

Donato COSCO

Associate Professor of Pharmaceutical Technology

University of Catanzaro "Magna Græcia"

Department of Health Sciences

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EDUCATION & TRAINING

January–December 2013	Visiting scientist at the University of Paris-Sud, Equipe V (headed by Prof. E. Fattal), France
February 2010	PhD degree in Pharmaceutical Sciences, University of Catanzaro "Magna Græcia"
2006–2009	PhD student in Pharmaceutical Sciences, University of Catanzaro "Magna Græcia"
22–12–2005	Laurea summa cum laude in Pharmacy, University of Catanzaro "Magna Græcia"
2000–2005	Undergraduate student in Pharmacy, Faculty of Pharmacy, University of Catanzaro "Magna Græcia"

SKILLS

- design, development and characterization of biocompatible micro- and nanosystems as drug carriers
- modulation of the colloidal surface properties by suitable chemical approaches in order to obtain systems characterized by properties of selective targeting
- development of polymer-based carriers for pharmaceutical, cosmeceutical and food applications
- microencapsulation of bioactives within biomaterials by spray-drying technique

WORK EXPERIENCE

November 2017

National Scientific Qualification to cover a position as Full Professor (G.S.D. 03/CHEM-08, ex S.C. 03/D2) in Italy (ASN, MIUR, DD n. 1532/2016)

December 2016–ongoing

Associate Professor of Pharmaceutical Technology, Department of Health Sciences, University of Catanzaro "Magna Græcia"

2012–2016

Permanent Assistant Professor in Pharmaceutical Technology, Department of Health Sciences, University of Catanzaro "Magna Græcia"

2008–2011

Assistant Professorship position in Pharmaceutical Technology, Faculty of Pharmacy, University of Catanzaro "Magna Græcia"

SCIENTIFIC OUTPUT

Total number of peer-reviewed articles: >100

Patents: 9

Total number of citations: >4700 (Scopus)

H index: 41 (Scopus)

TEACHING ACTIVITY

- Master's Degree course in Pharmacy: "Principi di Chimico-Fisica delle Forme Farmaceutiche" and "Galenica ed Impianti di Laboratorio"
- Degree course in Biotechnology: "Farmaceutico Tecnologico Applicativo (CI Farmacologia e Veicolazione del Farmaco)"
- School of Specialization in Hospital Pharmacy: "Sistemi di Controllo Qualità", "Terapia del dolore: aspetti tecnologici e normativi".
- PhD in Life Sciences: "La nanomedicina antitumorale: passato, presente e prospettive future"

ADDITIONAL INFORMATION

Member of various Scientific Societies: SITELF (Società Italiana di Tecnologia e Legislazione Farmaceutiche), SCI (Società Chimica Italiana) e CRS Italy (Controlled Release Society, Italy Local Chapter).

Referee for several scientific journals (such as Biomaterials, Carbohydrate Polymers, Nano Today e Journal of Controlled Release) and national and international grants (PRIN, FIRB, PLAN CANCER, ANR, Marie Skłodowska-Curie Actions).