

PERSONAL DATA

EDUCATION

- 2011-2015** **PhD** in Biodiversity (biological anthropology), Faculty of Biology, Autonomous University of Barcelona (Spain). Thesis: *The necropolis of Can Reiners (7th c. AD, Mallorca, Spain): demography, health, and lifestyle*. Supervisor: Professor Assumpció Malgosa Morera. From 04/10/2011 to 09/10/2015.
- 2007-2010** **MA** in Archaeology, University of Padua, Italy (110/110 cum laude). Thesis: *The Medieval Cemetery of the Church of San Pietro in Mavinas in Sirmione (Brescia, Italy) between the end of the 6th and the 14th centuries: a palaeobiological study of skeletal remains*. Supervisor: Dr Alessandro Canci. From 09/10/2007 to 22/10/2010.
- 2003-2007** **BA** in Archaeology, University of Padua, Italy (103/110). Thesis: *An anthropological and palaeopathological study of the skeletal remains of the Late Roman necropolis of Sarcedo (Vicenza, Italy)*. Supervisor: Dr Alessandro Canci. From 01/10/2003 to 15/06/2007.

PREVIOUS POSITIONS

- 2022-2025** **Fixed-term researcher (RTD-A)** at DANTE - Diet and Ancient Technology Laboratory, Department of Oral and Maxillofacial Sciences, Sapienza University of Rome. **PI** of the project: *“The bioarchaeology of communal health: infectious diseases, medical care, and funerary practices in medieval and early modern northern Italy”* acronym: **BioComm** (<https://biocommproject.wixsite.com/biocomm>), from 20/12/2022 to 19/12/2025. The project is funded by NextGenerationEU under the PNRR program (Piano Nazionale di Ripresa e Resilienza - Missione 4 “Istruzione e Ricerca” Componente 2 “Dalla Ricerca All’impresa” Investimento 1.2 - Finanziamento Di Progetti Presentati Da Giovani Ricercatori vincitori di **Marie Skłodowska-Curie Fellow** - Avviso N. 247 Del 19/08/2022).
- 2022-2022** **Postdoctoral Research Fellow** (ADD-Sapi Excellence 2022 fellowship), Department of Oral and Maxillofacial Sciences, Sapienza University of Rome. **PI** of the project: *Investigating medicinal plants and toxic heavy metals in ancient and modern dental calculus*. Acronym: MEDICAMENT, from 01/07/2022 to 19/12/2022.
- 2020-2022** **Marie Skłodowska-Curie Fellow** (H2020-MSCA-IF-2018, ID: 844364), Department of Oral and Maxillofacial Sciences, Sapienza University of Rome. Supervisor: Prof. Emanuela Cristiani. **PI** of the project: *Medical treatments in medieval leprosaria. Exploring healing remedies through dental calculus analysis*. Acronym: **MEDICAL**, from 01/03/2020 to 31/05/2022. Website: <https://medievalcalculus.wordpress.com>
- 2020** Research associate at Sapienza University of Rome (January-February). Dental calculus analysis and reference collection building for the ERC-funded project

HIDDEN FOODS: Plant foods in Palaeolithic and Mesolithic societies of Southeastern Europe and Italy. PI: Prof Emanuela Cristiani.

2018-2019 Postdoctoral researcher at the Department of Archaeology of the University of York (UK). Dental calculus and Carbon and Nitrogen isotope analyses for the AHRC-funded project *COUNTER CULTURE: investigating Neolithic social diversity*. PI: Dr Penny Bickle <https://www.counter-culture-project.org/about/team/35>

2018 Research associate at York University (UK). Dental calculus analysis and reference collection building.

PUBLICATIONS

Peer-reviewed articles

1- Capuzzo G., **Fiorin E.**, Salesse K., Veselka B., Polet C., Brecko J., De Groote I., Griffith J.I., Boudin M., Cauwe N., Cristiani E., Snoeck C. Unveiling mobility, diet, and health of the individuals buried in the Early Mesolithic and Middle-Late Neolithic rock shelter of Abri des Autours, Belgium (in preparation).

2- Pereira de Sousa, J., Passos Silva, F., César Grangeiro A.A., de Abreu Temoteo, R., Paulino do Nascimento, M., Roberts, C.A.; **Fiorin, E.**, Costa Fernandes, M. Knowledge and Experiences of leprosy: A Collective Subject Discourse Approach using Interviews of Adolescent Students in Northeastern Brazil (under review, *Enfermería Clínica*).

3- **Fiorin E.**, Perrot V., Roberts C.A., Chapelain de Seréville-Niel C., Snoeck C., and Cristiani E. **2026**. Mercury treatment in late medieval European leprosaria? New data from human dental calculus. *Journal of Archaeological Science*. <https://doi.org/10.1016/j.jas.2025.106444>

4- Gentile I., Dulce Neves D., Cecconi V., **Fiorin E.**, Giordano A., Cristiani E. **2025**. Diet and Health in Roman and Late Antique Italy: Insights from Isotopes and Dental Calculus. *European Journal of Post Classical Archaeologies*, 15:29-54.

5- Capuzzo G., **Fiorin E.**, Beck De Lotto M.A., Betto A., Tasca G., Forlin P., Snoeck C., Cheung C. **2025**. Diet, mobility, and life histories during the early medieval period at San Vito al Tagliamento, Italy. *Journal of Archaeological Science – Reports*. <https://doi.org/10.1016/j.jasrep.2025.105328>

6- Romero A., Basso Rial R.E., Jover Maestre F.J., Herrero-Otal M., Cuesta-Aguirre D.R., **Fiorin E.**, Malgosa A., Paz de Miguel Ibáñez M., López Padilla J.A. **2024**. Dental evidence of textile-related task activities in the Bronze Age site of Laderas del Castillo (Alicante, Spain). *Journal of Archaeological Science Reports*. <https://doi.org/10.1016/j.jasrep.2024.104818>

7- **Fiorin E.**, Roberts C.A., Baldoni M., Connelly E., Lee C., Ottoni C., Cristiani E. **2024**. First archaeological evidence for ginger consumption as a medicinal ingredient in a late medieval leprosarium at St Leonard, Peterborough, England. *Scientific Reports* DOI: [10.1038/s41598-024-52422-8](https://doi.org/10.1038/s41598-024-52422-8)

8- **Fiorin E.**, Cristiani E., Roberts C.A. **2023**. Knowledge and perception of leprosy amongst high school students in Italy: a survey. *Leprosy Review* 94(4):341-349. DOI: [10.47276/lr.94.4.341](https://doi.org/10.47276/lr.94.4.341)

9- Carra M., **Fiorin E.**, Lo Vetro D., Martini F., Sarti L., Zupancich A., Cristiani E. **2023**. Food plants in the Upper Palaeolithic of southern Italy. When carpological data meet dental calculus micro-debris. Special Issue “From Food to Environment: Advances in Ancient Dental Calculus Research” *Quaternary International* <https://doi.org/10.1016/j.quaint.2022.06.007>