tel.: +41 21 69 54303, +41-21-695.42;
Prof. A.J. Bard, University of Texas, Austin, TX, tel.: +1-512-471.37.61
Prof. M. Koudelka, Institute of Microtechnology, University of Neuchâtel, Switzerland, tel.: +41-32-720.53.05
Dr. A. Ciancio, Istituto per la Protezione delle Piante, CNR, Bari, Italy, tel.: +39-080-592.92.21
Dr. Frederic Kanoufi, 10 rue Vauquelin – 75231 Paris Cedex 05- France, tel.: +33-1-407.945.26

This curriculum consists of six pages.

In compliance with the Italian legislative Decree no. 196 dated 30/06/2003, I hereby authorize to use and process all the personal details contained in this document.

Foggia, August 1st 2025

Prof. Maurizio Quinto