

PERSONAL INFORMATION**Mariana Popovici**

📍 Romanian Academy Iași Branch “Olga Necrasov” Center of Anthropological Research, Teodor Codrescu no. 2, Iași, 700479, România

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sorexmin@yahoo.com

JOB POSITION**Scientific Researcher**

Romanian Academy Iași Branch “Olga Necrasov” Center of Anthropological Research

WORK EXPERIENCE

July 2018 - present

Scientific Researcher

Romanian Academy Iași Branch “Olga Necrasov” Center of Anthropological Research, Carol I Boulevard 8, 700505; website: <https://acadiasi.org/>

▪ field of activity: Paleoanthropology

Type of activity: scientific research

November 2016 - September 2018

Scientific Researcher, degree III

Institute of Biological Research Iași, România, Lascăr Catargi 47 Street, Iași, 700107, Branch of The National Institute of Research and Development for Biological Sciences, București; Website:

<http://www.icbiasi.ro>

▪ field of activity: fundamental research in Biology

Type of activity: scientific research

October 2011 - March 2014

Research Assistant

“Alexandru Ioan Cuza” University of Iași, România, Carol I 20A Boulevard, Iași 70050; Website:

<http://www.uaic.ro/>

▪ field of activity: Archaeozoology, Morphometrics

Type of activity: scientific research

October 2010 – March 2013

Post-doctoral Researcher

“Alexandru Ioan Cuza” University of Iași; Carol I 20A Boulevard, Iași 70050; Website: <http://www.uaic.ro/>

▪ field of activity: Archaeozoology, Biostatistics, Morphometrics

Type of activity: scientific research

May 2010 - October 2010

Scientific Researcher

Institute of Biological Research Iași, România, Lascăr Catargi 47 Street, Iași, 700107, Branch of The National Research and Development Institute for Biological Sciences, București; Website: <http://www.icbiasi.ro>

▪ field of activity: Ecology, Biostatistics

Type of activity: scientific research

May 2007 – May 2009

Research Assistant / Scientific Researcher

Institute of Biological Research, Iași, Lascăr Catargi 47, Iași, 700107, Branch of The National Research and Development Institute for Biological Sciences București; Website: <http://www.icbiasi.ro>

▪ field of activity: Biology

Type of activity: scientific research

EDUCATION AND TRAINING

September - October 2021

“Osteoarchaeology: The Truth in Our Bones”

Leiden University, The Netherlands and Coursera Inc.

▪ Subjects studied and skills acquired: Estimation of sex and age at death, Paleopathologies, Paleodiet, Occupational indicators, Mobility and migrations.

February 2013

Dental phenotypic variability – training

National Center for Interdisciplinary Research of the National History Museum of Romania

Subjects studied and skills acquired: Dental morphometric descriptors in wild and domestic animals

- September 2012 **Biostatistics**
 Institut Català de Paleontologia Miquel Crusafont, C/ de l'Escola Industrial, 23, 08201 Sabadell, Barcelona, Spain
 ▪ Subjects studied and skills acquired: Phylogeny, Construction of phylogenetic trees, Parsimony, 2D Geometric Morphometrics, Allometry
- April 2012 **Biostatistics**
 Institut Català de Paleontologia Miquel Crusafont, C/ de l'Escola Industrial, 23, 08201 Sabadell, Barcelona, Spain
 ▪ Subjects studied and acquired skills: 2D Geometric Morphometrics; Allometry, Integration and Modularity
- July 2011- August 2011 **Geometric Morphometrics**
 National Museum of Natural History of Paris, 57 Rue Cuvier, France
 ▪ Subjects studied and skills acquired: Data acquisition, uni- and multivariate analysis, Shape Analysis
- January 2011- February 2011 **Archaeozoology - training**
 Groningen Institute of Archaeology/ University of Groningen, The Netherlands, 9712 CP, Groningen, The Netherlands
 ▪ Subjects studied and skills acquired: Taxonomic and anatomical identification parameters, Osteometry
- December 2010 **Archaeozoology - training**
 National Center for Interdisciplinary Research of the National History Museum of Romania
 Subjects studied and skills acquired: Taxonomic and anatomical identification parameters, Osteometry, Dental morphology
- November 2002 - October 2006 **PhD in Biology**
 "Alexandru Ioan Cuza" University of Iași, Faculty of Biology, Iași
 Subjects studied and skills acquired: Mammals - cranial phenotypic variability; fluctuating asymmetry, morphometrics and dental morphology
- September 2001 - July 2003 **Master's degree**
 "Alexandru Ioan Cuza" University of Iași, Faculty of Biology, Iași
 Subjects studied and skills acquired: The effects of pollution on living organisms, etc.
- September 1997 - July 2001 **Bachelor's degree / Biology**
 "Alexandru Ioan Cuza" University of Iași, Faculty of Biology, Iași
 Subjects studied and skills acquired: Comparative Anatomy, Anthropology, Human Anatomy, etc.

PERSONAL SKILLS

Native Language Romanian

English

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
B2	B2	B2	B2	B2
B2 Independent user				

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
 Common European Framework of Reference for Languages

ADDITIONAL INFORMATION

Publications

Articles in ISI indexed journals (10) and journals indexed in International Data Bases (35)

Selected publications:

Popovici, M., Groza, V. M., Bejenaru, L., & Petraru, O. M. (2022). Dental morphological variation in Chalcolithic and Bronze Age human populations from North-Eastern Romania. *Annals of Anatomy-Anatomischer Anzeiger*, 152015. <https://www.sciencedirect.com/science/article/pii/S0940960222001303>

Popovici, M., Groza, V. M., Bejenaru, L., & Petraru, O. M. (2022). Geometric Morphometrics of the second molar teeth within the human population from the Late Medieval City of Iași, Romania. *Archaeometry*, <https://doi.org/10.1111/arc.m.12790>.

Petraru, O. M., Groza, V.M., Bejenaru, L., & **Popovici, M.** (2022). Dimension variability of the M2 human molar teeth: comparisons between prehistoric and medieval samples. *European Journal of Anatomy* 26 (4), 371- 386. <https://eurjanat.com/articles/dimension-variability-of-the-m2-human-molar-teeth-comparisons-between-prehistoric-and-medieval-samples/>

Petraru, O. M., Bejenaru, L., & **Popovici, M.** (2022). Diet-related dental wear in archaeological human populations of Chalcolithic and Bronze Age from North-Eastern Romania. DOI: [10.1127/homo/2022/1534](https://doi.org/10.1127/homo/2022/1534).

<https://schweizerbart.de/papers/homo/detail/prepub/102218/diet-related-dental-wear-in-archaeological-human-populations-of-chalcolithic-and-bronze-age-from-north-eastern-romania?l=FR>

Popovici, M., Groza, V.-M., Bejenaru, L., Petraru, O.-M. (2022). Non-metric traits of human upper first and second molars in a skeletal sample from the Mausoleum Crypt of the First World War Heroes in Iași, Romania, *Memoirs of the Scientific Sections of the Romanian Academy*, XLV, p. 207-2015. http://mss.academiaromana-is.ro/revista_mss_en.html

Groza, V.-M., Bacumenco-Pirnău, L., Cordoș, C., **Popovici, M.**, Bejenaru, L. (2022). A preliminary bioanthropological study of a 16th-17th century skeletal sample discovered at the „Vovidenia” Church in Iași (Romania), *Memoirs of the Scientific Sections of the Romanian Academy*, XLV, p. 187-206. http://mss.academiaromana-is.ro/revista_mss_en.html

Popovici, M., Groza, V.-M., Bejenaru, L., Petraru, O.-M. (2021). Non-metric variation of the lower second molar (M2) in the 17th century human population from Iași city (Romania). *Annuaire Roumain d'Anthropologie*, 58, 13-23. <https://drive.google.com/file/d/1h-P5JKne5ALZXQkgE5-mY7Pgbw3uru9-view>

Petraru, O. M., Groza, V. M., Lobiuc, A., Bejenaru, L., & **Popovici, M.** (2020). Dental microwear as a diet indicator in the seventeenth-century human population from Iasi City, Romania. *Archaeological and Anthropological Sciences*, 12(8), 1-13. <https://link.springer.com/article/10.1007/s12520-020-01159-2>

Popovici, M., Petraru, O.-M., Bejenaru, L., Groza, V.-M. (2020). Relevant craniofacial indices in the morphotypological assessment of Bronze Age human group from Căndești (Vrancea County, Romania). *Annuaire Roumain d'Anthropologie*, 57, 3-13, ISSN: 0570-2259. https://drive.google.com/file/d/1u9pysBMFslb5zaX2uXNo2In-p-t3z_kP/view

Groza, V.-M., **Popovici, M.**, Bejenaru, L., Petraru, O.-M. (2020). Preliminary study of human skeleton with syphilis discovered in the postmedieval city of Iași (Romania). *Revista de Arheologie, Antropologie și Study Interdisciplinare (RAASI)/Journal of Archaeology, Anthropology and Interdisciplinary Studies*, 2, 319-328. ISSN: 2587-3768. E-ISSN: 2587-3776 (CEEOL). <http://jaais.eu/>

Petraru, O.-M., Bejenaru, L., Groza, V.-M., **Popovici, M.** (2020). Dimensional variability of human second molar (M2) in Bronze Age populations from North-East Romania. *Revista de Arheologie, Antropologie și Study Interdisciplinare (RAASI)/Journal of Archaeology, Anthropology and Interdisciplinary Studies*, 2, 319-328. ISSN: 2587-3768. E-ISSN: 2587-3776 (CEEOL). <http://jaais.eu/>

Groza, V.-M., Petraru, O.-M., Bejenaru, L., **Popovici, M.** (2020). Anthropological data on the 16th-19th century necropolis discovered at Aroneanu monastery (Iași County, Romania). *Memoirs of the Scientific Sections of the Romanian Academy*, XLIII, ISSN (online) 2343 – 7049, http://mss.academiaromana-is.ro/mem_sc_st_2020/21_Groza%20et%20al.%201%20Memorii%202020.pdf

Groza, V.-M., **Popovici, M.**, Bejenaru, L., Petraru, O.-M. (2020). Odontopathies in a Bronze Age human population from Căndești (Vrancea County, Romania), *Memoirs of the Scientific Sections of the Romanian Academy*, XLIII, ISSN (online) 2343 – 7049, http://mss.academiaromana-is.ro/mem_sc_st_2020/22_Groza%20et%20al.%202%20Memorii%202020.pdf

Popovici, M., Groza, V.-M., Petraru, O.-M., Bejenaru, L. (2019). Morphometric Bioindicators in the Typology of Human Skulls: A Sample of 17th Century from Iași City (Romania), *Annuaire Roumain d'Anthropologie*, 56, 28-39 p, ISSN: 0570-2259. https://drive.google.com/file/d/1Rp_VfnZbhc_Kr-P8p9jRNtunHXMRrHhl/view

Bejenaru, L., Stanc, S., **Popovici, M.**, & Balasescu, A. (2015). Beavers (*Castor fiber*) in the past: Holocene archaeological evidence for beavers in Romania. *International Journal of Osteoarchaeology*, 25(4), 375-391.

https://www.researchgate.net/publication/281743390_Beavers_Castor_fiber_in_the_Past_Holocene_Archaeological_Evidence_for_Beavers_in_Romania

Bejenaru, L., Stanc S., **Popovici, M.**, Balasescu, A., Cotiuga, V. (2012). Holocene Subfossil Records of the Auroch (*Bos primigenius*) in Romania. *The Holocene*, 23(4): 603–614. <https://journals.sagepub.com/doi/abs/10.1177/0959683612465448>

Presentations

Scientific communications at international (39) and national (52) conferences; some of them:

- The Annual Meeting of the European Association of Archaeologists, EAA, 2019- 2022
- The 7th edition of the Landscape Archaeology Conference, LAC, Iași, 2022
- Bioarchaeology Early Career Conference, UK 2021
- Yesterday’s cultural heritage - contribution to the development of a sustainable tomorrow’s society, Chișinău, R. Moldova, 2021, 2022
- International Scientific Conference, Cultural Heritage: Research, Valorization, Promotion, Edition XI: From knowledge to safeguarding and conserving, Chișinău, R. Moldova, 2019
- International Scientific Conference „Everyday life in the East-European space from Antiquity to the present: interdisciplinary approaches”, Institute of Cultural Heritage, Chișinău, R. Moldova, 2018
- Environmental Archaeologies of Neolithisation, University of Reading (UK), 2012
- The 39th International Symposium on Archaeometry: “50 years of ISA”, Leuven, Belgium 2012
- The second ARHEOINVEST congress, Interdisciplinary Research in Archeology, Iasi, Romania, 2012
- The first ARHEOINVEST congress, Interdisciplinary Research in Archeology, Iasi, Romania, 2011
- Archeometrie, Liege, Belgia, 2011
- Socio-Environmental Dynamics over the Last 12,000 Years: The Creation of Landscapes Workshop, Kiel, Germany, 2011
- Biosystematics, Berlin, 2011

Projects

Member of 21 research projects with internal and external funding, of which we mention:

- Bioarchaeology of the transition from the Middle Ages to the Modern Age, east of the Carpathians: emerging cities in the contact zone between the West and the East", BioarchaeoOldcity, CNCS-UEFISCDI, PN-III-P4-PCE-2021-1180
- "History written on teeth: health status, diet and morphometric diversity in some prehistoric populations from eastern Romania", Archeodent, GAR-UM-2019-II-2.1-16 - Romanian Academy - Iași Branch
- CNCS-UEFISCDI project PN-II-RU-TE-2011-3-0146 no. 55/05.10.2011. Relationships between humans

and suines in prehistorical and historical time, on the Romania's territory and connections with the European and Asian spaces [CNCS Project PN-2 RU-TE 2011-3-0146 \(uaic.ro\)](#)

Others

- **Reviewer at the international journal *Sociology and Anthropology***
- **Member of the *Dental Anthropology Association***