

# CARLA FERRERI

Born Napoli il 15-12-1957  
Resident in Bologna, Via Goito 16

**Qualifica:** Senior Researcher II Level – Matr. CNR 8523

**DISCIPLINE:** C. Chemical Sciences; C1.1 Science and technology of biomolecular systems for biopharmaceutics

**STRATEGIC AREA:** Chemistry and Materials for Health and Life Sciences

**Department** ISOF, Consiglio Nazionale delle Ricerche, Bologna

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## Studies

- Specializzazione, Farmacia Ospedaliera Dic 1979 – Mar 1982  
50/50 e lode  
**Università degli Studi di Napoli “Federico II”**
- Laurea Farmacia Ott 1975 – Dic 1979  
110/110 e lode  
**Università degli Studi di Napoli “Federico II”**

## Work positions

**Senior Researcher, Consiglio Nazionale delle Ricerche** 2006 – present  
*ISOF, Area della Ricerca di Bologna*

**Researcher, Consiglio Nazionale delle Ricerche** 2001 – 2006  
*ISOF, Area della Ricerca di Bologna*

**Associated research fellow CNR** 1993 – 2000  
*at I.Co.C.E.A., Area della Ricerca, Bologna*

**Permanent researcher – Università di Napoli “Federico II”** 1983 – 2001  
*Dipartimento di Chimica Organica e Biologica – settore scientifico disciplinare CO5X*

**Annual teaching position - Università della Calabria** 1990-1991  
*Corse of Organic Chemistry – Facoltà Scienze M.F.N. – Arcavacata di Rende*

**Post doctoral research - University of California San Diego** 1982 – 1983  
*Dept. of Chemistry UCSD – Grant recipient CNR*

## Other roles (last 5 years)

- **ELIGIBILITY AS Research Director (Bando 315.35 DR – Dirigente di Ricerca I livello Area Strategica Chimica e materiali per la salute e le scienze della vita n. 6 posti)**
- **ELIGIBILITY AS RESEARCH DIRECTOR (Bando 364.86 - lettera prot. N.25700 del 23/03/2011)**

- Responsible-principal investigator in projects, officially registered at CNR (National and International)**
  - DCM-AD007.123 - SILFRADENT accordo collaborazione (Principal Investigator)
  - DCM-AD003.024 - *Marie Skłodowska Curie Actions – Innovation Training Networks (ITN)-ETN CLICKGENE (#642023)* (Principal Investigator)
  - DCM-AD003.053 - *Eurostars EUREKA Lipidomel (E!7348)* – Development of antioxidants formulations for overweight and oxidative stress. (Principal Investigator)
  - DCM-AD003.057 Fondazione Di Bella – “Release formulations for somatostatin” – Principal Investigator
  - DCM-AD003.58 *A.I.A.N. – Modena* - “Release formulations for somatostatin” – Principal Investigator
  - DCM-AD007.023 INC Project “Molecular effects of nut-based food products on cell membranes evaluated by red blood cell lipidome remodeling in obese children” . Principal investigator

Progetto BiophotOmics: CNR- CUP F71F18000140009 - D. R. 30 settembre 2019, n.1339 (fondi Regione POR-FESR 2014-2020)
- MIUR expert registered in the REPRIZE list**    Giu 2018 – present
- PhD Supervision (last 5 years)**
  - Industrial doctorate UniBO (finance by Silfradent srl) - Gessica Batani
  - Industrial doctorate UniBO (financed by Lipinutragen srl) – Anna Vita Larocca
  - REP-EAT – Co-tutor of ESR 4 - Paraskevi Prasinou (Horizon 2020 MSCA-COFUND- Rep-Eat - G.A. n. 713714 - Università di Teramo)
  - *Marie Skłodowska Curie Actions – Innovation Training Networks (ITN)-ETN CLICKGENE* – co-tutor of 2 PhD c/o UniBO:
    - Maria Louka
    - Georgia Menounou
  - PhD thesis evaluator– Hebrew University - Jerusalem – Daniel Bareket
- Erasmus student supervisor (last 5 years)**
  - Andriani Chaidali Univeristy of Thessaloniki (3 mo)
  - Vasileios Tsopanakis University Creta (3 mo)
  - Victoria Tserpeli University Athens (6 mo)
  - Pawel Strychalski University Gdansk (2 mo)
- Master and laurea degree students (last 5 years)**
  - Master UniSan Raffaele, Rome (Alessandra Lodi)
  - Master UniRome (Rita Tabanelli, Alice Garozzo, Lisa Paolucci, Francesco Bonucci, Katia Ferrigno)
  - Master UniSiena (Federica Di Nolfo; Claudio La Mantia)
  - Master UniMilan (Federica Oreglia)
  - Laurea Magistrale UniBO (Rebecca Anderson, Roberta Scanferlato, Cesare Meliota, Gessica Batani)
- Editorial positions**

Frontiers in Nutrition – Review Editor for Nutritional Epidemiology

Referee for: American Chemical Society, Royal Chemical Society, MPDI, Elsevier, Wiley, Hindawi

- **Board component for public competitions**

2011 CNR – Scientific Area Chemical Sciences – researcher

- **Conferences, lessons at masters, (Last 5 years)**

2021-2022: Corso di perfezionamento post laurea: Aspetti molecolari della nutrizione: dalla nutrigenomica alla nutrizione funzionale, Università di Camerino. Lezione su Lipidomica e Nutrizione, online (4 febbraio)

2015-2022 - Master in Drug Design and Synthesis – Università di Siena

2019-2022 - Master II levels in “Nutrizione personalizzata: basi molecolari e genetiche”- University of Rome "Tor Vergata"

2021: Lesson for EFLM (European Federation of Clinical Chemistry and Laboratory Medicine): Lipidomic in Health and Disease

2021: Lesson for Master II livello in Nutrizione personalizzata: basi molecolari e genetiche - Università di Roma "Tor Vergata"

2020: Lessons for PhD students – School of Medicine - University of Lodz, Poland

2020 –Doctorate of Biotechnology “Winter School of Biotechnology 2020”, University of Perugia

2020 – Conference on “Molecular mechanism” at the Accademia dei Meccanismi Molecolari, CNR Bologna

2015-2010 – Scientific director and teacher at courses on Lipidomics

2019 – University for Elderly Media Vallesina, Moie (AN)

2019 – Lesson in the course “Longevità in salute” Ordine dei Medici Brescia province

2019 – Lesson for the course “Concetti di multiterapia biologica nella prevenzione e terapia dei tumori” organized by Di Bella Foundation, Bologna

2019 – Conference on “Molecular mechanism” at the Accademia dei Meccanismi Molecolari, CNR Bologna

2018 – Lesson for the course “Stress Ossidativo e attività fisico-sportiva”, Arcugnano (VI)

2017 –Master Esthetic Medicine University of Pavia – Prof.ssa Faga

2017 – Lesson for the course “Aspetti molecolari e aspetti relazionali: Counseling in Farmacia”, CNR Bologna

2017 – Lesson for the course “Le giornate di nutrizione clinica veronesi: focus sull’obesità”, Azienda Ospedaliera Universitaria Integrata Verona

2017 – lesson for the Master II level in Oncologia Integrata, Università degli Studi Guglielmo Marconi, Roma

2017 – Lesson for the course “Il presente e il futuro della nutrizione clinica”, Ospedale Sant’Eugenio, Roma

2016 – Co-directorship and lessons for the Course in “*Aspetti Molecolari di Prevenzione e Salute*”, National Institute of Health, Roma

2016 – Lesson for the course “Aggiornamenti in Nutrizione Umana”, Università Urbaniana, Roma

2014 – Lessons for the course “*Le Pandemie del Terzo Millennio*” National Institute of Health, Roma

- **Creation and organization of professional courses initiative**

2004-2007 – School project “Il linguaggio della ricerca” officially recognized by MIUR (decreto prot. 6781/C12bis del 16/3/05)

2019- present – Accademia dei Meccanismi Molecolari for the formation of the health professionals ([www.amm.bo.cnr.it](http://www.amm.bo.cnr.it))

### Scientific and managerial responsibilities

- **Italian representative in the Management Committee di COST Action** 2007 - present
  - 2017-2021 –COST Action CA16112 “Personalized Nutrition in aging society: redox control of major age-related diseases, NutRedOx” – MC Member
  - 2012-2016 - COST Action CM1201 “Biomimetic Radical Chemistry” – Working Group 3 Leader “*Membrane Stress, Signalling and Defences*” & MC Member
  - 2007-2011 - COST Action CM0603 “Free Radicals in Chemical Biology” –Working Group 1 Leader “Geometrical trans lipid isomers” & MC Member
- **Responsible of bilateral projects at CNR**
  - 2010-2012 - CNR-RAS “Quinone compounds as hydrogen-atom-donating agents” – Italian responsible
  - 2008-2010 - CNR-RAS “Radical stress biomarkers for membrane lipidomics” – Italian responsible
- **Consultancy activity for Companies and Foundations – Responsible CNR for collaboration agreements**
  - 2022 – Cytoviva Inc.
  - 2022 – Silfradent srl
  - 2015-2022 –Di Bella Foundation & AIAN Modena
  - 2016 – PhenBiox srl
  - 2015 – AgricolaGrains for EXPO2015
  - 2012 – Giuliani spa, Milan
  - 2010- 2012 –XEDA International SA, St. Andiol, France
  - 2009-2011 –DIFA COOPER SPA, Milan
  - 2001-2006 – Biochimici PSN Derma, Bologna now Rottapharm Madaus spa

### Entrepreneurship from Science to the Market

- **Co-founder e Scientific Director of the company LIPINUTRAGEN srl** Dic 2005- present  
Born as spin-off of the CNR (deliberation #101/2005)  
([www.lipinutragen.it](http://www.lipinutragen.it))

### Organization and divulgation activities in the field of INNOVATION

- **2<sup>nd</sup> Workshop CNR-MCAA and ITWIIN** on “**Role Models for STEM and Entrepreneurship**” – June 2020  
In collaboration with ITWIIN and Marie Curie Alumni Association, CNR Bologna

- **Participation to the Progetto Alta Quota of the Confederazione Nazionale dell'Artigianato e della Piccola e Media Impresa – Emilia Romagna** - kick-off - April 7, 2020 ; second round: October 22, 2021
- **1st Workshop CNR-MCAA-ITWIIN” Research, Innovation and Entrepreneurship”** - May 2019  
In collaboration with ITWIIN and Marie Curie Alumni Association, CNR Bologna
- **Relator for the meeting “Tutti i generi dell’innovazione”** - March 2018  
Organized by the CNA Modena, Modena
- **Lecture for the 6th Bi-annual European & International Women Inventors, Innovators & Entrepreneurs** - June 2017  
Università di Bari
- **Lecture for ITWIIN 2016 Conference & Award** - November 2016  
CNR Bologna
- **Lecture for the meeting “Bioengineering and Innovation in Molecular Medicine”** - March 2015  
Sanko University, Gaziantep (Turchia)

#### Languages (self-assessment)

Italian (mothertongue)  
English (professional)

#### Awards

- 2022 – Scientific International Prize “Capo d’Orlando” assigned for the activity in “Scienza e Alimenti”
- 2021 – Premio Donne di Talento – Cenacolo della Cultura e delle Scienze
- 2014 – Provincia di Caserta - Conferimento di una targa premio per l’opera nel campo della ricerca scientifica
- 2010 – Premio ITWIIN (Associazione Italiana Donne Inventrici ed Innovatrici) BEST ITALIAN WOMAN INNOVATOR
- 2011 – Menzione di merito nell’EUWIIN (European Union Women Inventors & Innovators Network - Special Recognition Award Recipient)
- 2011 – Premio Capitane Coraggiose conferito a Bologna per l’attività in campo imprenditoriale

#### Scientific indicators

Publications ISI-peer-reviewed: 220  
Contributi in libri: 14  
Libri come autore: 3  
Web of Science ResearcherID# [G-6821-2013](#) – WOS H-Index : 37  
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<https://publons.com/researcher/1595924/carla-ferreri/publications>

Bologna, 20 aprile 2022

Carlo Ferreri