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DISCAB
Dipartimento di Scienze
Cliniche Applicate
e Biotecnologiche

CURRICULUM VITAE FRANCESCO MASEDU

<p>PERSONAL INFORMATION</p>	<p>Name and Surname: FRANCESCO MASEDU Department: Applied Clinical Sciences and Biotechnology Address (work): via Vetoio, Building "Camillo De Meis 2" City: L'Aquila postal code 67100 Nation: Italy E-mail address (work): francesco.masedu@univaq.it</p>
<p>CURRENT POSITION</p>	<p>Associate Professor. Department of Applied Clinical Sciences and Biotechnology, University of L'Aquila.</p>
<p>EDUCATION OTHER QUALIFICATIONS</p>	<p>High School diploma 60/60.</p> <p>Master's degree in Mathematics from the University of Siena, 110 cum Laude.</p> <p>Course on 'Fundamentals of Probability Calculus at the University of Aarhus (DK), under the patronage of the Erasmus Programme.</p> <p>PhD in Medical Statistics and Epidemiological Methodology at the University of L'Aquila with the thesis: Queuing theory and healthcare planning (2000).</p>
<p>ACADEMIC APPOINTMENTS</p>	<p>Visiting Scholar, Oxford University.</p> <p>Member of the REGISTER OF REVIEWERS for the evaluation of ministerial research programs (MIUR) since 2014.</p> <p>Member of the Internal Review Board of the University of L'Aquila.</p> <p>Scientific Chair of the Healthy World Association (HWA) for Biostatistics</p> <p>Member of the Doctoral Research Committee in Experimental Medicine, Department of Applied Clinical and Biotechnological Sciences (DISCAB), University of L'Aquila</p> <p>Responsible for the framework agreement between the UNIVERSITY OF L'AQUILA, THE JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA, based in Kakinada, Andhra Pradesh, India, and THE HAUTE ÉCOLE D'INGÉNIERIE ET DE GESTION DU CANTON DE VAUD "HEIG-VD", based in Yverdon-les-Bains, Canton Vaud, Switzerland 2016.</p>



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	<p>Miembro de Tribunal en la Tesis Doctoral del Doctorando D. Juan Carlos Gordillo Sáez. Thesis title: Sarcopenia, a condition without diagnostic consensus in the present day. Current definitions and comparison between the different diagnostic models proposed by the main international research groups on sarcopenia in older people. Director: Dr. D. Francisco de la Gala Sánchez. Pontifical University of Salamanca. Salamanca, December 18th 2020.</p>
<p>PROFESSIONAL CLINIC APPOINTMENTS</p>	<p>Epidemiological and statistical consultancy activity regarding impact assessment in sites on which electricity production plants are located</p> <p>Consultancy activity as a biostatistician in the pharmacological field in relation to the conduct of clinical trials and the statistical analysis of the results.</p>



<p>TEACHING EXPERIENCE</p>	<p>Professor of Medical Statistics at the three-year degree courses in Biotechnology and Sports Sciences at the University of L'Aquila.</p> <p>Professor of Epidemiology and Statistics Applied to Medical-Experimental Biotechnological Sciences. Master's degree course in Medical and Pharmaceutical Biotechnology, University of L'Aquila.</p> <p>Professor of Research Methodology. Master's degree course in Sports Science and Technology, University of L'Aquila.</p> <p>Professor of Medical Statistics at the Schools of Specialization in Clinical Pathology and Clinical Biochemistry, Oncology, Rheumatology, Dermatology, at the University of L'Aquila.</p> <p>Professor of Biostatistics in the PhD in Experimental Medicine, Department of Applied Clinical and Biotechnological Sciences (DISCAB), University of L'Aquila</p> <p>Invited Course. ROC analysis and methodological generalizations: tools for diagnostic decision making. Universidad de Matanzas (CUBA). January 2016.</p>
<p>RESEARCH ACTIVITIES</p>	<p>Scientific Coordinator and Responsible for epidemiological design and biostatistical analysis. UNICEF project: Malnutrition undernutrition (2015). Cross-sectional survey on eating disorders in adolescents in the Abruzzo region.</p> <p>Research project PIANO-SIIA-2015 (Italian Society of Arterial Hypertension) "Pro-hypertensive panorama in the patient suffering from malignant neoplasms: an epidemiological investigation".</p> <p>Member of the research group of the University of L'Aquila for the Erasmus+ funded European project (2015-1-MT01-KA203-003728) "Harmonization and dissemination of best practices. Educating and alleviating the concerns of Health Care Professionals on the proper practice of End of Life Care".</p> <p>MAYANET Project ("Erasmus Mundus Programme, Action 2, Lot 8, Latin America"). Academic - Staff Mobility of 1 month(s) at Universidad de Matanzas "Camilo Cienfuegos", Cuba. Responsible for the research entitled: "Epidemiological design and statistical analysis of a risk model of injuries in adapted combat sports based on the Cuban population with disabilities". Erasmus code: EuropeAid ID CU-2011-DSC-1903067993. A.A. 2017-2018.</p>
<p>RESPONSIBILITY IN ACADEMIC ACTIVITIES</p>	<p>President of the Master's Degree Course in Sports Science and Technology (Class LM 68) a.y. from 2014/2016 to 2023/2024, at the Department of Applied Clinical and Biotechnological Sciences (DISCAB).</p> <p>President of the Master's Degree Course in Preventive and Adaptive</p>



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	<p>Exercise Sciences (Class LM 67), academic year from 2014/2016 to 2020/2021, at the Department of Applied Clinical and Biotechnological Sciences (DISCAB).</p>
<p>EDITORIAL BOARD, EDITORIAL ACTIVITIES, SOCIETY MEMBERSHIP</p>	<p>Referee Disasters Journal. Wiley Online Library European Journal of Cancer Care. Wiley Online Library BMC Research Notes. SpringerNature. BMC Cancer. SpringerNature. Biometrics and Biostatistics. Austin Publishing Group. Scandinavian Journal of Public Health. Sage Journals</p> <p>Member of S.I.S.M.E.C. (Italian Society of Medical Statistics and Clinical Epidemiology).</p> <p>Member of the IEA (International Epidemiological Association).</p>
<p>SCIENTIFIC ACHIEVEMENTS BIBLIOMETRIC INDICATORS</p>	<p>Scopus Author ID: 6506565190 http://orcid.org/0000-0003-0290-5324 Indicatori Bibliometrici (fonti Scopus) (Hirsch (H) Index 27, i10-Hirsch (H) 80, Citazioni Totali 2312, Citazione media per prodotto 20)</p>
<p>SELECTED PUBLICATIONS</p>	<p>Masedu F, Valenti M. Karl Pearson: perceptions, statistics and scientific objectivity. BioMedical Statistics and Clinical Epidemiology 2008; 2(2):187-191.</p> <p>Valenti M, Porzio G, Aielli F, Verna L, Cannita K, Manno R, Masedu F, Marchetti P, Ficorella C. Physical Exercise and Quality of Life in Breast Cancer Survivors. International Journal of Medical Sciences 2008; 1(5):4-28.</p> <p>Valenti M, Masedu F, Tiberti S. Focus on power station installations and population health. Annali dell'Istituto Superiore di Sanità. Annali Istituto Superiore di Sanità 2011; 47(3): 305-309. (doi: 10.4415/ann_11_03_11).</p> <p>Valenti M, Ciprietti T, Di Egidio C, Gabrielli M, Masedu F, Tomassini AR, Sorge G. Adaptive response of children and adolescents with autism to the 2009 earthquake in L'Aquila, Italy. J Autism Dev Disord. 2012 Jun;42(6):954-60. doi: 10.1007/s10803-011-1323-9.</p> <p>Di Stasi SM, Valenti M, Verri C, Liberati E, Giurioli A, Leprini G, Masedu F, Ricci AR, Micali F, Vespasiani G. Electromotive instillation of mitomycin immediately before transurethral resection for patients with primary urothelial non-muscle invasive bladder cancer: a randomised controlled trial. Lancet Oncol. 2011 Sep;12(9):871-9. doi: 10.1016/S1470-2045(11)70190-5. Epub 2011 Aug 8.</p> <p>Stratta P, de Cataldo S, Bonanni R, Masedu F, Valenti M, Rossi A. Mental Health in L'Aquila after the earthquake. Annali Istituto Superiore di Sanità, 2012; 48(2): 132-137. (doi: 10.4415/ann_12_02_05).</p> <p>Aggio A, Onori E, D'Alessandro A, Grassi D, Masedu F, Valenti M, Ferri C.</p>



Endothelium/nitric oxide mechanism mediates vasorelaxation and counteracts vasoconstriction induced by low concentration of flavanols. *European Journal of Nutrition (Eur J Nutr)*, 2013 Feb;52(1):263-72. (doi: 10.1007/s00394-012-0320-x). Epub 2012 Feb 10.

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Masedu F, Angelozzi M, Di Giminiani R, Valenti M. The use of fractal dimension methods in clinical epidemiology: an application for postural assessment. *Epidemiology, Biostatistics and Public Health (EBPH ex Italian Journal of Public Health)* 2013; 10(1). (doi: 10.2427/8735).

Valenti M, Masedu F, Mazza M, Tiberti S, Di Giovanni C, Calvarese A, Pirro R, Sconci V. A longitudinal study of quality of life of earthquake survivors in L'Aquila, Italy. *BMC Public Health*. 2013 Dec 7;13:1143. doi: 10.1186/1471-2458-13-1143.

Di Giminiani R, Masedu F, Tihanyi J, Scrimaglio R, Valenti M. The interaction between body position and vibration frequency on acute response to whole body vibration. *J Electromyogr Kinesiol*. 2013 Feb;23(1):245-51. doi: 10.1016/j.jelekin.2012.08.018. Epub 2012 Sep 20.

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Masedu F, Mazza M, Di Giovanni C, Calvarese A, Tiberti S, Sconci V, Valenti M. Facebook, quality of life, and mental health outcomes in post-disaster urban environments: the L'Aquila earthquake experience. *Front Public Health*. 2014 Dec 22;2:286. doi: 10.3389/fpubh.2014.00286.

Mercadante S, Aielli F, Masedu F, Valenti M, Ficorella C, Porzio G. Pain Characteristics and Analgesic Treatment in an Aged Adult Population: A 4-Week Retrospective Analysis of Advanced Cancer Patients Followed at Home. *Drugs Aging*. 2015 Apr;32(4):315-20. doi: 10.1007/s40266-015-0253-1.

Mercadante S, Aielli F, Adile C, Ferrera P, Valle A, Fusco F, Caruselli A, Cartoni C, Massimo P, Masedu F, Valenti M, Porzio G. Prevalence of oral mucositis, dry mouth, and dysphagia in advanced cancer patients. *Support*



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Mercadante S, Aielli F, Masedu F, Valenti M, Verna L, Porzio G. Age differences in the last week of life in advanced cancer patients followed at home. *Support Care Cancer*. 2015 Oct 16. *Support Care Cancer*. 2016 Apr;24(4):1889-95. doi: 10.1007/s00520-015-2988-y. Epub 2015 Oct 16.

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Guadagni S, Clementi M, Bencivenga M, Kusamura S, Fiorentini C, Masedu F. Palliation with a multimodality treatment including hypoxic pelvic perfusion for unresectable recurrent rectal cancer: outcomes based on a retrospective study. *Updates Surg*. 2018 Sep 6. doi: 10.1007/s13304-018-0592-7. [Epub ahead of print]

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Guadagni S, Catarci M, Masedu F, et al. Abdominal drainage after elective colorectal surgery: propensity score-matched retrospective analysis of an Italian cohort. *BJS Open*. 2024 Jan 3;8(1): zrad107. doi: 10.1093/bjsopen/zrad107.

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L'AQUILA, 03/28/2024