

PERSONAL INFORMATION

Massimo Fresta



Affiliation
University "Magna Græcia" of Catanzaro
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State personal website(s)

Sex M | Date of birth | Nationality Italian

Table with 3 columns: Enterprise, University, EPR. Rows include Management Level, Mid-Management Level, Employee / worker level, Full professor, Associate Professor, and Researcher and Technologist of IV, V, VI and VII level / Technical collaborator.

BIBLIOMETRIC PARAMETERS

total number of publications in peer-review journals >210

total number of citations 9,383 – Scopus 11,100 – Google Scholar

H index 53 – Scopus 59 – Google Scholar

WORK EXPERIENCE

from 2010 to 2024

Full Professor – President of the Faculty of Pharmacy

University "Magna Græcia" of Catanzaro, Department of Health Sciences, Viale Europa I-88100 Catanzaro - https://web.unicz.it/it/

- Management of the Faculty of Pharmacy

Business or sector University – Research and Teaching

from 2011 to now

Full Professor – Coordinator of the pharmaceutical science curriculum of the PhD Course in Life Sciences

University "Magna Græcia" of Catanzaro, Department of Health Sciences, Viale Europa I-88100 Catanzaro - https://web.unicz.it/it/

- Management of the PhD program in pharmaceutical Sciences for PhD students who choose this training programm

Business or sector University – Research and Teaching

from 2010 to now

Vice-President of the Board of the Professional Association of Pharmacists

Professional Association of Pharmacists, Via Italia, 81 - 88100 Catanzaro - https://ordinefarmacisti.cz.it/

- Management of the professional strategies, ethical affairs and ENPAF national delegate

Business or sector Professional activity

- from 2002 to 2011 **Full Professor – Coordinator of the PhD Course in Pharmaceutical Sciences**
 University “Magna Græcia” of Catanzaro, Department of Health Sciences, Viale Europa I-88100
 Catanzaro - <https://web.unicz.it/it/>
 ▪ Management of the PhD program in pharmaceutical Sciences
Business or sector University – Research and Teaching
- from 2002 to 2010 **Full Professor**
 University “Magna Græcia” of Catanzaro, Department of Health Sciences, Viale Europa I-88100
 Catanzaro - <https://web.unicz.it/it/>
 ▪ Fellow of the Faculty of Pharmacy serving as secretary of the Faculty Council
Business or sector University – Research and Teaching
- from 2000 to 2002 **Associate Professor**
 University “Magna Græcia” of Catanzaro, Department of Health Sciences, Viale Europa I-88100
 Catanzaro - <https://web.unicz.it/it/>
 ▪ Fellow of the Faculty of Pharmacy
Business or sector University – Research and Teaching
- from 1996 to 2000 **Assistant Professor**
 University of Catania, Department of Pharmaceutical Sciences, Viale Andrea Doria n. 6, I-95125
 Catania
 ▪ Fellow of the Faculty of Pharmacy
Business or sector University – Research and Teaching
- from 1992 to 1994 **Visiting Scientist**
 ETH, Institute of polymers, Zurich (Switzerland)
 ▪ Fellow of the research project on self-replicating systems
Business or sector University – Research

EDUCATION AND TRAINING

- from 1994 to 1996 **PhD degree in Technologies of Biologically Active Substances (Pharmaceutical Technology and Nanotechnology) by defencing a PhD thesis entitled “ Preparation, Characterization and Use of Liposomes for the Selective Delivery of Cerebrotonic and Neurotrophic Drugs to the CNS”** EQF 7-8
 University of Palermo, Via Archirafi n. 32 – Palermo (Italy)
 ▪ Ability to plan a scientific project
 ▪ Critical analysis of scientific data
 ▪ Expertice in Nanomedicine
 ▪ Expertice in Pharmaceutical Technology
 ▪ Expertice in supramolecular aggregates
 ▪ Expertice in drug targeting
 ▪ Expertice in drug delivery
 ▪ Expertice in tissue engineering
 ▪ Expertice in colloidal drug carriers
 ▪ Improvement of communication ability
- from 1992 to 1993 **Postgraduate Diploma in Food Chemistry and Technologies by defencing a postgraduate diploma thesis entitled “Neutrased”** EQF 6-7

encapsulation in stable multilamellar vesicles and large unilamellar liposomes to accelerate the ripening of Cheddar type cheese”
final mark 50/50 cum laude

University of Catania, Viale Andrea Doria n. 6 – Catania (Italy)

- Expertise in food Technology
- Expertise in food Chemistry
- Expertise in dairy industrial processes
- Expertise in application of new technologies in foods
- Pionnering Expertise in application of nanotechnology in foods

from 1986 to 1989

Degree in pharmacy discussing an experimental thesis entitled “
Calorimetric studies on the interaction of 4-biphenylacetic acid and
its inclusion compound in β -cyclodextrin with a lipid membrane
model.”

EQF 4-5

final mark 110/110 cum laude

University of Catania, Viale Andrea Doria n. 6 – Catania (Italy)

- Ability to plan a scientific project
- Critical analysis of scientific data
- Expertise in Nanomedicine
- Expertise in Pharmaceutical Tecnology
- Expertise in supramolecular aggregates
- Expertise in drug targeting
- Expertise in drug delivery
- Expertise in tissue engineering
- Expertise in colloidal drug carriers
- Improvement of communication ability

WORK ACTIVITIES

Awards

Triangle Research Collaboration Award (for the innovative and excellent research activity in the field of Biomaterials and Drug Delivery Systems) – 1996

Controlled Release Society – Italy Chapter Award

Pericle D'oro Award – 2011

Best Paper award 2021, Pharmaceutics Mathematical Modeling of Release Kinetics from Supramolecular Drug Delivery Systems by Constantin Mircioiu, Victor Voicu, Valentina Anuta, Andra Tudose, Christian Celia, Donatella Paolino, Massimo Fresta, Roxana Sandulovici, Ion Mircioiu. Pharmaceutics 2019, 11(3), 140; <https://doi.org/10.3390/pharmaceutics11030140>

Editorial activity

Journal of Drug Delivery Science and Technology – Editorial board member
Journal of Functional Biomaterials – Editorial board member
Advances in Materials Science and Engineering – Editorial board member

Recent Invited presentations

13th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology - Programme committee member - 28-31 March 2022 | Rotterdam, The Netherlands 2022; 1st International Northern-Southern Europe Workshop In Nanomedicine - Member of Scientific Committee and Invited Speaker: Supramolecular lipid nano-aggregates designed for targeted therapy - January 15-17, 2020 Chieti, Italy.

Recent Grants

Perspectives For Future Innovation in Tendon Repair (P4FIT) (955685).
Funding source: EU H2020-MCSA-ITN-EJD-2020.
Amount: € 4,043,040
Period: January 2021 - December 2024.
Role: co-Investigator.

Coordinatore del Progetto: CAPUTI Sergio
Responsabile di Unità di Ricerca: FRESTA Massimo

Titolo del Progetto di Ricerca: Smart, Selective and Innovative Composite Membrane containing a combination of colloidal nanoparticles and prebiotics applied to the Healing Abutments against inflammation (SSICMHA)
Università/Ente: Università degli Studi "Magna Graecia" di CATANZARO
Protocollo progetto: Prot. 2022MKE4AF
CUP: F53D23005810006
Entità finanziamento: € 69.939