

PERSONAL INFORMATION **Anna Picca, short CV**



LUM University
 Department of Medicine and Surgery
 SS 100, Km 18 – 70100 Casamassima BA, Italy

+39 320 4288557

picca@lum.it



Sex Female | *Date of birth* 12/06/1980 | *Nationality* Italian

| Enterprise | University | EPR |
|---|--|--|
| <input type="checkbox"/> Management Level | <input type="checkbox"/> Full Professor | <input type="checkbox"/> Research Director and 1st level Technologist / First Researcher and 2nd level Technologist / Principal Investigator |
| <input type="checkbox"/> Mid-Management Level | <input checked="" type="checkbox"/> Associate Professor | <input type="checkbox"/> Level III Researcher and Technologist |
| <input type="checkbox"/> Employee / workerlevel | <input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator | <input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator |

WORK EXPERIENCE

- 2022- **Associate Professor of Applied Biology**
 LUM University, Department of Medicine and Surgery, Casamassima (BA) - Italy
- 2022 **Adjunct Professor of Molecular Biology**
 LUM University, Department of Medicine and Surgery, Casamassima (BA) - Italy
- 2021 **Researcher**
 Fondazione Policlinico Universitario A. Gemelli, IRCCS, Rome - Italy
- 2019-2020 **Postdoctoral Research Associate**
 Biology of aging
 Karolinska Institutet, Department of Medicine Solna, Stockholm - Sweden
- 2019 **Postdoctoral Research Associate**
 Diabfrail LATAM H2020-SC1-BHC-2018-2020: randomized multicentric clinical trial testing the efficacy of multicomponent intervention on preserving physical performance in frail and pre-frail older adult with type 2 diabetes living in 5 countries of Latin America
 Centro di Medicina dell'Invecchiamento, Policlinico Universitario "A. Gemelli", Rome, Italy
- 2017 - 2019 **Postdoctoral Research Associate**
 "SPRINTT Sarcopenia and physical frailty in older people: multi-component treatment strategies", Innovative Medicine Initiative-Joint Undertaking (IMI-JU #115621)
 Centro di Medicina dell'Invecchiamento, Policlinico Universitario "A. Gemelli", Rome, Italy
- 2016 - 2017 **Postdoctoral Research Associate**
 BIOMarkers associated with Sarcopenia and PHysical frailty in ElDeRly pERsons: the BIOSPHERE study, NCD Call for Proposals 2013 (PI Prof. Bernabei).
 Centro di Medicina dell'Invecchiamento, Policlinico Universitario "A. Gemelli", Rome, Italy
- 2016 - date **Research Lab consultant for Metabolism and Translational Science Core**
 Department of Aging and Geriatric Research, University of Florida, Florida - USA
- 2015 - 2016 **Postdoctoral Fellow**
 Sarcopenia and neurodegeneration in older adults: study of two common conditions in the aged rat model with and without preventive treatments
 Department of Bioscience, Biotechnology and Biopharmaceuticals, University of

- Bari, Bari - Italy
- 2013 - 2014 **Postdoctoral Fellow**
Implementation of molecular techniques for the characterization of functional starters in seafood products
Department SAFE, University of Foggia, Foggia, Italy
- 2012 - 2013 **Postdoctoral Fellow**
RNA-seq and ribosome profiling of *Pseudomonas aeruginosa*
Genetics Institute, University of Florida, Gainesville, Florida - USA
- 2011 - 2012 **Postdoctoral Fellow**
Mitochondrial bioenergetics analysis in Huntington's disease CHDI Foundation.
Buck Institute for Education, Novato, California - USA

EDUCATION AND TRAINING

- 2011 Visiting Scientist - Fellowship from the Regional Association of the right to study (ADISU) for international mobility of young scientists (Mitochondrial biogenesis and dynamics)
Department of Aging and Geriatric Research, University of Florida, Florida - USA
- 2009 Exchange PhD Visitor Student (Mitochondrial biogenesis)
Department of Aging and Geriatric Research, University of Florida, Florida - USA
- 2011 PhD in Biochemistry, Molecular Biology, and Bioinformatics (thesis on *Effects of aging and calorie restriction diet on TFAM binding to the mtDNA*)
University of Bari, Bari - Italy
- 2006 State exam for the Italian professional license of biologist
University of Bari, Bari - Italy
- 2006 MSc in Biology (summa cum laude, thesis on *Biophysical characterization of water transport across mitochondrial compartments*)
University of Bari, Bari - Italy

WORK ACTIVITIES

- Editorial activity** **Journals Editor** (<https://publons.com/dashboard/records/editor/>):
- Board member Experimental Gerontology, Elsevier (ISSN: 0531-5565) (IF 4.032);
 - Topic Editor Journal of Molecular Sciences, MDPI (ISSN 1422-0067; CODEN: IJMCFK; ISSN 1661-6596 for printed edition) (IF 5.923);
 - Invited editor Special Issue: "Frontiers in Anti-aging Treatment Development", International Journal of Molecular Sciences, MDPI (ISSN 1422-0067; CODEN: IJMCFK; ISSN 1661-6596 for printed edition) (IF 5.923);
 - Invited editor Special Issue: Effects of Dietary and Metabolic Patterns on Cognitive Performance in Older Adults" Nutrients, MDPI (ISSN: 2072-6643) (IF 5.717);
 - Invited editor Special Issue: "From molecular mechanisms to biomarkers of physical frailty and sarcopenia", International Journal of Molecular Sciences, MDPI (ISSN 1422-0067; CODEN: IJMCFK; ISSN 1661-6596 for printed edition) (IF 5.923) (2020-2021);
 - Invited editor Special Issue: "Autophagy meets aging", Cells, MDPI (ISSN 2073-4409; CODEN: CELLC6) (IF 6.600);
 - Invited editor Special Issue Special Issue: "Molecular Mechanism and Pathogenesis of Sarcopenia", International Journal of Molecular Sciences, MDPI (ISSN 1422-0067; CODEN: IJMCFK; ISSN 1661-6596 for printed edition) (IF 5.923).

Review boards

Reviewer for peer-reviewed journals

(<https://publons.com/dashboard/records/review/>):

- Reviewer board member Membranes, MDPI (ISSN: 2077-0375) (IF 4.106); Aging Cell John Wiley & Sons, (ISSN: 1474-9718) (IF 9.304)
- Experimental Gerontology, Elsevier (ISSN: 0531-5565) (IF 4.032);
- International Journal of Molecular Sciences, MDPI (ISSN 1422-0067; CODEN: IJMCFK; ISSN 1661-6596 for printed edition) (IF 5.923)
- Biomedicine & Pharmacotherapy, Elsevier (ISSN: 0753-3322) (IF 6.529)
- Rejuvenation research, Mary Ann Liebert (ISSN: 1549-1684) (IF 4.663)
- Geroscience, Springer (ISSN: 0161-9152) (IF 7.713)
- Cells, MDPI (ISSN 2073-4409; CODEN: CELLC6) (IF 6.600)
- Scientific Reports, Nature (ISSN: 2045-2322) (IF 4.379)
- Cellular and Molecular Life Sciences, Springer (ISSN: 1420-682X) (IF 9.261)
- Aging Research Reviews, Elsevier (ISSN: 1568-1637) (IF 10.895)
- Mitochondrion, Elsevier (ISSN: 1567-7249) (IF 4.160)
- Frontiers in Immunology (ISSN 1664-3224) (IF 7.561)

National and international collaborations

- 2013 – Department of Aging and Geriatric Research, University of Florida, Florida - USA (Prof. C. Leeuwenburgh)
- 2016 – Università La Sapienza, Rome, Italy (Prof. F. Marini)
- 2016 – Università del Salento, Lecce, Italy (Prof. C. Bucci, Dott.ssa F. Guerra)
- 2019 – Istituto Superiore di Sanità, Rome, Italy (Dott. S. Loizzo)
- 2019 – Karolinska Institutet, Department of Medicine Solna, Stockholm - Sweden

ADDITIONAL INFORMATION

| | | |
|---|---|------------|
| Publications | total number of publications in peer-review journals | 148 |
| | H index | 33 |
| 10 Selected publications (past five years) | Perluigi M, et al. <i>Alzheimers Dement</i> 2021; doi:10.1002/alz.12499. Picca A, et al. <i>Ageing Res Rev</i> 2022; doi:10.1016/j.arr.2021.101530. Calvani R, et al. <i>Geroscience</i> 2021; doi:10.1007/s11357-020-00197-x. Saini SK, et al. <i>Free Radic Biol Med</i> 2020; doi:10.1016/j.freeradbiomed.2020.09.004. Calvani R, et al. <i>Geroscience</i> 2020; doi:10.1007/s11357-020-00192-2. Ponziani FR, et al. <i>Hepatology</i> 2019; doi:10.1002/hep.30036. Ponziani Fret al. <i>Aliment Pharmacol Ther</i> 2018; doi: 10.1111/apt.15004. Picca A, et al. <i>Nat Rev Cardiol</i> 2018; doi:10.1038/s41569-018-0059-z. Chimienti G, et al. <i>Free Radic Biol Med</i> 2018; doi:10.1016/j.freeradbiomed.2018.06.041. Heckerman D, et al. <i>Sci Rep</i> 2017; doi:10.1038/s41598-017-13475-0. | |

According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV

Anna Picca