

Enrico Pelloni, PhD student

Cell Biology and Neurobiology Lab (Prof. Maria Grazia Bottone)

Project title: “Brain and not bone, new insights in Osteogenesis Imperfecta”

Scientific supervisor: Prof. Maria Grazie Bottone

Scientific reviewer: Prof. Marco Biggiogera

Enrico Pelloni

Place and date of birth: San Giovanni in Persiceto (Bologna,IT), March 25th, 1992

Email: enrico.pelloni01@universitadipavia.it

Education

- Oct 2022 – Ongoing **PhD in Genetics, Molecular and Cellular Biology, XXXVIII cycle**
Università degli studi di Pavia, IT
- Feb 2021 **License to Practice Biology**
University of Parma, IT
- Oct 2016 – Mar 2019 **Master's Degree in Medical Biotechnology**
Alma Mater Studiorum-University of Bologna, IT
- Oct 2012 – Nov 2015 **Bachelor's Degree in Biomedical Laboratory Techniques**
Alma Mater Studiorum-University of Bologna, IT

Research Experience

- Oct 2023 – Ongoing **PhD student**
Cellular Biology and Neurobiology
University of Pavia, Biology and Biotechnology Dept. "L. Spallanzani"
Project: "Brain and not bone, new insights in Osteogenesis Imperfecta"
- Oct 2022 – Oct 2023 **PhD student**
Human and Animal Population Genomics Lab
University of Pavia, Biology and Biotechnology Dept. "L. Spallanzani"
Project: "Modern and ancient DNA variation in human and animal populations"
- Mar 2018 - Mar 2019 **Undergraduate student**
Medical Genetics Unit, Department of Medical and Surgical Sciences- DIMEC
University of Bologna, S. Orsola - Malpighi Hospital
Thesis project: "*Genetic and functional studies in severe intestinal dysmotilities*"
- Mar 2015 - Nov 2015 **Undergraduate student**
Microbiology Unit, Department of Diagnostic and Prevention Medicine
University of Bologna, S. Orsola - Malpighi Hospital
Thesis project: "*p82: proteolytic fragment of the major autotransporter of Chlamydia trachomatis. Expression in eukaryotic cells*"

Professional Experiences related to the Academic career

- Mar 2024 **Teaching Assistant**
SSD BIO/06
University of Pavia, IT
- Feb 2022 – Oct 2022 **Research Assistant**
BRAVHOLab: Bologna Radiocarbon laboratory devoted to Human Evolution
Department of Chemistry “G. Ciamician”
Director: Prof. Sahra Talamo
Alma Mater Studiorum-University of Bologna, IT
- Jan 2013 - Mar 2015 **Undergraduate curricular internship as Biomedical Laboratory Technician**
Maggiore - Bellaria and S. Orsola - Malpighi Hospital
Experimental Zooprophyllactic Institute of Lombardia and Emilia – Romagna, IT

Other Professional Experiences

- Mar 2021 – Jul 2021 Professional Biologist, Swabber and Regional Lab Coordinator for COVID-19 detection
Gea Event, for Ferrari (LifeBrain, Modena) and Disney (Prenetics, Sardinia)
- Sep 2019 – Ongoing Licensed Organizer & Event Manager TEDx San Giovanni in Persiceto

Publications

- Laura Tassoni, B. Kromer, R. Friedrich, L. Wacker, M. Cattani, M. Friedrich, D. Paleček, E. Pelloni, K. Peng, M. Thomas, & S. Talamo. (2023). Safe preparation and delivery of graphite targets for ¹⁴C analysis: Procedures of BRAVHO Lab at Bologna University. Radiocarbon: An International Journal of Cosmogenic Isotope Research. <https://doi.org/10.1017/rdc.2023.43>
- S. Talamo, M. Friedrich, F. Adolphi, B. Kromer, T. Heaton, S. Cercatillo, R. Muscheler, D. Paleček, E. Pelloni, L. Tassoni, V. Toniello, & L. Wacker. (2023). Atmospheric radiocarbon levels were highly variable during the last deglaciation. Communications Earth & Environment. <https://doi.org/10.1038/s43247-023-00929-9>

Key skills acquired during my other experiences

Photo editing
Public speaking and networking

Languages known

Italian (native)
English B2
Spanish B1