

PERSONAL INFORMATION

Eduardo Maria Sommella



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Sex Male | 12/09/1985 | Nationality Italian

Enterprise	University	EPR
☐ Management Level	☐ Full professor	☐ Research Director and 1st level Technologist / First Researcher and 2nd level Technologist
☐ Mid-Management Level	☒ Associate Professor	☐ Level III Researcher and Technologist
☐ Employee / worker level	☐ Researcher and Technologist of IV, V, VI and VII level / Technical collaborator	☐ Researcher and Technologist of IV, V, VI and VII level / Technical collaborator

WORK EXPERIENCE

- 11-2022-present **Associate Professor in Medicinal Chemistry**
University of Salerno
- Teaching and Research activity in the field of Pharmaceutical Analysis
- 2019-2022 **Assistant Professor**
University of Salerno
- Teaching and Research activity in the field of Pharmaceutical Analysis
- 2016-2019 **Post-Doctoral Fellow**
University of Reggio Calabria, University of Salerno
- Research in the field of Food Chemistry
 - Research activity in the field of Pharmaceutical Analysis
- 2016-2013 **Post-Doctoral Fellow**
University of Salerno
- Research in the field of Pharmaceutical Analysis Chemistry

EDUCATION AND TRAINING

- 2010-2012 **PhD in Food Chemistry and Safety**
University of Messina
- Development of advanced analytical methods for complex matrices analysis
- 2003-2009 **Master degree in Pharmaceutical Chemistry**
University of Naples, "Federico ", Napoli (Italy)

*Replace with EQF
(or other) level if
relevant*

PERSONAL SKILLS

Mother tongue(s)	Italian
Other language(s)	English: LISTENING C1, READING C1, WRITING C1, SPOKEN PRODUCTION C1, SPOKEN INTERACTION C1
Job-related skills	Member of organizing committee of HPLC2019 Milan and RDPA 2023. Component of research team of project PON01_01499 "Hi-life – Health Products from the Industry of Foods" dal 01-02-2013 al 31-01-2015, Participant to research activity of project POR Campania FESR 2013-2017 "SALUS PER LACTEM" CUP B67112000110007 from 02-10-2017 to 01-10-2018. Component of research team of project POR Campania FESR 2014-2020 Fase 2, Studio multicentrico aperto per determinare la sicurezza, tollerabilità ed efficacia della Larazotide acetato per l'uso urgente in pazienti anziani a rischio per la prevenzione di danno acuto polmonare (ALI) e la sindrome da distress respiratorio acuto (ARDS) associate a infezione da COVID-19 CUP G58D20000240002 from 18-05-2020 to 17-03-2021. Component of research team of project B61G18000470007–CAMPANIA ONCOTERAPIE", POR FESR CAMPANIA 2014-2020. Component of research team of project ARS01_00432 CUP: B26G18000700005 "PROCESSI GREEN PER L'ESTRAZIONE DI PRINCIPI ATTIVI E LA DEPURAZIONE DI MATRICI DI SCARTO E NON" (PON R&I 2014-2020 and PNR 2015-2020)
Digital skills	Microsoft Office, Adobe Suite, ChemDraw suite Metaboanalyst, Graphpad suite, Xcalibur, FreeStyle, Compound Discoverer, Proteome Discoverer, Metaboscape, MSDIAL, Labsolution, MZMine
Other skills	Expert in Analytical techniques applied to Omics (Metabolomics, Lipidomics) and Pharmaceutical Analysis. In particular mastery of chromatographic and mass spectrometry techniques (particularly 2D-LC-MS and UHPLC-HRMS, MALDI-MSI)

ADDITIONAL INFORMATION

Publications	Scopus profile: https://www.scopus.com/authid/detail.uri?authorId=37066570800 1)Carbone D, Vestuto V, Ferraro MR, Ciaglia T, Pecoraro C, Sommella E, Cascioferro S, Salviati E, Novi S, Tecce MF, Amodio G, Iraci N, Cirrincione G, Campiglia P, Diana P, Bertamino A, Parrino B, Ostacolo C. <i>Metabolomics-assisted discovery of a new anticancer GLS-1 inhibitor chemotype from a nortopsentin-inspired library: From phenotype screening to target identification</i>. Eur J Med Chem. 2022 Apr 15;234:114233. doi: 10.1016/j.ejmech.2022.114233. Epub 2022 Mar 6. PMID: 35286926. 2)Di Pietro P, Carrizzo A, Sommella E, Oliveti M, Iacoviello L, Di Castelnuovo A, Acemese F, Damato A, De Lucia M, Merciai F, Iesu P, Venturini E, Izzo R, Trimarco V, Ciccarelli M, Giugliano G, Carnevale R, Cammisotto V, Migliarino S, Virtuoso N, Strianese A, Izzo V, Campiglia P, Ciaglia E, Levkau B, Puca AA, Vecchione C. <i>Targeting the ASMAse/S1P pathway protects from sortilin-evoked vascular damage in hypertension</i>. J Clin Invest. 2022 Feb 1;132(3):e146343. doi: 10.1172/JCI146343. PMID: 35104805; PMCID: PMC8803332. 3)Merciai F., Musella S., Sommella E., Bertamino A., D'Ursi A., Campiglia P. <i>Development and application of a fast ultra-high performance liquid chromatography-trapped ion mobility mass spectrometry method for untargeted lipidomics</i> Journal of Chromatography A. 1673, 2022, 463124. https://www.sciencedirect.com/science/article/pii/S002196732200317X 4) Carrizzo A, Conte GM, Sommella E, Damato A, Ambrosio M, Sala M, Scala MC, Aquino RP, De Lucia M, Madonna M, Sansone F, Ostacolo C, Capunzo M, Migliarino S, Sciarretta S, Frati G, Campiglia P, Vecchione C. <i>Novel Potent Decameric Peptide of Spirulina platensis Reduces Blood Pressure Levels Through a PI3K/AKT/eNOS-Dependent Mechanism</i>. Hypertension. 2019 Feb;73(2):449-457. doi: 10.1161/HYPERTENSIONAHA.118.11801.
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