

PERSONAL INFORMATION **Elena Grasselli**



📍 University of Genoa
Department for the Earth, Environment and Life Sciences -DISTAV
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Sex F | Date of birth 02/12/1972 | 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 checked="" type="checkbox"/> Associate Professor	<input type="checkbox"/> 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

01/10/2020 – NOW [Associate Professor in Physiology-BIO/09; 05/D1](#)

University of Genoa - Department for the Earth, Environment and Life Sciences - DISTAV.

01/10/2017 – 30/9/2017 [Temporary researcher in Physiology-BIO/09; 05/D1 \(art. 24 c.3-b L. 240/10; art.1 c.14 L. 230/05\)](#)

University of Genoa - Department for the Earth, Environment and Life Sciences - DISTAV .

01/03/2006 - 30/09/2011 [Postdoc fellow in Physiology-BIO/09; 05/D1](#)

University of Genoa - Department for the Earth, Environment and Life Sciences - DISTAV .

03/03/2003 - 30/10/2005 [Postdoc fellow in Microbiology](#)

Cantonal Institute of Microbiology (Bellinzona-CH) e Division of Infectious Diseases of the University Hospitals of Geneva (CH).

EDUCATION AND TRAINING

2006 - 2010 [Master of Science in Human Pathology](#)

University of Genoa

2000- 2003 [Ph.D. Biophysics](#)

University of Genoa

1999 [Master degree in Molecular Biology](#)

University of Genoa

WORK ACTIVITIES

Editorial activity

Editor of BioMed Research International; Nutrients; Frontiers in Physiology: Oxidant Physiology; Molecules.

Invited presentations

More than 15 invited oral presentations.

Grants

From 2020-now total Budget received as financing from national and international institutions as well as industries: €1.500.000,00

PERSONAL SKILLS

Mother tongue(s) **Italian**

Other language(s) **English C1; French A2**

Job-related skills • **National scientific qualification (ASN): full professor in Physiology BIO/09; 05/D1**

- Advisor for Agenzia regionale per la protezione dell'ambiente ligure ARPAL contributing to the foundation of the brand new laboratorio di biologia molecolare e virologia ambientale
- Digital skills Platforms from webinar organisation, Validation and management of toxicological databases for cosmetics, image analysis, statistical analysis
- other skills
 - Lecturer for the courses "Colture Cellulari e Laboratorio"; "Fisiologia animale e laboratorio"; "Introduzione Ai Sistemi Di Gestione Aziendale: Qualità, Sicurezza e Ambiente" – Bachelor in Biology. "Interferenti endocrini e salute" - Master degree Biology.
 - Professor of the Ph.D. course Scienze e Tecnologie per l'Ambiente e il Territorio- STAT DISTAV – Unige
 - Tutor for more than 30 students degree both bachelor and master in Biology.

ADDITIONAL INFORMATION

Publications

total number of publications in peer-review journals: 42
 total Impact Factor (146.9) (average IF/paper 3.5),
 total number of citations: 927
 H index: 19

1. G Vecchione, **E Grasselli**, A Voci, F Baldini, I Grattagliano, DQ Wang, P Portincasa, L Vergani . Silybin counteracts lipid excess and oxidative stress in cultured steatotic hepatic cells. *World J Gastroenterol.* 2016;22(26):6016-26.
2. L Baselga-Escudero, V Souza-Mello, A Pascual-Serrano, T Rachid, A Voci, I Demori, **E Grasselli**. Beneficial effects of the Mediterranean spices and aromas on non-alcoholic fatty liver disease. *Trends in Food Science & Technology* 2017;61: 141-159.
3. L Vergani, G Vecchione, F Baldini, **E Grasselli**, A Voci, P Portincasa, P F Ferrari, B Aliakbarian, A A Casazza, P Perego. Polyphenolic extract attenuates fatty acid-induced steatosis and oxidative stress in hepatic and endothelial cells. *European Journal of Nutrition* 2017; doi: 10.1007/s00394-017-1464-5.
4. ZE Rashed, **E Grasselli**, H Khalifeh, L Canesi ,I Demori. Brown-Algae Polysaccharides as Active Constituents against Nonalcoholic Fatty Liver Disease. *Planta Med.* 2020. doi: 10.1055/a-1273-3159.
5. El Rashed Z, Lupidi G, Kanaan H, **Grasselli E**, Canesi L, Khalifeh H, Demori I. Antioxidant and Antisteatotic Activities of a New Fucoïdan Extracted from *Ferula hermonis* Roots Harvested on Lebanese Mountains. *Molecules.* 2021 Feb 22;26(4):1161. doi: 10.3390/molecules26041161.

Projects

Relevant projects

- 01-11-2021-30-09-2026 PI for UniGe "Demonstrable and replicable cluster implementing systemic solutions through multilevel circular value chains for eco-efficient valorization of fishing and fish industries side-streams- EcoeFISHent" (H2020-LC-GD-2020-3; ID:101036428). Budget of the project 18.583.714,47 UniGe Budget: € 1.352.820,00.
- 01-01-2020-now: PI for collaboration with the Liguria Region, Health and Social Services Department. Prevention on the environment-health connection and on the effects of aquatic contaminants on the Physiology of higher organisms. Budget: € 110'000,00.
- 19-04-2021- now Member of the UniGe operational unit for the POR FESR 2014-2020 – "Materiali organici biodegradabili per lo sviluppo di packaging intelligente-MERITI" - Call 2020. Proposer: MICAMO srl. UniGe Budget: € 200,000.00.
- 01-10-2021-now Responsible for financing by ANGEL Consulting s.a.s: for the XXXVII PhD scholarship entitled "Evaluation of the effects on the physiology of the skin of substances with estrogenic activity". Budget: € 65,000.00

Other Relevant Information

Relevant information: Collaboration with

- Industrial partners in cosmetic fields: Cosmetica Italia Servizi; Angel Consulting and Ardes
- Industrial partners in nutraceutical fields: MICAMO and Limealth;
- Local Institutional collaborations: IRCCS Ospedale Policlinico San Martino, Agenzia regionale per la protezione dell'ambiente ligure ARPAL; Regione Liguria.
- International Institutional collaborations: Prof. Damien Dupin-Head of Biomaterials Unit at CIDETEC Spain; Dr. Leticia Regueiro- Asociación Nacional de Fabricantes de Conservas de Pescados y Mariscos-Centro Tecnico Nacional de conservacion de productos de la pesca; Spain; Dr. Marina Mustapic, Bocassy CEO (Coratia)

According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV

Elena Grasselli

