

Ileana Micarelli, PhD

Name and surname: Ileana Micarelli

Part I – GENERAL INFORMATION

Omissis

Spoken Languages: Italian (mother tongue), English (advanced), French (basic knowledge)

Part II – EDUCATION

21/02/2020 – **PhD, Archaeology, curriculum post-classical archaeology and antiquities**

Department of Classics, Sapienza University of Rome (SSD L-ANT/08 and SSD BIO/08)

All'origine dei mestieri: attività professionali e strutture sociali in comunità alto-medievali in Italia.

Un'indagine bioarcheologica applicata a due necropoli di cultura longobarda

Graduation vote: Excellent

28/01/2016 – **MA Hons, Archaeology**

Department of Classics and Department of Environmental Biology, Sapienza University of Rome (SSD L-ANT/08 and SSD BIO/08)

La Necropoli Longobarda di Povegliano Veronese (VR, VI-VIII sec.): prime indagini antropologiche e contestualizzazione archeologica

Graduation vote: *cum laude*

29/04/2013 – **I level Master, Bioarchaeology, Paleopathology and Forensic Anthropology**

Universities of Bologna, Pisa and LABANOF of Milan

Effetto dell'età alla morte, del sesso e dell'attività professionale sui marcatori degli stress muscoloscheletrici (MSM) nel campione scheletrico medievale di Leopoli-Cencelle

07/07/2011 – **BA Hons, Archaeological Sciences**

Department of Classics, Sapienza University of Rome (SSD L-ANT/08)

Le sepolture infantili dell'Area IX di Leopoli-Cencelle

Graduation vote: *cum laude*

Part III – ACADEMIC APPOINTMENTS

2022-2024 – **Marie Skłodowska-Curie Standard Fellowship - Horizon Europe 2021**, Project: B-CARED

Osteobiographical investigation of disability and care in Medieval Europe, McDonald Institute for Archaeological Research, University of Cambridge (UK)

01/08/2021 – 31/07/2022 – **Post-doc** “Osteobiography of the servants in Roman times”, Department of Environmental Biology, Sapienza University of Rome

22/03/2021 – Present – **Board member of Istituto Italiano di Antropologia** (Italian Institute of Anthropology)

31/12/2020 – Present – **Registered as a qualified professional Archaeologist (I Class)**, Ministero per i Beni e le Attività Culturali (MiBAC) – Direzione Generale Educazione, Ricerca e Istituti Culturali, Italy

01/08/2020 – Present – **Head of the osteological investigation, Tusculum (Rome, IT)**, Escuela Española de Historia y Arqueología en Roma, Consejo Superior de Investigaciones Científicas (IT)

01/12/2019 – 24/02/2021 – **Post-doc** “Population biology, diseases and mobility: Romans and Longobards in the post-classical era”, Department of Environmental Biology, Sapienza University of Rome

13/04/2016 – 31/07/2016 – **Scholarship**, Osteological investigation of the skeletal collection of the Neolithic site of Palese (IT) – Department of Classics, Sapienza, University of Rome

Part IV – TEACHING EXPERIENCE

13-18/02/2023 – 2nd Level, Anatomia degli Arti, lessons and laboratories for School of Paleoanthropology of Perugia, University of Perugia (IT)

01/10/2021 – 30/09/2022 – **External lecturer** for "Anthropology and biomedical statistics", Department of Applied Clinical and Biotechnological Sciences, University of L'Aquila (IT)

01/09/2021 – Present – **Subject Matter Expert Human Bioarchaeology**, Department of Environmental Biology, Sapienza University of Rome (IT)

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- 03-06/2019 – Laboratory of Bioarcheology, study of skeletal remains from the funerary context of the Longobard necropolis of Selvicciola, Bachelor and Master's degree in Archaeology, Department of Classics, Sapienza, University of Rome (IT)
- 03-06/2017 – Laboratory of Applied Anthropology to Archaeology, Bachelor and Master's degree in Archaeology, Department of Classics, Sapienza, University of Rome (IT)
- 02-09/2017 – Laboratory of Anthropology, Specialisation programme in archaeological heritage, Department of Classics, Sapienza, University of Rome (IT)

Part V – SOCIETY MEMBERSHIPS, AWARDS

Society Memberships

- EAA – European Association of Archaeologists
PPA – PaleoPathology Association
AAI – Associazione Antropologica Italiana (Italian Anthropological Association)
ISItA Istituto Italiano di Antropologia (Italian Institute of Anthropology)

Awards

- 2019 – Mention of Merit for Scientific Research, Minerva Prize, Sapienza, University of Rome

Part VI - FUNDING INFORMATION [grants as PI-principal investigator or I-investigator]

Funded research projects

- 2024 – **Cambridge Humanities Research Grants Scheme 2023/24 Round 2 Application** (1,150 £)
Project: Diet of a proto-Slavic population from Northern Italy. Role: PI
- 2022-2024 – **Marie Skłodowska-Curie Standard Fellowship - Horizon Europe 2021** (220,908 €)
Project: B-CARED Osteobiographical investigation of disability and care in Medieval Europe. Role: PI
- 2019 – **Sapienza University of Rome, Research Projects – Starting Grants for Research** (1,100 €)
Project: I Longobardi nel periodo delle migrazioni. Misurazione del rapporto isotopico dello Stronzio come strumento integrativo di indagine delle dinamiche di mobilità nell'età post-classica: il caso studio da La Selvicciola (VT). Role: PI
- 2017 – **Sapienza University of Rome, Research Projects – Starting Grants for Research** (1,100 €)
Project: I Longobardi nel periodo delle migrazioni. Misurazione del rapporto isotopico dello Stronzio come strumento integrativo di indagine delle dinamiche di mobilità nell'età post-classica: il caso studio da Povegliano Veronese (VR). Role: PI
- 2015 – **Sapienza University of Rome, Winning M. Sc. Degree Scholarship** (1,180 €)
Project: The Longobards of Povegliano Veronese, Systematization and computerization of archaeological documentation aimed at preliminary bioarchaeological analysis. Role: PI

Participation in funded research projects

- 2022-2023 – **Joukowsky Institute for Archaeology & the Ancient World, Brown University** (15,000 \$)
Project: C14 dating of necropolises from Late Antique in Italy, Italy. Role: I
- 2022-2023 – **Lundbeck Foundation GeoGenetics Centre, Globe Institute, University of Copenhagen**
Project: Italy before the Romans. Addressing the interplay between genetic and cultural variation in Pre-Roman Italy. Role: I
- 2020-2021 – **Sapienza University of Rome, Department of Environmental Biology** (38,000 €)
Project: Osteobiography of the servants in Roman times. Role: I (associated to one year post-doc)
- 2020-2021 – **Sapienza University of Rome, Research Projects – Large Archaeological Digs** (44,000 €)
Project: The Archaeological Mission in the Sahara. Environment and societies in prehistoric Tunisia. Role: I
- 2019 – **Sapienza University of Rome, Research Projects – Large Archaeological Digs** (68,000 €)
Project: Cencelle: archaeology for social and economic reconstruction of a medieval town. Role: I
- 2018 – **Sapienza University of Rome, Research Projects – Large Archaeological Digs** (46,000 €)
Project: Leopoli-Cencelle: war and peace in a medieval town. Role: I
- 2018 – **Sapienza University of Rome, Research Projects – Big Projects** (23,000 €)
Project: Population biology, diseases and mobility: Romans and Longobards in the post-classical era. Role: I (associated to one year post-doc)

Part VII – RESEARCH ACTIVITIES

Bioarchaeology: contextualisation of biological knowledge within the archaeological framework

Environmental Biology: knowledge of the interactions of human biodiversity with the environment via the material culture in prehistoric and historical populations using the bioarchaeological approach.

Human Osteology: knowledge of biological profile, minimum biological sex, age at death and health conditions

Morphometric analyses: application of data in a virtual environment to investigate paleopathologies and human paleobiology.

Osteobiographies: reconstruction and narratives of health conditions, diet, occupational activities, and human-environment interactions.

Paleopathology: application and development of methodologies for investigation of paleopathology through morphological, morphometric, and differential diagnosis analyses

Part VIII – SUMMARY OF SCIENTIFIC ACHIEVEMENTS

a) Peer-Reviewed Publications

Guest Edited Special Issues

In progress – “The Bioarchaeology of Dis/Ability and Care”; Eds. Micarelli I., Beker B., *Bioarchaeology International*

2024 – “Disability and care in Western Europe during Medieval times: a bioarchaeological perspective”; Eds. Micarelli I., Tilley L., Tafuri M.A., *International Journal of Paleopathology*.

Papers

The Reference Database for the Impact Factor of papers from 2018-2023 is TMThomson Reuters metric by Scimago Journal & Country Rank; the current Impact Factor and the Impact Factor of papers dated 2024 are not yet available on the Reference Database, and they come from the journals' official webpages.

2024 – Micarelli I., Minozzi, S., Rodriguez, L., di Vincenzo, F., García-González, M.R., Giuffra, V., Paine, R.R., Carretero, J.M., Fornaciari, G., Moncel, M.H., Manzi, G., The oldest human fossil from Italy: reassessment of the femoral diaphysis from Venosa-Notarchirico in its Acheulean context, *Quaternary Science Reviews, JQSR_108709*.

Journal IF: 4; citations: 0; press/media release: n/a; Golden Open Access.

2024 – Micarelli I., Tafuri, M.A., Tilley L. Disability and care in Western Europe during Medieval times: A bioarchaeological perspective, *International Journal of Paleopathology*, 44, 119-125.

Journal IF: 1.2; citations: 0; press/media release: n/a; Golden Open Access

2023 – Zeppilli C., Micarelli I., Bernardini S., Profico A., di Giannantonio S., Giostra C., Paine R.R., Manzi G., Tafuri M.A. Stabbed to death: an osteobiography example of violence among Longobards (Povegliano Veronese, Italy, 6th-8th c CE), *Archaeological and Anthropological Sciences*, 15(5), p. 54.

Current Journal IF: 2.2 (2023 Journal IF: 2.1); citations: 1; press/media release: n/a; Golden Open Access

2023 – Micarelli I., Strani F., Bedecarrats S., Bernardini S., Paine R.R., Bliquez L., Giostra G., Gazzaniga V., Tafuri M.A., Manzi, G. An unprecedented case of cranial surgery in Longobard Italy (6th-8th century) using a cruciform incision, *International Journal of Osteoarchaeology*, 33(2), pp.187-195.

Current Journal IF: 1 (2023 Journal IF: 1.3); citations: 1; press/media release: yes (La Repubblica, Ansa, History) and the podcast “Chirurgia medievale”, Series “Darwin, l’evoluzione della scienza” by Il Sole 24 Ore. Golden Open Access

2023 – Bernardini S., Zeppilli C., Micarelli I., Goude G., Sayle K.L., Manzi G., Tafuri M.A. Multi-isotope analysis of primary and secondary dentin as a mean to broaden intra-life dietary reconstruction. A case from Longobard Italy, *International Journal of Osteoarchaeology* 33(2), pp.355-360.

Current Journal IF: 1 (2023 Journal IF: 1.3); citations: 0; press/media release: n/a. Golden Open Access

2022 – Mecozzi B., Buzi C., Iannucci A., Micarelli I., Bona F., Forti L., Lembo G., Manzi G., Mazzini I., Muttillio B., Pieruccini P., Ranaldo F., Sigari D., Sardella R. New human fossil from latest Pleistocene levels of Grotta Romanelli (Apulia, southern Italy), *Archaeological and Anthropological Sciences*, 14(1), 1-4.

Current Journal IF: 2.2 (2022 Journal IF: 2.2); citations: 2; press/media release: n/a. Golden Open Access

2021 – Profico A., Zeppilli C., Micarelli I., Mondanaro A., Raia P., Marchi D., Manzi G., O’Higgins P. Morphometric maps of bilateral asymmetry in the human humerus: an implementation in the R package, morphomap, *Symmetry*, 13(9), 1711

Current Journal IF: 2.7 (2021 Journal IF: 3.2); citations: 4; press/media release: n/a. Golden Open Access

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- 2021 – Bernardini S., Asrat Mogesie S., Micarelli I., Manzi G., Tafuri M.A. Contribution to Longobard dietary studies: stable carbon and nitrogen isotope data from Castel Trosino (6th-8th CE, Ascoli Piceno, Central Italy), *Data in Brief*, 38, 107290.
Current Journal IF: 1.2 (2021 Journal IF: 1.4); citations: 1; press/media release: n/a. Golden Open Access.
- 2021 – Micarelli I., Paine R.R., Tafuri M.A., Manzi G., Conservation and reassessment of an overlooked skeletal collection preserved since 1901 at The Museum of Anthropology “G. Sergi”, Rome, *Conservation Science in Cultural Heritage*, 20(1), 65–78.
Current Journal IF: 0.06 (2021 Journal IF: 0.3); citations: 3; press/media release: n/a. Golden Open Access
- 2021 – Ledger, M.L., Micarelli, I., Ward, D., Prowse, T.L., Carrolle, M., Killgrove, K., Rice, C., Franconi, F., Tafuri, M.A., Manzi, G., Mitchell, P. Gastrointestinal infection in Italy during the Roman and Longobard periods: a palaeoparasitological analysis of sediment from skeletal remains and sewer drains, *International Journal of Paleopathology*, 33, 61-71.
Current Journal IF: 1.2 (2021 Journal IF: 1.5); citations: 19; press/media release: n/a. Golden Open Access
- 2020 – Buzi C., Micarelli I., Paine R.R., Profico A., Messineo D., Tafuri M.A., Manzi G. Digital imaging techniques applied to a rare case of *concha bullosa* from an Early Medieval funerary area in central Italy, *International Journal of Paleopathology*, pp. 71-78.
Current Journal IF: 1.2 (2020 Journal IF: 1.5); citations: 4; press/media release: n/a. Golden Open Access
- 2020 – Francisci G., Micarelli I., Iacumin P., Castorina F., Di Vincenzo F., Di Matteo M., Giostra C., Manzi G., Tafuri M.A., Strontium and Oxygen Isotopes as indicators of Longobards mobility in Italy: an investigation at Povegliano Veronese, *Scientific Reports*, 10, 11678.
Current Journal IF: 4.6 (2020 Journal IF: 4.1); citations: 18; press/media release: n/a. Golden Open Access
- 2019 – Micarelli I., Paine R.R., Tafuri M.A., Manzi G. A possible case of mycosis in a post-classical burial from La Selvicciola (Italy), *International Journal of Paleopathology*, 24, pp. 25-33.
Current Journal IF: 1.2 (2019 Journal IF: 1.9); citations: 11; press/media release: n/a. Green Access
- 2018 – Buzi C., Micarelli I., Profico A., Conti J., Grassetti R., Cristiano W., Di Vincenzo F., Tafuri M.A., Manzi G. Measuring the shape: performance evaluation of a photogrammetry improvement applied to the Neanderthal skull Saccopastore 1. *Acta IMEKO* 7(3), 79-85.
Current Journal IF: 1 (2018 Journal IF: 0.8); citations: 15; press/media release: n/a. Golden Open Access
- 2018 – Profico A., Bellucci L., Buzi C., Di Vincenzo F., Micarelli I., Strani F., Tafuri M. A., Manzi G. Virtual Anthropology and its application in cultural heritage studies. *Studies in Conservation* 64(6), 323-336.
Current Journal IF: 0.8 (2018 Journal IF: 0.7); citations: 19; press/media release: n/a. Golden Open Access
- 2018 – Micarelli I., Paine R.R., Giostra C., Tafuri M.A., Profico A., Boggioni M., Di Vincenzo F., Massani D., Papini A., Manzi G. Survival to amputation in pre-antibiotic era: a case study from a Longobard necropolis (6th-8th centuries AD), *JASs Journal of Anthropological Sciences*, 96, pp. 185-200.
Current Journal IF: 1 (2018 Journal IF: 1.7); citations: 19; press/media release: n/a. Golden Open Access

b) Book Chapters

- In press* – Micarelli, I., Tafuri, M.A., Zeppilli, C., Frigerio, A., Beolchini V. Gli abitanti di Tusculum: una nuova stagione di indagini antropologiche, *Monografia Tusculum*.
- 2022 – D’Anastasio, R., Micarelli, I., chapter “Bioarchaeologia – Paleopatologia”, section “03 – Antropologia dello scheletro” Eds. M.G. Belcastro and G. Manzi. In *Manuale di Antropologia* Eds. L. Sineo and J. Moggi Cecchi, DeAgostini, Milano.
- 2019 – Francisci, G., Micarelli, I., Castoria, F., Tafuri, M. A. “Mobility pattern from the necropolis of Povegliano Veronese: preliminary isotopic results”, *III Incontro per l’Archeologia barbarica, Migrazioni, Clan, Culture – Archeologia e scienza*, pp. 83-99.

c) Proceedings of Conferences

- 2023 – Micarelli I. Osteobiographical investigation of disability and care in Medieval Europe, *Bulletins et Mémoires de la Société d’Anthropologie de Paris SAP 2023*.
- 2023 – Bernardini, S., Micarelli, I., Zeppilli, C., Strani, F., Bedecarrats, S., Paine, R.R., Bliquez, L., Gazzaniga, V., Sayle, K.L., Goude, G., Manzi G., Tafuri M.A. A Longobard osteobiography. A multi-proxy life history of an elderly woman from Castel Trosino (Italy). *Bulletins et Mémoires de la Société d’Anthropologie de Paris SAP 2023*.
- 2020 – Micarelli, I., Paine, R.R., Tafuri, M.A., Manzi, G. Multiple traumas: health care among an Early Medieval community in Italy (Selvicciola, 4th-8th centuries AD), *American Journal of Physical Anthropology, Abstract Meeting AAPA 2020*, Vol. 171, pp. 186-187.

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- 2019 – Masi, A., Tafuri, M.A., Buzi, C., Di Vincenzo, F., Gaveriaux, F., Micarelli, I., Moricca C., Vignola, C., Sadori, L., Manzi, G. “Humans and environments as Cultural Heritage. Bioarchaeological case studies from Latium”, in C. Arcangioli and M.S. Sarto (eds.), *Proceedings of the 1st Conference Rome 30 September 2019 Technological District of Cultural Heritage Lazio Centre of Excellence*, pp. 127-128.
- 2019 – Micarelli, I., Paine, R.R., Tafuri, M.A., Manzi, G. From time to time: multiple healed trauma seen in an early medieval burial of a senile man from La Selvicciola (Italy), in “Proceedings of the V National Meeting of the Italian Group of Paleopathology (GIPaleo)”, *Pathologica, VOL 111, Issue 4*, pp. 399-400.
- 2019 – Panella, S., Micarelli, I., Paine, R.R., Tafuri, M.A., Manzi, G. Scurvy among 22 juvenile burials from an early Italian Medieval anthropological series that may have also been affected by tuberculosis, in “Proceedings of the V National Meeting of the Italian Group of Paleopathology (GIPaleo)”, *Pathologica, VOL 111, Issue 4*, pp. 393-394.

d) Conference Communications

Chair of session/workshop

- 2024 – Micarelli, I., McKenzie C., Matczak, M., Casagrande, G. Exploring traumatic injuries leading to disability in the pre-antibiotic era: a multidisciplinary approach, EAA European Association of Archaeology, Rome (IT). 28 August – 31 August 2024.
- 2023 – Bernardini, S., Farese, M., Zeppilli, C., Micarelli, I. Bio-arch methodologies to assess mobility in the past: the need for interdisciplinary and multi-proxy investigations, EAA European Association of Archaeology, Belfast (UK). 30 August – 3 September 2023.
- 2023 – Micarelli I., Becker B. Disability and care in Bioarcheology: a perspective on health-related practices at individual- and population-scale approach. PPA Paleopathology Association Annual Meeting, Reno (USA). 17 – 19 April 2023.
- 2022 – Micarelli I. Session – Casi studio tra antropologia e archeologia. Nuove prospettive in Antropologia ed Evoluzione: Antropologia della salute: nuovi approcci e prospettive, ISItA Istituto Italiano di Antropologia. Rome (IT). 1 – 2 December 2022.
- 2022 – Micarelli I., Tafuri M.A. Symposium – Paleopathology, Disability and Care. PPA2022 Paleopathology Association European Meeting. Vilnius (LT). 25 – 29 August 2022.
- 2019 – Micarelli I., Tilley L., Tafuri M.A. – Disability and Care in Medieval Times: a bioarchaeological perspective into health-related practices. EAA2019 European Association for archaeologists. Berna (CH). 4 – 7 September 2019.

Podium presentations

- 2023 – Micarelli I. Osteobiographical investigation applied to a case from Early Middle Ages: a life narrative. AAI Associazione Antropologica Italiana Meeting 2023, Turin (IT). 6-8 September 2023.
- Micarelli I., Zeppilli C., Osteobiographical Investigation of Disability and Care in the Early Middle Ages from Italy. EAA 2023 European Association of Archaeologists Meeting Belfast (UK), 30 August – 2 September 2023.
- Micarelli I. Osteobiographical investigation of disability and care in Classical Italy, State of the Field 2023, Archaeologies of the Mediterranean, 14 - 15 April 2023, Joukowsky Institute for Archaeology and the Ancient World, Brown University, Providence, RI (USA)
- Micarelli I. Osteobiographical investigation of disability and care in Medieval Europe, SAP 2023 Paris Anthropology Society. Paris (FR). 25-27 January 2023.
- Bernardini, S., Micarelli, I., Zeppilli, C., Strani, F., Bedecarrats, S., Paine, R.R., Bliquez, L., Gazzaniga, V., Sayle, K.L., Goude, G., Manzi G., Tafuri M.A. A Longobard osteobiography. A multi-proxy life history of an elderly woman from Castel Trosino (Italy). SAP 2023 Paris Anthropology Society. Paris (FR). 25-27 January 2023.
- Giostra C., Micarelli I., Vergine C. First considerations on the reopening of Lombard culture burials in Italy. *Archeologia Barbarica 2023*. Online. 13 January 2023.
- 2022 – Micarelli I., Tafuri M.A. Introduction #Workshop – Paleopathology, Disability and Care. PPA2022 Paleopathology Association European Meeting. Vilnius (LT). 25-29 August 2022.
- 2021 – Zeppilli, C., Micarelli, I., Tafuri M.A., Manzi G., Stabbed by a blade during the barbarian invasion: the case of multiple perimortem traumas from an Italian Longobard cemetery (6th-8th c. CE). 7th Portuguese Conference on Paleopathology: health and disease in the past. 24-25 September 2021
- 2020 – Micarelli, I., Francisci, G., Trosini, M. S., Di Giannantonio, S., Di Matteo, M., Panella, S., Giostra, C., Castorina, F., Iacumin, P., Manzi, G., Tafuri M. A. In search of a complex past: Longobards in Italy: a

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- population on the move in Late Antiquity. Science ABC, Sapienza, University of Rome (IT). 19-21 February 2020
- Micarelli, I., Francisci, G., Iacumin, P., Di Vincenzo, F., Castorina, F., Giostra, C., Manzi, G., Tafuri, M. A. Evidence of the Longobards mobility in Italy through strontium and oxygen isotope ratios at Povegliano Veronese (6th-8th century AD). SAP Société d'Anthropologie de Paris Aix en Provence (FR). 29-31 January 2020
- 2019 – Micarelli I., Tilley L., Tafuri M.A. Introduction to the #Session 268 – Disability and Care in Medieval Times: a bioarchaeological perspective into health-related practices. EAA2019 European Association for archaeologists Beyond Paradigms Berna (CH). 4-7 September 2019
- Panella, S., Micarelli, I., Paine, R. R., Tafuri, M. A. La paleopatologia come strumento di indagine per la mortalità infantile: il caso studio della necropoli altomedievale della Selvicciola (VT). Workshop “Il corpo, il rito, la memoria: riflessioni sulla morte del bambino in Italia fra Tardo Antico e Basso Medioevo” Sapienza, University of Rome (IT). 26 June 2019
- Micarelli I., Paine, R. R., Tafuri, M.A., Manzi G. Di volta in volta: trauma multiplo nella sepoltura altomedievale di un uomo senile da Selvicciola (Italia). GIPaleo2019 Gruppo Italiano di Paleopatologia, Forlì (IT). 18 May 2019
- 2018 – Micarelli, I., Francisci, G., Trosini, M. S., Di Giannantonio, S., Di Matteo, M., Giostra, C., Castorina, F., Iacumin, P., Manzi, G., Tafuri M. A. In search of a complex past – Longobards in Italy: a population on the move in late antiquity. EAA2018 European Association for archaeologists Reflecting Futures, Barcelona (SP) 5-8 September 2018
- 2017 – Francisci, G., Micarelli, I., Giostra, C., Castorina, F., Manzi, G., Tafuri M. A. Strontium Isotopes as indicators of Longobards mobility: preliminary investigation at Povegliano Veronese. METROARCHEO, Castello Carlo V, Lecce (IT) 23-25 October 2017
- Micarelli, I., Francisci, G., Giostra, C., Castorina, F., Manzi, G., Tafuri M. A. Povegliano Veronese - a Postclassical necropolis from the Northern Italy (VI-VIII centuries AD). EAA2017 European Association for archaeologists, Building Bridges, Maastricht (NL) 30 August – 3 September 2017
- 2016 – Micarelli, I., Profico, A., Di Vincenzo, F., Tafuri M.A., Giostra, C., Manzi, G. 3D imaging techniques Applied to paleopathology: a rare forearm amputation from an Early-Middle-Age case study – Talk. TAG2016 Theoretical Archaeology Group, University of Southampton (UK). 19-21 December 2016
- Posters**
- 2022 – Zeppilli C., Micarelli I., Bernardini S., Profico A., Tafuri M.A., Manzi G. Severe ankylosis of the right hip in the Early Medieval community of Selvicciola (4th-8th centuries CE). XXIV AAI Conference (*Associazione Antropologica Italiana*), Chieti (IT). 07-10 September 2022.
- Zeppilli C., Profico A., Micarelli I., Melegari F., Manzi G. An integrated approach to the study of long bone morphology and cortical thickness distribution. Proceedings of the ESHE 2022. European Society for the study of Human Evolution 2022. Tübingen (DE). 21-25 September 2022.
- Farese M., Formichella G., Bernardini S., Zeppilli C., Micarelli I., Manzi G., Tafuri M.A. Were they actually local? Strontium isotope analysis of individuals from the Roman cemetery of Lucus Feroniae (Rome, Italy). EAA2022. European Association for archaeologists. Virtual. 31 August – 1 September 2022.
- 2021 – Farese, M., Bernardini, S., Zeppilli, C., Micarelli, I., Tafuri M.A., Manzi G., Living and surviving in the Roman Empire: skeletal trauma and strontium isotopes of an individual from Lucus Feroniae (Rome, Italy). 22nd Annual Conference of the British Association for Biological Anthropology and Osteoarchaeology 17-19 September 2021.
- Zeppilli, C., Micarelli, I., Profico, A., Tafuri M.A., Manzi G., Measuring the asymmetry in long bone morphometric maps of cortical thickness: occupation-related differences in the modern human humerus, Virtual ESHE, European Society for the study of Human Evolution, 22-24 September 2021.
- 2020 – Zeppilli, C., Micarelli, I., Profico, A., Tafuri M.A., Manzi G., Quantifying the lateralization in the upper limb of historical human populations: a detailed study of the cortical bone distribution in the humeral diaphysis, Virtual ESHE, European Society for the study of Human Evolution, 24-25 September 2020.
- Zeppilli, C., Buzi, C., Micarelli, I., Paine, R.R., Tafuri M.A., Manzi G. – The application of new methods of 3d analysis in paleopathology: the unique case of *concha bullosa* among Longobards. SCIENCE ABC (Science Applications Becoming Culture), Rome, 19-21 February 2020
- 2019 – Trosini, M., Panella, S., Manzollino, R., Bernardini, S., Zeppilli, C., Micarelli, I., Paine, R.R., Tafuri, M. A., Manzi, G. 4-7 September 2019. Possible cancer in Early medieval Italy: differential diagnosis in paleopathology to detect metastatic bone disease – Poster. AAI2019 Italian Association of Anthropology, Anthropology: what are the next questions? Padova (IT). 04-06 September 2019.

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- Panella, S., Micarelli, I., Tafuri, M. A., Paine, R. R., Profico, A., Giostra, C., Manzi, G. 4-7 September 2019. Metabolic disorders and health status of two necropolises from Longobard Italy (VII-VIII centuries AD) – Poster. AAI2019 Italian Association of Anthropology, Anthropology: what are the next questions? Padova (IT). 04-06 September 2019
- Francisci, G., Micarelli, I., Castorina, F., Giostra, C., Manzi, G., Tafuri, M. A. Povegliano Veronese Strontium Isotopes as indicators of Lombards mobility: preliminary investigation at Povegliano Veronese (VR) – Poster. ArcheOrganics, 1st Italian Workshop on the Analysis of Archaeological Organic Remains, Sapienza, University of Rome (IT). 20 June 2019
- 2018 – Micarelli, I., Paine, R., Giostra, C., Tafuri M.A., Profico, A., Boggioni, M., Di Vincenzo, F., Massani, D., Papini, A., Manzi, G. Survival of a one-arm warrior in pre-antibiotic era: a case study from an Italian Longobard necropolis (6th-8th centuries AD). PPA2018 Paleopathology Association, 22nd European Meeting, Zagreb (HR). 28 August – 1 September 2018
- Micarelli, I., Buzi, C., Profico, A., Di Vincenzo, F., Bellucci L., Strani, F., Tafuri M.A., Manzi, G. – Virtual anthropology in the study of human evolution and history. XV FISV Congress (*Federazione Italiana Scienze della Vita*), Rome, 18-21/09/2018
- 2017 – Buzi, C., Micarelli, I., Profico, A., Conti, J., Grassetti, R., Cristiano, W., Di Vincenzo, F., Tafuri, M. A., Manzi, G. – New challenges for research and dissemination in virtual anthropology: applications to the case study of fossils and artifacts from Saccopastore (Rome, Italy). XXII AAI Conference (*Associazione Antropologica Italiana*), Monteporzio Catone (Rome), 06-08 September 2017
- Micarelli, I., Paine, R., Tafuri, M.A., Manzi, G. 6-7 September 2017. Systemic osteolytic lesions from the Necropolis of La Selvicciola the case study of an adult male – Poster. XXII Congresso AAI, Italian Association of Anthropology, Villa Mondragone, Monteporzio Catone (IT). 06-08 September 2017
- Micarelli, I., Rotunno, R., Mazzoni, L., Pantano, F., Tafuri, M. A., Giostra, C., Manzi, G. 6-7 September 2017. The post-cranial morphometry of the Lombard long-bones from Povegliano Veronese (Verona, VI-VIII sec.C.) – Poster. XXII Congresso AAI, Italian Association of Anthropology, Villa Mondragone, Monteporzio Catone (IT). 06-08 September 2017
- Francisci, G., Micarelli, I., Giostra, C., Castorina, F., Manzi, G., Tafuri M. A. 6-7 September 2017. Strontium Isotopes as indicators of Lombards mobility: preliminary investigation in Povegliano Veronese – Poster. XXII Congresso AAI, Italian Association of Anthropology, Villa Mondragone, Monteporzio Catone (IT). 06-08 September 2017

e) Invited Talks/Lectures Outreach

- 2023 – “Festival of Neolithic Ideas” at Stonehenge, English Heritage (UK).
- 2023 – NVS Talks “Investigation of Disability and Care in Early Medieval Italy”, Newcomers and Visiting Scholars, Cambridge University Centre, Riverside Suites (UK).
- 2023 – MERC Roundtable: Diversifying Medieval Archaeology - What Can We Achieve Together? EAA 2023 European Association of Archaeologists Meeting Belfast (UK), 30 August – 2 September 2023.
- 2020 – *Lucus Feroniae: i resti umani, storie di ossa, di denti e di varia umanità*. Antiquarium at Lucus Feroniae (IT). *L'indagine osteobiografica attraverso la ricerca multidisciplinare: il caso studio della necropoli presso Selvicciola a Ischia di Castro (VT, fine IV – inizi VIII)*. Sapienza, University of Rome (IT)
- 2019 – *The Paleopathological approach to past communities the Disability and Care in Medieval Times: a bioarchaeological perspective on health-related practices*. University of Bergen (NO). *Antropologia dei Longobardi in Italia: storie di vita. Sulle tracce dei Longobardi Longobardi in vetrina*, Workshop at MuCiv, Museo delle Civiltà of Rome (IT).
- 2018 – *Traumatologia bellica e sopravvivenza alle lesioni: alcuni casi studio*. Seminars on *Tusculum*, Morte e guerra: il contributo della archeobiologia. Sapienza, University of Rome (IT)
- Migrazioni non invasioni: i Longobardi in Italia*. Annual Meeting 2018. Migrazioni umane: dal passato remoto al presente prossimo Migrazioni nel tempo profondo, Istituto Italiano di Antropologia, Rome (IT).
- Lombards in Italy: the arrival of a migrant population at Povegliano Veronese and Selvicciola*. Medieval Archaeology, Group Seminar Series, Mc Donald Institute, University of Cambridge (UK).

f) Academic Lectures/Seminars

- 13/02/2020 – *La Bioarcheologia applicata: due casi studio dal periodo post-classico*, lesson for the Specialisation programme in archaeological heritage, Department of Classics, Sapienza, University of Rome, prof. G. Manzi
- 15/01/2020 – *The food in the post-classical & Medieval times*, lesson for The Bioarchaeology of food, Course of Science and Technology of Conservation of Cultural Heritage LM-11, Department of Environmental Biology, Sapienza, University of Rome, prof. M. A. Tafuri

Ileana Micarelli, PhD

- 20/02/2019 – 2nd Level, *Le ossa dei Neanderthal raccontano: patologie, traumi e assistenza al malato*, lesson for School of Paleoanthropology of Perugia, University of Perugia (IT)
- 19/12/2018 – *Il cibo nel periodo post-classico & medievale*, lesson for History & Geography of human nutrition - Course of Science and Technology of Conservation of Cultural Heritage LM-70, Department of Environmental Biology, Sapienza, University of Rome, prof. M.A. Tafuri
- 18/12/2017 – *Il cibo nel periodo post-classico & medievale*, lesson for History & Geography of human nutrition - Course of Science and Technology of Conservation of Cultural Heritage LM-70, Department of Environmental Biology, Sapienza, University of Rome, prof. M.A. Tafuri

g) Academic Supervision

- In progress*: **PhD**: XX Num. Matricola: 1711881. Individuo e comunità: Indagine bioarcheologica della necropoli bassomedievale (XII-XV secolo) di Cencelle (VT), Sapienza, University of Rome
- 2023 – **PhD**: XX Num. Matricola: 1840896. Geometric morphometry and functional biomechanics applied to the study of human skeletal remains from an archaeological context, Sapienza, University of Rome
- 2020 – **ARCHMAT ERASMUS MUNDUS Master Programme in ARCHaeological MATerials science**: XX Num. Matricola: 1903091. The mobility of the group of Longobards burial from Selvicciola (VT – Italy). Sapienza, University of Rome
- XX Num. Matricola: 1903100. Stable carbon and nitrogen isotope evidence of Longobard diet: the case study of Castel Trosino, Italy. University of Rome
- M.Sc.**: XX Num. Matricola: 1521698. Bioarchaeology of the skeletal collection of Lucus Feroniae, Sapienza, University of Rome
- 2019 – **ARCHMAT ERASMUS MUNDUS Master Programme in ARCHaeological MATerials science**: XX Num. Matricola: 40804, 2019. Skeletal Biology of Human Populations Between Classical and Post-Classical Times in Italy: The Evidence of Dental Enamel Hypoplasia. Sapienza, University of Rome.
- M.Sc.**: XX Num. Matricola: 1395848. Evidenze scheletriche di stress metabolico nelle popolazioni longobarde de La Selvicciola (Ischia di Castro, VT, VII sec. d.C.) e Povegliano Veronese (Ortaia, VR, VI-VIII sec. d.C.), Sapienza, University of Rome
- B.Sc.**: XX Num. Matricola: 1762582. Catalogazione museale di resti scheletrici umani antichi: il caso del campione di Lucus Feroniae (~II sec. d.C.) Sapienza, University of Rome
- 2017 – **B.Sc.**: XX Num. Matricola: 1528700. Morfologia scheletrica, ricerca antropologica e musealizzazione: la frazione subadulta dei campioni di epoca longobarda da Povegliano Veronese (VR) e Selvicciola (VT), Sapienza, University of Rome.
- XX Num. Matricola: 1455921. Morfometria e caratteri discreti del cranio: il campione di Povegliano Veronese, Sapienza, University of Rome.
- M.Sc.**: XX Num. Matricola: 1318460. Isotopi dello stronzio come indicatori di mobilità dei Longobardi. Il caso di Povegliano Veronese (VR, VI-VIII secolo d.C.), Sapienza, University of Rome.

Number of papers on Scopus	16 (+1 Note; + 1 Erratum)
Total Impact factor	29.2 Calculated in relation to the year of publications
Average Impact Factor	1.8
Total Citations on Scopus	117
Average Citations per Product	7.3
Hirsch (H) index on Scopus	6
Normalized H index*	0.8

*H index divided by the academic seniority.

Part IX – ACADEMIC AND NON-ACADEMIC EXPERIENCES

Field Excavation

Ileana Micarelli, PhD

- 2022-2023 **Castelseprio (VA) – Cattolica, University of Milan, Italy**
Rural fieldwork
- 2021 **El Kef (Tunisia) – Sapienza University of Rome, Italy**
Rural fieldwork
- 2015 **Porta Marina - Ostia Antica (RM) – University of Bologna, Italy**
Urban fieldwork
- 2012 **Church of San Pietro, Badia Pozzeveri (LU) – University of Pisa, Italy**
Funerary area fieldwork
- 2011 **Tempio del Sol Indiges, Torvajonica (RM) – Sapienza University of Rome, Italy**
Rural fieldwork
- 2010 **Leopoli-Cencelle (VT) – Sapienza University of Rome, Italy**
Funerary area fieldwork
- 2009 **Veio (Rome) – Sapienza University of Rome, Italy**
Rural fieldwork
- 2008-2009 **Palatino North-East slopes (Rome) – Sapienza University of Rome, Italy**
Urban fieldwork

Committees

2024 – Early Career Committee (ECR) at the McDonald Institute, University of Cambridge, as representative of the Post-Doc Academy

2023 – Committee of Ethics, Feed 10 Sapienza, University of Rome

Overseas Research Short Visits

02-05/2018 – Visiting Research at McDonald Institute for Archeological Research, University of Cambridge (UK)

Outreach

2023 – Podcast “Chirurgia medievale”, Series “Darwin, l’evoluzione della scienza” by Il Sole 24 Ore, open access online

2021 – Podcast “Il Capitan Uncino dei Longobardi”, Series “Tutta un’altra storia”, open access on Spotify

Manuscript reviewer

- Journal of Archaeological Science: Reports
- Sprawozdania Archeologiczne
- American Journal of Biological Anthropology
- Journal of Human Evolution
- Medicina nei secoli - International Journal of History of Medicine
- International Journal of Student Research in Archaeology

Guide in museum

- December 2020 – present: collaboration with ArcheoRoad Tour Operator, formative activities for children.
- April – May 2019 – Museo delle Civiltà, MuCiv, Coop ADITUM Cultura, Roma (IT)
- May 2017 – “Sabato al Museo” (Saturday at the Museum), PoloMuseale Sapienza, Department of Environmental Biology, Sapienza, University of Rome (IT)

Guide to enrol at the university

- January 2020 – PCTO activities – Transversal Competence and Orientation Paths, Laboratory of Bioarcheology for the High School at the Department of Environmental Biology, Sapienza, University of Rome (IT)
- January 2017 – PCTO activities – Transversal Competence and Orientation Paths, Laboratory of Bioarcheology for the High School at the Department of Classics, Sapienza, University of Rome (IT)

Other Certificates/Attended Courses

2019 – *Advanced course of Statistics on the use of software R*

Department of Environmental Biology, Sapienza University of Rome (IT)

2012 – *Intensive course in Funerary Archaeology and Anthropology based at École Française de Rome (IT)*, UMR 599 - Pacea, Laboratoire de Anthropologie, Université de Bordeaux 1 and Special Superintendence of Archaeological Heritage of Rome

Part X – SELECTED PUBLICATIONS

- Micarelli I., Minozzi, S., Rodriguez, L., di Vincenzo, F., García-González, M.R., Giuffra, V., Paine, R.R., Carretero, J.M., Fornaciari, G., Moncel, M.H., Manzi, G. 2024. The oldest human fossil from Italy: reassessment of the femoral diaphysis from Venosa-Notarchirico in its Acheulean context, *Quaternary Science Reviews*, *JQSR_108709*.
Journal IF: 4; citations: 0; press/media release: n/a; Golden Open Access.
- Micarelli I., Tafuri, M.A., Tilley L. 2024. Disability and care in Western Europe during Medieval times: A bioarchaeological perspective, *International Journal of Paleopathology*, 44, 119-125.
Journal IF: 1.2; citations: 0; press/media release: n/a; Golden Open Access
- Zeppilli C., Micarelli I., Bernardini S., Profico A., di Giannantonio S., Giostra C., Paine R.R., Manzi G., Tafuri M.A. 2023. Stabbed to death: an osteobiography example of violence among Longobards (Povegliano Veronese, Italy, 6th-8th c CE), *Archaeological and Anthropological Sciences*, 15(5), p. 54.
Current Journal IF: 2.2 (2023 Journal IF: 2.1); citations: 1; press/media release: n/a; Golden Open Access
- Micarelli I., Strani F., Bedecarrats S., Bernardini S., Paine R.R., Bliquez L., Giostra G., Gazzaniga V., Tafuri M.A., Manzi, G. 2023. An unprecedented case of cranial surgery in Longobard Italy (6th-8th century) using a cruciform incision, *International Journal of Osteoarchaeology*, 33(2), pp.187-195.
Current Journal IF: 1 (2023 Journal IF: 1.3); citations: 1; press/media release: yes (La Repubblica, Ansa, History) and the podcast “Chirurgia medievale”, Series “Darwin, l’evoluzione della scienza” by Il Sole 24 Ore.
Golden Open Access
- Mecozzi B., Buzi C., Iannucci A., Micarelli I., Bona F., Forti L., Lembo G., Manzi G., Mazzini I., Muttillio B., Pieruccini P., Ranaldo F., Sigari D., Sardella R. 2022. New human fossil from latest Pleistocene levels of Grotta Romanelli (Apulia, southern Italy), *Archaeological and Anthropological Sciences*, 14(1), 1-4.
Current Journal IF: 2.2 (2022 Journal IF: 2.2); citations: 2; press/media release: n/a. Golden Open Access
- Profico A., Zeppilli C., Micarelli I., Mondanaro A., Raia P., Marchi D., Manzi G., O'Higgins P. 2021. Morphometric maps of bilateral asymmetry in the human humerus: an implementation in the R package, morphomap, *Symmetry*, 13(9), 1711
Current Journal IF: 2.7 (2021 Journal IF: 3.2); citations: 4; press/media release: n/a. Golden Open Access
- Ledger, M.L., Micarelli, I., Ward, D., Prowse, T.L., Carrolle, M., Killgrove, K., Rice, C., Franconi, F., Tafuri, M.A., Manzi, G., Mitchell, P. 2021. Gastrointestinal infection in Italy during the Roman and Longobard periods: a palaeoparasitological analysis of sediment from skeletal remains and sewer drains, *International Journal of Paleopathology*, 33, 61-71.
Current Journal IF: 1.2 (2021 Journal IF: 1.5); citations: 19; press/media release: n/a. Golden Open Access
- Francisci G., Micarelli I., Iacumin P., Castorina F., Di Vincenzo F., Di Matteo M., Giostra C., Manzi G., Tafuri M.A. 2020. Strontium and Oxygen Isotopes as indicators of Longobards mobility in Italy: an investigation at Povegliano Veronese, *Scientific Reports*, 10, 11678.
Current Journal IF: 4.6 (2020 Journal IF: 4.1); citations: 18; press/media release: n/a. Golden Open Access
- Micarelli I., Paine R.R., Tafuri M.A., Manzi G. 2019. A possible case of mycosis in a post-classical burial from La Selvicciola (Italy), *International Journal of Paleopathology*, 24, pp. 25-33.
Current Journal IF: 1.2 (2019 Journal IF: 1.9); citations: 11; press/media release: n/a. Green Access
- Buzi C., Micarelli I., Profico A., Conti J., Grassetti R., Cristiano W., Di Vincenzo F., Tafuri M.A., Manzi G. 2018. Measuring the shape: performance evaluation of a photogrammetry improvement applied to the Neanderthal skull Saccopastore 1. *Acta IMEKO* 7(3), 79-85.
Current Journal IF: 1 (2018 Journal IF: 0.8); citations: 15; press/media release: n/a. Golden Open Access
- Profico A., Bellucci L., Buzi C., Di Vincenzo F., Micarelli I., Strani F., Tafuri M. A., Manzi G. 2018. Virtual Anthropology and its application in cultural heritage studies. *Studies in Conservation* 64(6), 323-336.
Current Journal IF: 0.8 (2018 Journal IF: 0.7); citations: 19; press/media release: n/a. Golden Open Access
- Micarelli I., Paine R.R., Giostra C., Tafuri M.A., Profico A., Boggioni M., Di Vincenzo F., Massani D., Papini A., Manzi G. 2018. Survival to amputation in pre-antibiotic era: a case study from a Longobard necropolis (6th-8th centuries AD), *JASs Journal of Anthropological Sciences*, 96, pp. 185-200.
Current Journal IF: 1 (2018 Journal IF: 1.7); citations: 19; press/media release: n/a. Golden Open Access