

PERSONAL INFORMATION

Chiara Nobili



📍 ENEA, Italian National Agency for New Technologies, Energy and Sustainable Economic Development
Department for Sustainability
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🌐 <https://bioagro.sostenibilita.enea.it/people/chiara-nobili>

Female | *Date of birth* 20/02/1974 | *Nationality* Italian

Enterprise	University	EPR
<input type="checkbox"/> Management Level	<input type="checkbox"/> Full professor	<input type="checkbox"/> Research Director and 1st level Technologist / First Researcher and 2nd level Technologist / Principal Investigator
<input type="checkbox"/> Mid-Management Level	<input type="checkbox"/> Associate Professor	X Level III Researcher and Technologist
<input type="checkbox"/> Employee / worker level	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator

WORK EXPERIENCE

From 2010 – to present

Permanent researcher

Laboratory for AgriFood Sustainability, Quality and Safety (SSPT-BIOAG-SOQUAS) - Biotechnologies and Agroindustry Division - Department for Sustainability
ENEA, Italian National Agency for New Technologies, Energy and Sustainable Economic Development.
<https://www.enea.it/en>

- Chiara Nobili has a degree in analytical chemistry, a PhD in botanic and she's working since 2010 in Biotechnology and Agroindustry Division of ENEA. She's carried out studies on food sustainability, quality and safety, through the characterization and quantification of bioactive metabolites, using analytical chemical methods. Since 2020 she coordinates, within the Italian Circular Economy Stakeholder Platform, the AGRIFOOD WORKING GROUP focused on the prevention and reduction of waste from the agri-food sector, considered among the priority and strategic ones for the circular economy.

Business or sector Research, development and transfer to increase competitiveness, quality, safety and sustainability of food production systems, food circular economy

EDUCATION AND TRAINING

2010

PhD in Botanical Sciences

University of Rome "La Sapienza"

Study on the interaction between *Fusarium graminearum* and *Triticum aestivum* for the development of diagnostic methods for the detection of fusariotoxins

2000

Habilitation to practice as chemist

University of Rome "La Sapienza"

2000 **Master degree in chemistry**
 University of Rome "La Sapienza"
 Organotin compounds speciation in sediments and gastropods of south
 Mediterranean sea

PERSONAL SKILLS

Mother tongue(s) Italian
 Other language(s) English, B2
 Job-related skills Ability to do "teamwork"
 Digital skills Microsoft Office, Video conferencing platforms (MS Teams, Zoom, Webex, Skype),
 Collaboration Tools (Google Gmail, Google Drive)
 Other skills Good communications skills

ADDITIONAL INFORMATION

Publications total number of publications in peer-review journals 14
 total number of citations 155
 H index 6
 Scopus ID 55547588500
 ORCID <https://orcid.org/0000-0003-4784-8351>

1) Food Safety Assessment: Overview of Metrological Issues and Regulatory Aspects in the European Union, Separations, 2022-02-17 | journal-article, DOI: 10.3390/separations9020053; 2) Identification of Beneficial Microbial Consortia and Bioactive Compounds with Potential as Plant Biostimulants for a Sustainable Agriculture, Microorganisms, 2021-02 | journal-article, DOI: 10.3390/microorganisms9020426; 3) Buckwheat Hull Extracts Inhibit Aspergillus flavus Growth and AFB1 Biosynthesis, Frontiers in Microbiology, 2019-08-29 | journal-article, DOI: 10.3389/fmicb.2019.01997 Part of ISSN: 1664-302X; 4) Exploitation of Tartary Buckwheat as Sustainable Ingredient for Healthy Foods Production; 5) Agriculture and Agricultural Science Procedia, 2016 | journal-article, DOI: 10.1016/j.aaspro.2016.02.043 Part of ISSN: 2210-7843; 6) Buckwheat achenes antioxidant profile modulates Aspergillus flavus growth and aflatoxin production; 7) International Journal of Food Microbiology, 2014-10 | journal-article, DOI: 10.1016/j.ijfoodmicro.2014.07.029 Part of ISSN: 0168-1605; 8) Lipids in Aspergillus flavus-maize interaction, frontiers in microbiology, 2014 | journal-article; 9) ROS and 9-oxylipins are correlated with deoxynivalenol accumulation in the germinating caryopses of Triticum aestivum after Fusarium graminearum infection, European Journal of Plant Pathology, 2014 | journal-article

Projects 1) 12/01/2012–31/10/2015 "Piattaforma logistica innovativa per le produzioni ortofrutticole nazionali destinate ai mercati interni ed esteri - ORTOFRULOG" funded by MiSE in Industria 2015 program.; 2) 18/04/2012–30/6/2015 "Nuovo servizio di distribuzione evoluto dedicato al comparto agroalimentare: il magazzino viaggiante di merci deperibili - MAGAZZINO VIAGGIANTE" funded by MiSE in Industria 2015 program. 3) 26/05/2017–03/12/2018 "Produzione di energia rinnovabile con il minimo impatto ambientale da un mix di biomasse e rifiuti speciali non pericolosi attraverso processi innovativi - VERITAS" funded by MISE. 4) 07/06/2019–01/12/2021 coordination of the activity "Strumenti per il calcolo delle emissioni ammoniacali dei fertilizzanti e del settore zootecnico" in the project "Energia e sostenibilità per la pubblica amministrazione - ES-PA" funded by Agenzia per la Coesione Territoriale. 5) 19/12/2019 to present research activities in METROFOOD-EPI and METROFOOD-IT" within ESFRI Roadmap 2018 (Heath and Food). 6) 25/01/2021 ad oggi. Responsabilità scientifica e gestionale per la Divisione BIOAG delle attività afferenti alla Convenzione tra il MiSE – Direzione generale per il mercato, la concorrenza, la tutela del consumatore e la normativa tecnica ed ENEA, Dipartimento SSPT per la "Realizzazione di strumenti e iniziative sull'economia circolare a vantaggio dei consumatori ex ART 5 D.M. 10 agosto 2020." Gestisce le attività tecnico-scientifiche, la relazione con i partners esterni e la diffusione dei risultati del progetto.

Roma, 13/10/2023

