



Danilo Ercolini**PERSONAL INFORMATION**

 Dipartimento di Agraria - Università degli Studi di Napoli Federico II - Reggia di Portici -
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Sesso M | Data di nascita 28/09/1975 | Nationality IT

CURRENT POSITION

Full Professor of Microbiology
Director of the Department of Agricultura Sciences - University of Naples Federico II

ADDITIONAL RELEVANT POSITIONS

Coordinator-Task Force on Microbiome Studies - University of Naples Federico II
Scientific Director - Agritech Foundation

RESEARCH FIELD (MAX 1000
characters space included)

The overall scientific activity has always been in the field of microbial ecology. Long-term expertise in Food microbiology and Gut microbiome and microbial ecology associated to food and human-related environments. He has been scientific responsible of several grants and supervised many students. The scientific activity is documented in > 190 publications in international journals with >17,000 citations his H-index is 74. He is Associate Editor of Microbiome, Applied and Environmental Microbiology and mSystems.

Prof. Ercolini's current research focuses on microbial ecology studies of complex consortia by using high-throughput sequencing and bioinformatics to profile microbiome structure and activities in several environments. He leads a task Force on Microbiome Studies at the University of Naples Federico II and Currently coordinates a microbiome-related Doctoral Marie Skłodowska Curie EU grant.

WORK EXPERIENCE

- 2021 - Director of the Department of Agricultura Sciences - University of Naples Federico II
- 2015 - Full Professor of Microbiology - University of Naples Federico II
- 2011-2015 Associate Professor - University of Naples Federico II
- 2002-2011 Lecturer in Microbiology - University of Naples Federico II

EDUCATION AND TRAINING

- March 2003 **PhD in Food Science and Technology**
University of Naples Federico II
- 2001-2002 **Marie Curie Fellowship**
Department of Food Science, University of Nottingham (UK)

October 1999

MSc *cum laude* in Food Science and Technology
University of Naples Federico II

PERSONAL SKILLS

Mother tongue Italian
Other languages English - fluent

ADDITIONAL INFORMATION

Publications and main indexes

Total number of publications in peer-review journals: 191

H-Index: 74

Google Scholar Page: <http://scholar.google.com/citations?user=SL5qGTQAAAAJ>Scopus: <https://www.scopus.com/authid/detail.uri?authorId=6602810120>ORCID: <http://orcid.org/0000-0003-3061-9560>

Relevant publications (5 most relevant)

1. Tett, A., Pasolli, E., Masetti, G., Ercolini, D. and Segata, N. (2021) Prevotella diversity, niches and interactions with the human host. *Nature Reviews Microbiology*. 19:585-599.
2. Pasolli, E., De Filippis, F., Mauriello, I.E., Cumbo, F., Walsh, A.M., Leech, J., Cotter, P.D., Segata, N., Ercolini, D. (2020) Large-scale genome-wide analysis links lactic acid bacteria from food with the gut microbiome. *Nature Communications* 11:2610.
3. De Filippis, F., Pasolli, E., Ercolini, D. (2020) Newly explored Faecalibacterium diversity is connected to age, lifestyle, geography, and disease. *Current Biology* 30:1-12.
4. Meslier, V., Laiola, M., Roager, H.M., De Filippis, F., Roume, H., Quinquis, B., Giacco, R., Mennella, I., Ferracane, R., Pons, N., Pasolli, E., Rivellese, A.A., Dragsted, L.O., Vitaglione, P., Ehrlich, D.S., Ercolini, D. (2020). Mediterranean diet intervention in overweight and obese subjects lowers plasma cholesterol and causes changes in the gut microbiome and metabolome independently of energy intake. *Gut* 69:1258-1268.
5. De Filippis, F., Pasolli, E., Tett, A., Tarallo, S., Naccarati, A., De Angelis, M., Neviani, E., Cocolin, L., Gobetti, M., Segata, N. and Ercolini, D. (2019) Distinct genetic and functional traits of human intestinal Prevotella copri strains are associated with different habitual diets. *Cell Host & Microbe* 25:444-453.

Presentations at conferences

Invited speaker

2020 - FoodMicro2020 - Next-generation challenges in food microbiology. Athens (Gr) 7-10 September.

2020 - 13th International Symposium on Lactic Acid Bacteria, Egmond aan Zee, the Netherlands, 23-27 August.

2019 - FEMS conference 2019 - Glasgow (UK) 8-12 July 2019. Bridging food and gut health: prevalence and functional traits of lactic acid bacteria and probiotics in the gut microbiome.

2019 - 10th Probiotics, prebiotics and new foods - Rome (Italy) 9-11 September Healthy food/Junk food, Mediterranean Diet and Microbiome.

Curriculum Vitae

Danilo Ercolini

Scientific Responsibility (Coordinator) of research grants

2020 (ongoing). CRESCENDO- H2020-MSCA-COFUND-2020 - Transdisciplinary Doctoral Program in Microbiome Science at the University of Naples Federico II Grant agreement No.101034245.

2023 (ongoing). National Centre for Technology in Agriculture - Agritech - Granted by the Italian Ministry of University and Research under the PNRR program.

Scientific Responsibility (local Principal Investigator) of research grants

2023 (ongoing). Extended Partnership - Research and innovation network on food and nutrition Sustainability, Safety and Security - OnFoods - Granted by the Italian Ministry of University and Research under the PNRR program.

2019 (ongoing). H2020-SFS-2018-2020- LC-SFS-03-2018 - MASTER: Microbiome Applications for Sustainable food systems through Technologies and Enterprise. Funded by the European Commission under the H2020 program. Grant agreement No. 818368 .

2019 (ongoing). Microbiome-tailored food products based on typical Mediterranean Diet components. Funded by the Italian Ministry of University and Research.

2019 (ongoing). JPI - Healthy diet for a healthy life (HDHL)-Intestinal Microbiomics (INTIMIC) Knowledge Platform on Food, Diet, Intestinal Microbiomics and Human Health. Funded by the Italian Ministry of Ministry of Agricultural, Food and Forestry Policies.

2017. JPI - Healthy diet for a healthy life. JPI - Microbiomics 2016. EU-project: Diet-induced Arrangement of the gut Microbiome for Improvement of Cardiometabolic health - DINAMIC (2016-2019). Funded by the Italian Ministry of University and Research. Mediterranean diet intervention in overweight and obese subjects.

Honours and awards

Premio Montana 2010

Premio Masaniello 2023

Memberships and managerial activities

Editor of Microbiome, Applied and Environmental Microbiology and mSystems

Date 12/10/2023

Signature

