

PERSONAL INFORMATION

Elena Franciosi

Fondazione Edmund Mach,

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Tel: +39 0461615117

Sex: F Date of birth: 13/05/1976

Nationality: Italian

CURRENT POSITION

Researcher and Technologist in Food and Nutrition Area

WORK EXPERIENCE

July 2015 - Today

Senior Researcher and TechnologistFondazione Edmund Mach Via E. Mach n 1, San Michele a/Adige (TN) Italy www.fmach.it
Research in food technology and microbiology in particular dairy field

October 2009 - June 2015

Junior Researcher and TechnologistFondazione Edmund Mach Via E. Mach n 1, San Michele a/Adige (TN) Italy www.fmach.it
Research in food technology and microbiology in particular dairy fieldOctober 2007 - September
2009**PhD student**Fondazione Edmund Mach Via E. Mach n 1, San Michele a/Adige (TN) Italy www.fmach.it
Research in food technology and microbiology in particular dairy fieldDecember 2002 - September
2007**Junior Researcher**Fondazione Edmund Mach Via E. Mach n 1, San Michele a/Adige (TN) Italy www.fmach.it
Research in food technology and microbiology in particular dairy fieldFebruary 2002 - September
2002**Junior Researcher**Neurological Science Department, Biochemistry section of Università degli Studi di Verona
Human Biochemistry about FGFR3 mutations associated to severe skeletal displasias

EDUCATION AND TRAINING

October 2007 to May 2010

Doctor of Philosophy Ph.D. in Food Science and Biotechnology

Bologna University

Dairy Microbiology and Technology

2001

Master degree in Industrial Biotechnology

Verona University,

Wine and must microbial ecology

PERSONAL SKILLS

Mother tongue

Italian

Other languages

English B2 level: understanding, speaking and writing

German A1 level: understanding, speaking and writing

ADDITIONAL INFORMATION

Publications and main indexes

Total number of publications in peer-review journals: 57

H-Index: 23

Google Scholar Page: <https://scholar.google.com/citations?user=uVEj98YAAAAJ&hl=it>

Publons: <https://publons.com/researcher/452817/elena-franciosi>

ORCID: 0000-0001-5478-3176

Relevant publications

R Guzzon, D Bertoldi, T Roman, R Zanzotti, E Franciosi, 2021, Spatial and Seasonal Structure of Bacterial Communities Within Alpine Vineyards: Trentino as a Case Study. Microbial ecology, 1-13 <https://doi.org/10.1007/s00248-021-01948-9>

Silvia Schiavon, Mauro Paolini, Raffaele Guzzon, Andrea Mancini, Roberto Larcher, Tomas Roman Villegas, Elena Franciosi, 2021 Bacterial Complexity of Traditional Mountain Butter Is Affected by the Malga-Farm of Production Microorganisms 10 (1), 17. <https://doi.org/10.3390/microorganisms10010017>

Andrea Mancini, Maria Cid Rodriguez, Miriam Zago, Nicola Cologna, Andrea Goss, Ilaria Carafa, Kieran Tuohy, Andrea Merz, Elena Franciosi, 2021, Massive survey on bacterial-bacteriophages biodiversity and quality of natural whey starter cultures in Trentingrana cheese production, Frontiers in Microbiology 12 doi: 10.3389/fmicb.2021.678012

Ilaria Carafa, Irma Castro Navarro, Giovanni Bittante, Franco Tagliapietra, Luigi Gallo, Kieran Tuohy, Elena Franciosi, 2020, Shift in the cow milk microbiota during alpine pasture as analyzed by culture dependent and high-throughput sequencing techniques Food Microbiology 91, 103504 <https://doi.org/10.1016/j.fm.2020.103504>

I Carafa, G Stocco, T Nardin, R Larcher, G Bittante, K Tuohy, E Franciosi 2019, Production of naturally γ -aminobutyric acid-enriched cheese using the dairy strains *Streptococcus thermophilus* 84C and *Lactobacillus brevis* DSM 32386. Frontiers in microbiology, 93 <https://doi.org/10.3389/fmicb.2019.00093>

Presentations at conferences

Over 30 contributions to national and international conferences related to food microbiology, technology and related topics. About ten oral presentations.

Main projects

Projects with national and international relevance:

2017 - 2022 TRENTINGRANA "Interventi innovativi ed integrati a supporto della qualità e valore della filiera del Trentingrana"; Programma Sviluppo Rurale PSR 2014 - 2020; Proposal n. 11651

2021 - 2024 FOODTRANET "Advanced research and Training Network in Food quality, safety and security"; H2020-MSCA-ITN-2020 (Marie Skłodowska-Curie Innovative Training Networks) Proposal n. 956265.

2017 - 2018 TRENTINCLA Effetti della dieta e del microbiota sul contenuto di acidi linoleici coniugati (CLA) nei prodotti caseari tradizionali trentini e relativi effetti salutistici; Bando per progetti di ricerca scientifica svolti da giovani ricercatori post-doc (2016)

Memberships and managerial activities

Member of editorial board of Food Microbiology

Member of editorial board of Scienza e Tecnica Lattiero Casearia