

Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **Luca Erriquez**

E-mail luca.erriquez01@universitadipavia.it

Nationality Italy

Date of birth 20/07/1999

Gender Male

Phd Title Functional and evolutionary investigations on host-pathogen interactions

Supervisor Davide Sassera

Co-supervisor Ometto Lino

Research experience

Dates 2024

Occupation or position held Erasmus Traineeship researcher

Main activities and responsibilities Bioinformatic analysis, biological studies

Name and address of employer CEA -- Institut de Génomique – Genoscope, 2 Rue Gaston Crémieux, 91000 Évry-Courcouronnes

Types of business or sector Biological sciences

Dates 2024-2025

Occupation or position held Research fellow

Main activities and responsibilities Genomic and phylogenetic analyses on arthropod vector-associated microorganisms

Name and address of employer Pavia University, Corso Strada Nuova, 65 Pavia

Types of business or sector Biological sciences

Education and training

Dates 2025- ongoing
 Title of qualification awarded PhD in Genetics and Cellular and Molecular Biology
 Principal subjects/occupational skills covered Parasitology
 Name and type of organisation providing education and training Pavia University

Dates 2021/2023
 Title of qualification awarded Master Degree student
 Principal subjects/occupational skills covered Applied and experimental biology
 Name and type of organisation providing education and training Pavia University
 Level in national or international classification MSc

Dates 2018-2021
 Title of qualification awarded Bachelor Degree student
 Principal subjects/occupational skills covered Biological Sciences
 Name and type of organisation providing education and training Pavia University
 Level in national or international classification BSc

Dates 2013/2018
 Title of qualification awarded High school leaving qualification in scientific studies
 Principal subjects/occupational skills covered Scientific studies
 Name and type of organisation providing education and training Galileo Galilei High School

Dates 2017-2018
 Title of qualification awarded Chemical strengthening course qualification
 Principal subjects/occupational skills covered Chemistry
 Name and type of organisation providing education and training Alessandria University

Dates 2016
 Title of qualification awarded Training course in the field of biology
 Principal subjects/occupational skills covered Laboratory lectures in cell biology and microbiology
 Name and type of organisation providing education and training Alessandria University

Personal skills and competences

Mother tongue(s) **Italian**

Other language(s) **English**

Self-assessment

European level

Language

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
C1	C1	B1	B1	B1

Social skills and competences Team working, Active listening, Conflict resolution

Organisational skills and competences Analytical thinking, Setting goals, Preplanning

Technical skills and competences Bioinformatic knowledge, General Biology Knowledge, Genomics and Genetical Knowledge

Computer skills and competences Coding, Bash, Python, Social media, Team collaboration, MS Office, Spreadsheets, Presentations

Additional information

Publications Carlo Croci, Luca Erriquez, Beatrice Bisaglia, Greta Bellinzona, Emanuela Olivieri, Davide Sassera, Michele Castelli. Genome sequence of *Ehrlichia muris* from *Ixodes ricinus* collected in Italy on a migratory bird provides epidemiological and evolutionary insights. Ticks and Tick-borne Diseases, Volume 15, Issue 6, 2024. <https://doi.org/10.1016/j.ttbdis.2024.102409>.

Reviews Castelli M and Erriquez L. Peer Review Report For: The genome sequences of the diplomonad protist *Rhynchopus euleeides* YPF1915 and its bacterial endosymbiont *Candidatus* *Syngnamydia salmonis* (Chlamydiota) [version 1; peer review: 3 approved]. Wellcome Open Res 2025, 10:233 <https://doi.org/10.21956/wellcomeopenres.26494.r123870>

Posters and scientific communications
Surface Cell Antigens in *Rickettsiaceae*: Insights into host specificity and pathogenic evolution. Poster presented at INF-ACT CONGRESS 2025, Naples, Italy, April 2025.
Genome sequence of *Ehrlichia muris* from *Ixodes ricinus* collected in Italy on a migratory bird provides epidemiological and evolutionary insights. Poster presented at SymbNET 2024, Olhão, Portugal, June 2024.
Comparative genomics of UBA3830, a novel lineage of animal-gut dwelling *Alphaproteobacteria*. Poster presented at EMBL symposium, Heidelberg, Germany, Jun 2025.

Date: 8/10/2025

Signature: 