

**CURRICULUM VITAE**  
EUROPEAN FORMAT**PERSONAL INFORMATION**

Name, Surname	Bartolucci Cecilia
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Sex	F
Nationality	Italian
Place and Date of birth	Rome, 02 June 1959
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Researcher ID	

**WORK EXPERIENCE**

31.12.1988-ongoing	Permanent researcher at Institute of Crystallography, National Research Council
01.09.2000-31.03.2019	Frequent Guest Scientist at the Max Planck Institute (MPI) for Biochemistry, Martinsried, Germany
January 2002 - March 2002 February 1999 – March 1999	Grant awarded by the 'Deutsche Forschungsgemeinschaft' (DFG) within the agreement on scientific cooperation between DFG and CNR, MPI for Biochemistry, Martinsried, Germany
September 2000 -November 2001	Fellowship from the v. Humboldt Foundation to work at the MPI for Biochemistry, Martinsried, Germany.
February 1992 – January 1993	NATO-CNR Advanced Fellowship to work at the MPI für Medizinische Forschung in Heidelberg, Germany, on Antisense Oligonucleotides as potential drugs against AIDS.
January 1988 - December 1988	CNR scholarship to work at the 'Istituto di Strutturistica Chimica', Rome, Italy. Progetto Strategico CNR: "Studio di farmaci per la prevenzione e la terapia dell'AIDS".
October 1984 – September 1985	Scholarship from the Foreign Affair Ministry to study, at the 'Institut de Chimie Therapeutique' in Lausanne, Switzerland.

**EDUCATION AND TRAINING**

1987	Chemistry Degree (Laurea) from the University of Rome 'La Sapienza' with final grade of 110/110 cum laude.
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**RESEARCH ACTIVITY**

Research sectors / Strategic areas	Agricultural Systems, Nutrition, Health, Nanotechnology, Foresight
Project Responsibilities	2013 – 2022 Coordination of the Thematic Working Group "Food" within the Interdepartmental Project Science and Technology Foresight.

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	<p>2002 – 2012 responsible for “Modulo PM.P01.023.006: Studi strutturali e funzionali di acidi nucleici e sistemi nucleoproteici”</p> <p>1999–2002 responsible for the project “Studio di relazioni struttura-attività in nuovi inibitori della acetilcolinesterasi”.</p>
Institutional Responsibilities	<p>20.04.2022 – ongoing CNR Spokesperson at “Tavolo tecnico per l’elaborazione di iniziative per una nutrizione in qualità e sicurezza”, Italian Ministry of Health</p> <p>15.03.2018 – 30.06.2021 CNR Spokesperson at “Tavolo Italia Decade per la Nutrizione”, Italian Ministry of Health</p> <p>2019 CNR Spokesperson for PNR at Tavolo Bioeconomy and Food</p> <p>2019 CNR Spokesperson at Leaders workshop “Horizon scanning – future technology for prosperity”, European Commission Research and Innovation, Oslo, Norway</p> <p>2017 January – October: Chair at six “G7 Health Expert Working Group Meetings”, Rome Italy</p> <p>2016 February: Co-chair at a round table on “Nano for Food” within the ERA-Can+ Project, Ottawa, Canada.</p> <p>2016 Foresight, Face-to-Face Workshop “Theranostics for P4 Medicine”, Florence, Italy (Chair and Moderator)</p> <p>2016 Foresight Workshop “The Future of Water: Availability, Distribution and Provisioning”, Pisa, Italy (Moderator)</p> <p>2000-2004 responsible for the organization of the laboratory of Dr. Heumann’s group at the MPI für Biochemie;</p>
Publications	<p>H-index: 14, 802 total citations (Scopus, April 2022) total number of publications 32, (10 in the last ten years)</p>
Main collaborations	<p>Prof. Leonardo Fraceto, UPESP San Paulo University, Brasil Dr. Lorenza Putignani, Ospedale Pediatrico IRCCS Bambino Gesù, Italy Prof. Michele Guarino, Policlinico Universitario <i>Campus</i> Bio-Medico, Italy Dr. Richard Canady, NeutralScience L3C, USA Prof. George Atkinson, Institute on Science for Global Policy, USA</p>

## REPRESENTATIVE PUBLICATIONS

1. Bartolucci, C., Scognamiglio, V., Antonacci, A., & Fraceto, L. F. (2022). What makes nanotechnologies applied to agriculture green? *Nano Today*, 43, 101389.
2. Bartolucci, C., Antonacci, A., Arduini, F., Moscone, D., Fraceto, L., Campos, E., Attaallah R., Amine A., Zanardi C., Cubillana-Aguilera L.M., Palacios Santander J.M., Scognamiglio, V. (2020). Green nanomaterials fostering agrifood sustainability. *TrAC Trends in Analytical Chemistry*, 125, 115840.

3. Bartolucci C., Nanotechnology in Food. **(2018)** Chapter in “Innovations in Nanoscience and Nanotechnology, Editor Van de Voorde M., De Gruyter.
4. Bartolucci C., **(2017)** Nanotechnology for Agriculture and Foods: Past and Future. Introduction in “Nanotechnology in Agriculture and Food Science”, Edotors Axelos M., Van de Voorde M., Wiley
5. Fraceto, L.F., Grillo, R., de Medeiros, G.A., Scognamiglio, V., Rea, G., Bartolucci C., **(2016)** Nanotechnology in Agriculture : Which potential does it have. *Frontiers in Environmental Science*, 22 March.
6. Janssen P.J.D., Lambreva M.D., Plumeré N., Bartolucci C., Antonacci A., Buonasera K., Frese R., Scognamiglio V., Rea G. **(2014)** Photosynthesis at the forefront of a sustainable life. Review. *Frontiers in Agricultural and Biological Chemistry*

## ADDITIONAL INFORMATION

### **Selected participation at international events as invited speaker:**

2022: FEBA, Annual Forum on Food Aid and Social Inclusion 2021, “Fruits and vegetables for human development: let’s take action”

2019: “Week of Italian Cuisine in the World”, Discussion Panel on “Nutrition and Sustainability”, Italian Cultural Institute, London, Great Britain

2017: “Agricultura familiar: cambio climatico, biodiversidad e innovation en las cadenas de valor”, Coloquio entre Italia y México, Mexico City

2017: “The Global Agri-Food Forum 2017, Puebla, Mexico

2017: SEEDS and CHIPS, The Global Food Innovation Summit, Milan, Italy

2016: “Week of Italian Cuisine in the World”, Discussion Panel on “Food Innovation”, Italian Embassy, Washington, USA

2015: Conference on “Food Security and Diet-Linked Public Health Challenges”, Institute on Science for Global Policy, North Dakota, USA

2015: “2<sup>nd</sup> International Fresenius Conference on Nanotechnology in Food”, Köln, Germany

2015: The Aspen Forum at EXPO, “Science and Individual Health”, Aspen Institute, Pavia, Italy

### **International Workshops’ Coordinator:**

2015: 1<sup>st</sup> Foresight workshop: Converging technologies for sustainable and healthy food: “Diversified adaptable food”.

2017: 2<sup>nd</sup> Foresight workshop: Converging technologies for sustainable and healthy food: workshop o “SmartGrid for Food Systems”

## DATA TREATMENT

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.

Date: 22. September 2022

Signature