

# › Eleonora NIGRO

Scientific Communication Freelancer with background in Data Science and Microbiome Research.

Updated: 20.03.2024

## Work Experience

### Scientific Communicator

2022–now

#### (Visual noting, Illustrations, consultancy)

[www.eleonoranigro.com](http://www.eleonoranigro.com)

I believe that effective communication is crucial for advancing scientific understanding and fostering a sense of public trust in science.

- Working with researchers to help them to better express their science
- Creating graphics for grants, journal covers, logo
- Live drawings and social manager in conferences

### Scientific Coordinator for Health Data Science (Maternity cover)

2022–2023

Center for Health Data Science (HeaDS), Denmark

Intrigued by a scientific position that permits me to work with health data science, essential aspects of research and teaching, I joined HeaDS.

- Strategic planning and communication
- Project management and events planning
- Administration and grant applications
- Teaching data science subjects to researchers

### Bioinformatician (Arumugam Lab)

2020–2022

Novo Nordisk Foundation – Center for Basic Metabolic Research, Denmark

Fascinated by the world of microbes and nutrition, I started to work in the lab to understand how different diets can impact the human health.

- Developing bioinformatic pipelines for multi omics data

### Digital Media Designer

2022–2022

#### (Scientific Communication)

Novo Nordisk Foundation – Center for Protein Research, Denmark

- Developing the brand identity and website;
- Social media and vlog interviews
- Public Speaking, scientific communication

### Bioinformatician (Segata Lab)

2019–2020

University of Trento, Italy

## Publications

- Otani S, (...), **Nigro E**, et al. A new, unusually large *Clavicornaltica* flea beetle from Borneo, described and sequenced in the field by citizen scientists (Coleopter: Chrysomelidae: Galerucinae). *Biodiversity Data Journal* (2024)
- Gnanasekaran T, Sarathi A, Fang Q, (...), **Nigro E**, Arumugam M. Quantitative differences in synthetic gut microbial inoculums do not affect the final stabilized *in vitro* community compositions. *MSystem* (2023)
- Saenz C, **Nigro E**, Gunalan V and Arumugam M. *MIntO: A Modular and Scalable Pipeline For Microbiome Metagenomic and Metatranscriptomic Data Integration*. *Front. Bioinform.* 2:846922. (2022)
- **Nigro E\***, Karcher N\*, Punčochář M, et al. *Genomic diversity and ecology of human-associated Akkermansia species in the gut microbiome revealed by extensive metagenomic assembly*. *Genome Biol* 22, 209 (2021)
- Blanzieri E, (...), **Nigro E**, et al. *A Computing System for Discovering Causal Relationships Among Human Genes to Improve Drug Repositioning*. *IEEE Transactions on Emerging Topics in Computing*, vol. 9, no. 4, pp.1667-1682, 1 Oct.-Dec. (2021)
- Manara S, Asnicher F, Beghini F, (...), **Nigro E**, et al. *Microbial genomes from non-human primate gut metagenomes expand the primate-associated bacterial tree of life with over 1000 novel species*. *Genome Biol* 20, 299 (2019)

References available upon request

## Contacts

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### Email

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### LinkedIn

[ELEONORA NIGRO](#)

### Address

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2200 København, Denmark

## Skills

- Project management, stress management,
- Team builder & Teamwork
- Python, R, bash, git, Colab, HPC
- Microsoft Office (Word, Power Point)
- Graphical skills (Illustrator, procreate)
- Fast learner and curious
- Professional: Italian and English
- Beginner: French, Learning: Danish

## Education

### Master's Degree in Quantitative and Computational Biology (110/110 with honour)

2017–2019

University of Trento, Italy

Internship in Nicola Segata lab

Microbiome and metagenomics analysis on samples from non human primates and termites

### Bachelor's Degree in Biological Sciences and Technologies

2014–2017

University of Insubria, Italy

## Conferences (Visual Recording)

### Novo Nordisk Foundation Science Cluster: Protein Signaling in Space and time

Nov 27 – Dec 1, 2023

### Novo Nordisk Foundation Science Cluster: Stem Cell Niche

May 21 – May 25, 2023

### Novo Nordisk Foundation Science Cluster: Plant-Microbe Interactions

Nov 13 – Nov 17, 2022

### Novo Nordisk Foundation Science Cluster: Metabolism in Action

Sept 11 – Sept 15, 2022

## Volunteer Experience

### 2023, September – TaxonExpedition (Borneo)

Finding new insect species in the rainforest

### 2021–now

[Microbiome Virtual International Forum](#)

Steering Member

### 2014–2018

Red cross volunteer and Open water rescuer, Italy

### 2012–2013

AFS Intercultural Exchange Volunteer, Hong Kong

## Interests



Traveling  
Discovering new  
cultures



Swimming  
Triathlon  
Endurance  
sport



Art  
Drawing  
Playing the  
piano