

**Attilio Naccarato, Ph.D.**  
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## *CURRICULUM VITAE*

### *PERSONAL PROFILE*

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My main research interests are focused on environmental, food and clinical analytical chemistry. I am devoted to the development of new analytical methods using hyphenated mass spectrometry approaches (e.g. ICP-MS, GC-MS) for organic and inorganic analytes assay. These protocols involve primarily the use of microextraction techniques such as solid phase microextraction (SPME) and microextraction by packed sorbent (MEPS) as sample preparation approaches.

### *CURRENT POSITIONS*

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#### **Researcher**

Italian National Research Council, CNR-Institute of Atmospheric Pollution Research (CNR-IIA)  
c/o University of Calabria, Polifunzionale, 87036, Rende (CS) - Italy

#### **Adjunct Professor**

Department of Chemistry and Chemical Technologies, University of Calabria  
P.Bucci street, 87036, Rende (CS) - Italy

### *MAIN PREVIOUS POSITIONS*

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#### **Postdoc Researcher**

Department of Chemistry and Chemical Technologies, University of Calabria

- New Methods for the Assay of human disease Biomarkers.

#### **Visiting Postdoc Researcher at Prof. Janusz Pawliszyn's research group**

Department of Chemistry, University of Waterloo, ON, Canada

- Evaluation of new PDMS overcoated SPME fibers, development and testing of PDMS coating for cold fiber SPME, development of an autosampler module for spray cleaning of SPME fibers

#### **Chemical analyst**

Department of Chemistry, University of Calabria

- BTEX and PAHs analysis by GC-MS and multielement analysis by ICP-MS on air sampling filters.

### **Postdoc Researcher**

Department of Chemistry and Chemical Technologies, University of Calabria

- Identification and assessment of markers for food quality and safety assurance by *in-vivo* and *ex-vivo* SPME coupled with mass spectrometry technologies.

### **Scientific advisor**

Department of Pharmaceutical science, University of Calabria

- Development of a protocol for the functionalization of sausages with bergamot albedo and assay of active molecules (flavonoids).

## ***EDUCATION***

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### **Doctor of Philosophy (Ph.D.)**

Doctoral School of Science and Technique "Bernardino Telesio", University of Calabria

- *Supervisor:* Prof. Giovanni Sindona. *Thesis title* "Traceability of Foodstuffs by High Tech methodologies of Mass Spectrometry".

### **Master's degree in Chemistry (M.Sc.)**

University of Calabria - with mark 110/110 cum Laude

- *Thesis title:* "Elemental distribution as parameter for the geographical identification of tomato".

### **Bachelor's degree in Chemistry (B.Sc.)** specializing in environment and health protection

University of Calabria - with mark 110/110 cum Laude

- *Thesis title:* "Phthalate determination in olive oil by HPGPC-UV and GC-MS/MS".

## ***INTERNSHIP AND TRAINING***

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### **Internship at LaMSAFP (Laboratory of Mass Spectrometry Applied to Food and Proteomics)**

Department of Chemistry, University of Calabria;

## ***TEACHING APPOINTMENTS***

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### **Adjunct Professor**

Department of Chemistry and Chemical Technologies, University of Calabria

- Course title: Laboratory of instrumental analytical chemistry – B.sc degree in Chemistry.

### **Teacher assistant**

Courses of Instrumental Analytical Chemistry and Analytical Chemistry Laboratory

Degree course in Chemistry, Department of Chemistry, University of Calabria;

## ***TUTORING AND SUPERVISION ACTIVITY***

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- **Scientific responsible** of Internship for Bachelor and Master degree theses
- **Graduate thesis supervisor and co-supervisor** of Bachelor's degree and Master's degree theses

## ***ACADEMIC HONORS AND AWARDS***

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### **Award "Best Graduates" year 2008**

Faculty of Mathematical, Physical and Natural Sciences, University of Calabria;

## ***MEMBERSHIP IN PROFESSIONAL AND SCIENTIFIC SOCIETIES***

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### **Italian register of chemists**

- Italian board of the licensed professional chemist.

### **Italian Chemical Society**

- National association in Italy representing the chemical sciences.

## ***ACTIVITIES AS EDITOR AND REVIEWER***

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### Guest Editor

Invited Special Issue – “Separations” (MDPI) ;

- Advances in Solid-Phase Microextraction; (submission deadline 29 giugno 2019)

### Reviewer for Scientific Journal including:

- Journal of Chromatography A - Elsevier - (ISSN: 0021-9673)
- Analytica Chimica Acta - Elsevier - (ISSN: 0003-2670)
- Analytical Methods – Royal Society of Chemistry – (ISSN: 1759-9679)
- Analytical Chemistry – ACS Publications – (ISSN: 1520-6882)
- Molecules – MDPI – (ISSN: 1420-3049)
- Food Chemistry - Elsevier - (ISSN: 0308-8146)

### Reviewer for project proposals

## ***PUBLICATIONS***

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1. Author of 30 publications in indexed journals (Scopus, ISIweb);
2. Author of 2 publications in not indexed journals;
3. Speaker at 5 conferences and workshops;
4. Author of more than 40 contributions to conferences as oral and/or poster communication.

For a complete and updated list of publication, please see my CV at:

[https://www.researchgate.net/profile/Attilio\\_Naccarato](https://www.researchgate.net/profile/Attilio_Naccarato)