

Curriculum vitae of Isabel Inês Monteiro de Pina Araújo, born at Praia, Ilha de Santiago – Cabo Verde on April 25th 1972. Cabo Verde citizen.

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1. Education:

1.1. Postgraduate

2014	PhD	Oswaldo Cruz Institute - Oswaldo Cruz Foundation, Rio de Janeiro, Brasil: Doctor in Parasite Biology
2005	Master	National School of Public Health - Oswaldo Cruz Foundation, Rio de Janeiro, Brasil: Master in Science – Public Health.
2000	Specialization	National School of Public Health - Oswaldo Cruz Foundation, Rio de Janeiro, Brasil: Serological Immunodiagnosis
2000	Undergraduate	Federal University of the State of Rio de Janeiro. Rio de Janeiro, RJ, Brasil. Biomedicine

1.2. Others Formations - Short term

2023	Calouste Gulbenkian Foundation, Lisboa, Portugal and Chaperone. Applying for Funding
2020	The Global Health Network. ICH Good Clinical Practice E6 (R2)
2018	National Directorate of Health, Ministry of Health and Social Security, Cabo Verde. Training of National Trainers on the second version of the Guide for Integrated Monitoring of Actions and Responses. OMS
2018	Calouste Gulbenkian Foundation, Lisboa, Portugal and Barcelona Institute for Global Health/Universitat de Barcelona, Barcelona, Espanha and Health Research Centre of Manhica, Moçambique: Science Management
2017	Cabo Verde University, Praia, Cabo Verde and Institute of Hygiene and Tropical Medicine of the NOVA University of Lisbon, Portugal: Bioestatisc
2016	Institute of Hygiene and Tropical Medicine of the NOVA University of Lisbon, Portugal: Proposal Writing. TDR/OMS
2015	Institute of Hygiene and Tropical Medicine of the NOVA University of Lisbon, Portugal: Scientific Writing Workshop. TDR/OMS
2014	Medical School of Botucatu of São Paulo State University Júlio de Mesquita, Brasil: Communication and Education in Health
2013	Médecins Sans Frontières, Rio de Janeiro, Brasil: Dengue
2012	University of São Paulo, Brasil: VII Course of Advanced HIV Pathogenesis
2005	National Program on Sexually Transmitted Diseases and AIDS, Brasil: Training Facilitators - Workshop on HIV/AIDS Assessment and Monitoring. Programa Global de Aids – CDC

2. Academic Posts, Professional Positions, Course, Supervision, Commissions and others experience

2.1. Academic posts

11/2022 - present	Master in Field Epidemiology Training for Portuguese-speaking West African Countries. Faculty of Sciences and Technology, Cabo Verde University, Cabo Verde. Partnership with the Institute of Hygiene and Tropical Medicine of the NOVA University of Lisbon, Portugal
05/2021 - present	Director of the Natural Sciences Research Center. Cabo Verde University, Cabo Verde
11/2019 - present	Director of Public Health Master's degree. Faculty of Sciences and Technology, Cabo Verde University, Cabo Verde. Partnership with the Institute of Hygiene and Tropical Medicine of the NOVA University

of Lisbon, Portugal and Medical School of Botucatu of São Paulo State University Júlio de Mesquita, Brasil

01/2015 - present Professor/ Research. Faculty of Sciences and Technology, Cabo Verde University, Cabo Verde
08/2008 - 12/2014 Health Coordinator. Cabo Verde University, Cabo Verde
03/2007 - 07/2007 Teacher of Immunology. Higher Education Institute, Cabo Verde
11/2006 - 07/2008 Health advisor. Cabo Verde University, Cabo Verde
10/2005 - 07/ 2008 Teacher of Immunology. University of Jean Piaget, Cabo Verde
10/2005 - 10/ 2006 Health advisor. National Commission for Cabo Verde University installation, Cabo Verde

2.2. Professional Positions

09/2005 - 07/ 2008 Senior technician. Ministry of Health/ Dr. Agostinho Neto Hospital, Praia., Cabo Verde
11/2000 - 03/ 2003 Senior technician. Ministry of Health/ Dr. Agostinho Neto Hospital, Praia., Cabo Verde
12/2000 - 03/2003 Focal Point in HIV/Aids. Nazarene League of Solidarity, NGO, Praia, Cabo Verde
10/1989 - 11/1990 Teacher of Science. Elementary School/ Ministry of Education, Praia, Cabo Verde

2.3. Course

2022 - present Ethics in Public Health. Master in Field Epidemiology Training for Portuguese-speaking West African Countries. Partnership with the Institute of Hygiene and Tropical Medicine of the NOVA University of Lisbon, Portugal
2022 - present Epidemiology and Basic Biostatistics. Master in Field Epidemiology Training for Portuguese-speaking West African Countries. Partnership with the Institute of Hygiene and Tropical Medicine of the NOVA University of Lisbon, Portugal
2022 Ethics in Health Research: Submission and Evaluation of Research Protocols: The experience of the National Health Research Ethics Committee, Cabo Verde. Seminar on Ethics in Health Research. Partnership with the Institute of Hygiene and Tropical Medicine of the NOVA University of Lisbon, Portugal. **Erasmus+**
2022 Fundamentals of clinical research and clinical trial management: Planning and preparing for clinical research. Partnership with the Institute of Hygiene and Tropical Medicine of the NOVA University of Lisbon, Portugal. **BCG-COVID-RCT**
2022 Ethics in Health Research: Required documents for Research Protocol submission of the National Health Research Ethics Committee, Cabo Verde. Partnership with the Institute of Hygiene and Tropical Medicine of the NOVA University of Lisbon, Portugal. **LUSOAFRO BIOETHICS**
2022 Fundamentals of Epidemics and Pandemics for Health Care Workers: Epidemiological measures in outbreak and epidemic investigation. Partnership with the Institute of Hygiene and Tropical Medicine of the NOVA University of Lisbon, Portugal. **BCG-COVID-RCT**
2020 - present Health Surveillance - Infectious disease outbreak investigation and control. Master in Public Health. Faculty of Sciences and Technology, Cabo Verde University, Cabo Verde. Partnership with the Institute of Hygiene and Tropical Medicine of the NOVA University of Lisbon, Portugal and Medical School of Botucatu of São Paulo State University Júlio de Mesquita, Brasil
2020 - present Public Health Research – Epidemiology. Master in Public Health. Faculty of Sciences and Technology, Cabo Verde University, Cabo Verde. Partnership with the Institute of Hygiene and Tropical Medicine of the NOVA University of Lisbon, Portugal and Medical School of Botucatu of São Paulo State University Júlio de Mesquita, Brasil
2020 - present Proposal Planing. Master in Public Health. Faculty of Sciences and Technology, Cabo Verde University, Cabo Verde. Partnership with the Institute of Hygiene and Tropical Medicine of the NOVA University of Lisbon, Portugal and Medical School of Botucatu of São Paulo State University Júlio de Mesquita, Brasil
2015 - present Epidemiology. Undergraduate in Nurse. Faculty of Sciences and Technology, Cabo Verde University, Cabo Verde
2015 – 2018 Translational research - Epidemiological Studies. PhD in Tropical Knowledge (TropiKMan). Nova School of Business and Economics, NOVA University of Lisbon, Portugal.
2014 - present Immunology. Undergraduate in Biology. Faculty of Sciences and Technology, Cabo Verde University, Cabo Verde
2014 - present Public Health and Epidemiology. Undergraduate in Biology. Faculty of Sciences and Technology, Cabo Verde University, Cabo Verde

2007 - 2007 Immunology. Higher Education Institute, Ministry of Education, Praia, Cabo Verde
2005 - 2008 Immunology. University of Jean Piaget, Praia, Cabo Verde

2.4. Supervision

2.4.1. Undergraduate

2015 - 2020 Epidemiology of Helicobacter pylori infection in Cabo de Verde. Kleidi Simone da Silva dos Santos. Faculty of Sciences and Technology/Cabo Verde University, Praia, Cabo Verde.

- 2015 - 2018 Evaluation of the levels of Pepsinogens in Helicobacter pylori infection in a population of Cabo Verde. Milani Sibell Rodrigues. Faculty of Sciences and Technology/Cabo Verde University, Praia, Cabo Verde.
- 2015 - 2018 Implementation and optimization of the gastric method in the isolation of Helicobacter pylori bacteria in a sample of the population of Cabo Verde. Neia Cardoso Tavares. Faculty of Sciences and Technology/Cabo Verde University, Praia, Cabo Verde.
- 2010 - 2015 Immuno-epidemiological characteristics of HIV / AIDS patients treated with antiretrovirals in Cabo Verde regions from 2005 to 2010. Emanuel Jesus Nunes. Cabo Verde University, Praia, Cabo Verde.
- 2006 - 2008 Hepatitis Viruses: Frequency of Viral Hepatitis B Surface Antigen (HBsAg) in patients with Human Immunodeficiency Virus (HIV) and pregnant attended at the Elisa-Blot Laboratory of Agostinho Neto Hospital in 2006 and 2007. Eloisa Maria Silva Coutinho. Instituto Superior de Educação. Cabo Verde.
- 2005 - 2007 Analysis of two polymorphisms for ancestry (duffy blood group and lactose tolerance) in the population of the island of Santiago, Cabo Verde. Venceslau Vieira Sanches Instituto Superior de Educação. Cabo Verde.

2.4.2. Master

- 2022 – present Study of the etiology of acute respiratory infections in children under five years of age in the island of Sal - Cabo Verde
- 2022 – present Prevalence of IgG and IgM antibodies in a rapid anti-SARS-CoV-2 tests induced by infection or vaccination in a population of health professionals from hospitals on the islands of Santiago and São Vicente, Cabo Verde
- 2020 - present Evaluation of the microbiological safety of water from Wastewater Treatment Stations in Cabo Verde. Faculty of Sciences and Technology/Cabo Verde University, Praia, Cabo Verde.
- 2020 - present Associated factors in the transmission and dynamics of SARS-CoV-2 infection among health professionals in hospitals on the islands of Santiago and São Vicente, Cabo Verde - A case-control study. Faculty of Sciences and Technology/Cabo Verde University, Praia, Cabo Verde.
- 2021 - present Prevalence of Dental Fluorosis in 12-Year-Old Children from Brava Island, Cabo verde. Faculty of Sciences and Technology/Cabo Verde University, Praia, Cabo Verde.
- 2021 - present Knowledge, Attitudes and Practices of Women about Cervical Cancer Prevention in Santa Catarina do Fogo, Cabo Verde. Faculty of Sciences and Technology/Cabo Verde University, Praia, Cabo Verde.
- 2021 - present Epidemiological aspects of bronchial asthma in children 6 and 7 years old, Santiago island, Cabo Verde. Faculty of Sciences and Technology/Cabo Verde University, Praia, Cabo Verde.

2.4.3. PhD

- 2023 - present Serological and molecular diversity of *Streptococcus pneumoniae* isolated in Cabo Verde and susceptibility to antimicrobial peptides produced by bacillus
- 2023 - present Identification and characterization of HPV infection and associated risk factors: A cross-sectional study in the city of Praia, Cape Verde in the period from 2023 to 2024.
- 2018 - present Study of the etiology of upper respiratory infections in children under 5 years in a population of Praia, Santiago Island, Cabo Verde. Institute of Tropical Diseases and Public Health of the Canary Islands, La Laguna University, Tenerife, Canary Islands. Spain
- 2017 - present Evaluation of Antiretroviral Resistance in Patients Infected with HIV-1 in Cabo Verde. Institute of Hygiene and Tropical Medicine, NOVA University, Lisboa, Portugal.

2.5. Commissions and others experience

- 2023 4th National Congress of Health Research. National Institute of Public Health - Ministry of Health, Cabo Verde. Scientific Committee
- 2022 - 2023 Installing Committee of oNe hEalth reSearch cEnter – Cabo Verde (NEST-CV)
- 2022 3th National Congress of Health Research. National Institute of Public Health - Ministry of Health, Cabo Verde. Scientific Committee
- 2021 – present Master in Field Epidemiology Training for Portuguese-speaking West African Countries. EDCTP, Europa. Member.
- 2021 – present National Committee on Ethics in Health Research. Ministry of Health. Praia, Santiago Island, Cabo Verde.
- 2018 – present Organizing Committee. Scientific Journey in Biology and Health – JOBS. Faculty of Sciences and Technology/Cabo Verde University, Cabo Verde. President
- Master in Nutrition, Physical Activity and Phenotypic Plasticity. Cabo Verde University. In partnership with the Postgraduate Program in Nutrition, Physical Activity and Phenotypic Plasticity of the Federal University of Pernambuco - Brasil.
- 2017 – present Advisory Board. National Institute of Public Health - Ministry of Health, Cabo Verde. Member
- 2017 – present Scientific Editorial Committee of the Journal of Science & Technology. Faculty of Sciences and Technology/Cabo Verde University, Praia, Santiago Island, Cabo Verde. Member
- 2017 – present Working Group on Postgraduate Studies in Parasite Biology in partnership with the Postgraduate Program in Parasite Biology of the Oswaldo Cruz Institute, Oswaldo Cruz Foundation - Brasil

2017 – present	Erasmus+ in partnership with Instituto de Higiene e Medicina Tropical, Nova University, Lisboa, Portugal.
2021 – 2021	2 nd National Congress of Health Research. National Institute of Public Health - Ministry of Health, Cabo Verde. Scientific Committee
2018 – 2019	Performance Evaluation of the Malaria Program. Ministry of Health. Praia, Santiago Island, Cabo Verde. Work Team
2018 - 2020	Research and Education Strategic for Lusophone Speaking Africa. Cabo Verde University. In partnership with Vanderbilt University Medical Center – United State of America, Faculty of Medicin at Agostinho Neto University – Angola, Faculty of Medicin at Eduardo Mondlane University & Faculty of Health Science at Lúrio University – Moçambique
2017 – 2020	Scientific Council "Sciences of Nature, Life and Environment. Faculty of Sciences and Technology/Cabo Verde University, Praia, Santiago Island, Cabo Verde. Member
2017 – 2017	Study of socio-behavioral and sero-prevalence of HIV-AIDS in Drug Users. AIDS Coordination Committee. Praia, Santiago Island, Cabo Verde. Steering team
2017 – 2017	Short Courses in partnership with the Institute of Hygiene and Tropical Medicine of the NOVA University, Lisbon - Portugal. TDR/WHO
2016 – 2018	Disciplinary Group in Biological Sciences. Faculty of Sciences and Technology/Cabo Verde University, Praia, Santiago Island, Cabo Verde. Member
2016 – 2018	Sensitization and training course for health professionals to implement brief interventions in partnership with the Graduate Program in Collective Health of the Faculty of Medicine of Botucatu, Paulista State University - Brasil. CAPES/AULP
2015 – 2019	PhD TropiKMan” – NOVA University, Lisboa, Portugal. Steering Committee
2015 – 2016	Studies Stigma Index. AIDS Coordination Committee. Praia, Santiago Island, Cabo Verde. Steering Committee
2012 – 2012	IV PEER - Peer Education Summer School. Coimbra, Portugal. Scientific Committee
2010 – 2010	III CPLP Congress on HIV/AIDS and Sexually Transmitted Infections. Lisboa, Portugal. Scientific Committee
2007 – 2010	National Coordinating Authority for the Global Fund. Praia, Santiago Island, Cabo Verde. Member

3. Awards, Grant, Felowship:

3.1. Awards

2015	Official Botucatu City Guest, Botucatu City Hall. Botucatu, SP, Brasil
2019	Tribute of Coordination of the Nursing degree program. Faculty of Sciences and Technology/Cabo Verde University, Praia, Cabo Verde.

3.2. Grants

01/2024- present	RESPIRA CV- Airway colonization and microbiome in relation to asthma and atopy in children from Cabo Verde. WE Seach- Fundação LaCaixa, Fundação Calouste Gulbenkian (PI)
06/2022 - present	Study of the etiology of acute respiratory infections in children under 5 years in Cabo Verde –África. WHO Cabo Verde. Applicant (PI)
10/2021 - present	Master in Field Epidemiology Training for Portuguese-speaking West African Countries. EDCTP, Europa. Member
08/2020 - present	BCG vaccine to enhance non-specific protection of health care workers during the COVID-19 pandemic. A multicenter randomised controlled trial. EDCTP, Europa. Co-Applicant (Co-PI)
05/2020 – 11/2020	Sero-epidemiological survey of SARS-CoV-2 infection in Cabo Verde. National Institute of Public Health. Member
06/2020 - 05/2023	DUSTRISK: A risk index for health effects of mineral dust and associated microbes. Member
03/2018 - 02/2019	Establishing a multidisciplinary network for antimicrobial drug resistance surveillance in Cabo Verde. The Academy of Medical Sciences, United Kingdom. Applicant (PI)
09/2017 - 04/2021	Strngthening BioEtthics Commutees in Lusophone African Region. EDCTP, Europa. Co-Applicant (Co-PI)
05/2015 - 04/2018	Genetic Admixture and Host-Pathogen Interactions in Helicobacter pylori Infection. MRC, United Kingdom. Member
10/2013 - 12/2017	Support for the Implementation of Human Resources Research and Training at postgraduate level in Cabo Verde. CAPES, Brasil. Co-Applicant
10/2014 - 09/2016	Viral hepatitis in the black population: origin, epidemiological and molecular profile, and predisposition to hepatocellular carcinoma. CNPq, Brasil. Member
08/2011 - 07/2015	Environmental study of zoonosis vectors and reservoirs in Cabo Verde. SECI, Spain. Co-Applicant
03/2009 - 02/2011	Evolution and Molecular Epidemiology of HIV-1 and HIV-2 in Cabo Verde. CNPQ, Brasil. Co-Applicant
2006 - 2009	The Cabo Verdean Model Face Intervention HIV/AIDS: 2002-2006. Council for the Development of Social Science Research in Africa (CODESRIA). Applicant
2007 - 2010	Understanding the genetic architure and evolution of human pigmentary traits: Admixture mapping studies in Cabo Verde. Foundation for Science and Technology - FCT, Portugal. Member

2007 - 2010 Study of genetic determinants of obesity and arterial hypertension in mixed populations: The exemplary case of Cabo Verde and the Portuguese population of the Tejo Margin, Sado and Guadiana. Sanofi Pasteur, Portugal. Member

3.3. Fellowship

05/2021 International Credit Mobility Erasmus+. Institute of Hygiene and Tropical Medicine, NOVA University, Lisboa, Portugal

11/2019 Ayudas para estancias de docentes de países extracomunitarios invitados. Rectoria de Proyección, Internacionalización y Cooperación. Universidad de la laguna, Tenerife – Canarias, Espanha

06/2019 International Credit Mobility Erasmus+. Institute of Hygiene and Tropical Medicine, NOVA University, Lisboa, Portugal

12/2018 Vanderbilt University Medical Center - Research and Education Strategic Planning Symposium for Lusophone Speaking Africa. Vanderbilt University, Nashville, United States of America

02 - 09/2018 Science Management. Fundação Calouste Gulbenkian, Fundação la Caixa em colaboração, Centro de Investigação em Saúde da Manhiça and Barcelona Institute for Global Health

05/2017 Research partnerships with organisations in countries on the DAC list. Research & Enterprise Division University of Leischester, United Kingdom

03/2011 - 02/2014 Ph.D student. Student Agreement Program - Graduate (PEC-PG). Coordination for the Improvement of Higher Education Personnel (CAPES) - Ministry of Education, Brasil

03/2003-02/2005 Master degree. Student Agreement Program - Graduate (PEC-PG). Coordination for the Improvement of Higher Education Personnel (CAPES) - Ministry of Education, Brasil

1995 - 2000 Undergraduate Student. Student Agreement Program - Undergraduate (PEC-G). Coordination for the Improvement of Higher Education Personnel (CAPES) - Ministry of Education, Brasil

4. Advice and consultancy

2018 – 2020 Cartography, size estimation and bio-behavioral survey of injecting drug users in Cabo Verde. AIDS Coordination and Combat Committee (CCS-Sida), Cabo Verde

2018 – 2018 Bio-Behavioral Study on the vulnerability of People with disabilities to HIV-AIDS in Cabo Verde. AIDS Coordination and Combat Committee (CCS-Sida), Cabo Verde

2010 – 2010 Cartography of reference centers for diagnosis, treatment and follow-up of HIV infection in Cabo Verde and Guiné-Bissau. West African Health Organisation (WAHO)

2007 – 2007 Survey of Health Research Institutions. World Health Organization (WHO), Cabo Verde

5. Publications

2022 Sex-biased admixture and assortative mating shape genetic variation and influence demographic inference in admixed. 2022. DOI: 10.1101/2020.12.14.422766

2021 Knowledge Integration and Its Role in the Training of Health Professionals: The Cabo Verde Experience. Handbook of Research on Essential Information Approaches to Aiding Global Health in the One Health Context. 2021. DOI: 10.4018/978-1-7998-8011-0.ch015. <https://www.igi-global.com/chapter/knowledge-integration-and-its-role-in-the-training-of-health-professionals/293106>

2021 Study of the Etiology of Acute Respiratory Infections in Children Under 5 Years at the Dr. Agostinho Neto Hospital, Praia, Santiago Island, Cabo Verde. 2021. Front. Pediatr. 9:716351. doi: 10.3389/fped.2021.716351.

2021 Sero-Epidemiological Survey and Profile of SARS-CoV-2 Infection in Cabo Verde. 2021. AJBSR.MS.ID.001835. DOI: 10.34297/AJBSR.2021.13.001835.

2021 Genetic Characterization of a New HIV-1 Sub-Subtype A in Cabo Verde, Denominated A8. Viruses 2021, 13, 1093. <https://doi.org/10.3390/v13061093>

2021 Whole-genome analysis uncovers loss of bla_Z associated to carriage isolates belonging to MRSA clone ST5-VI in Cabo Verde. 2021. JGAR 1566. DOI:<https://doi.org/10.1016/j.jgar.2021.04.018>.

2021 Human pegivirus 1 in Cabo Verde: prevalence and genotypic distribution among HIV-infected individuals. 2021 Archives of Virology <https://doi.org/10.1007/s00705-021-05014-0>

2020 A five-year retrospective study shows increasing rates of antimicrobial drug resistance in Cabo Verde for both Staphylococcus aureus and Escherichia coli. Journal of Global Antimicrobial Resistance. Journal of Global Antimicrobial Resistance. PMID: 32348903 DOI: 10.1016/j.jgar.2020.04.002. <https://www.sciencedirect.com/science/article/pii/S2213716520300941?via%3Dihub>

2018 Hepatitis B virus genotypes A1, A2 and E in Cabo Verde: Unequal distribution through the islands and association with human flows. 2018 PLoS ONE 13(2): e0192595. <https://doi.org/10.1371/journal.pone.0192595>. <http://journals.plos.org/plosone/article/file?id=10.1371/journal.pone.0192595&type=printable>

2017 Fortalecimento dos Comitês de Bioética nos Países Africanos de Língua Portuguesa. An Inst Hig Med Trop 2017; 16 (Supl. 2): S105 - S107. [https://research.unl.pt/en/publications/fortalecimento-dos-comites-de-bioetica-nos-paises-africanos-de-lingua-portuguesa\(8c7da88e-3f53-4882-8846-b47b173373cf\)/export.html](https://research.unl.pt/en/publications/fortalecimento-dos-comites-de-bioetica-nos-paises-africanos-de-lingua-portuguesa(8c7da88e-3f53-4882-8846-b47b173373cf)/export.html)

- 2016 Genome-wide analyses of HTLV-1aD strains from Cabo Verde, Africa. 2016-09 | journal-article DOI: 10.1590/0074-02760160227 <https://doi.org/10.1590/0074-02760160227> Page 6/51/0074-02760160227 PMC: PMC5027869 PMID: 27653363 URL: <http://europepmc.org/abstract/med/27653363>
- 2015 Origin and Population Dynamics of a Novel HIV-1 Subtype G Clade Circulating in Cabo Verde and Portugal. 2015 | journal-article DOI: 10.1371/journal.pone.0127384 PMC: PMC4439163 PMID: 25993094 URL: <http://europepmc.org/abstract/med/25993094>
- 2014 Profile of the HIV epidemic in Cabo Verde: molecular epidemiology and drug resistance mutations among HIV-1 and HIV-2 infected patients from distinct islands of the archipelago. 2014 | journal-article DOI: 10.1371/journal.pone.0096201 PMC: PMC3999145 PMID: 24763617 URL: <http://europepmc.org/abstract/med/24763617>
- 2013 Genetic architecture of skin and eye color in an African-European admixed population. 2013-03 | journal-article DOI: 10.1371/journal.pgen.1003372 PMC: PMC3605137 PMID: 23555287 URL: <http://europepmc.org/abstract/med/23555287>
- 2012 The admixture structure and genetic variation of the archipelago of Cabo Verde and its implications for admixture mapping studies. 2012 journal-article DOI: 10.1371/journal.pone.0051103 PMC: PMC3511383 PMID: 23226471 URL: <http://europepmc.org/abstract/med/23226471>

6. Workshops and Seminars (Last 5 years)

- 2023 The role of ethics committees and educational institutions to ensure responsible implementation of health research. Fogarty International Center, USA (Collaborative Training in Research Ethics, Grant # R25TW009722). Maputo, Moçambique
- 2023 17th World Congress in Public Health - A World in Turmoil: Opportunities to Focus on the Public's Health. Rome, Italy
- 2023 6th National Congress of Tropical Medicine - Tropical Medicine and Sustainable Development. Lisboa, Portugal
- 2022 OPTIMMUNIZE 2022 conference. Odense, Denmark.
- 2022 Postgraduate Training and Research in Health Development in Cabo Verde. XXVIII AULP Meeting under the theme "Globalization and Health". Coimbra, Portugal
- 2022 Submission and Evaluation of Research Protocols: The experience of CNEPS. Seminar on Ethics in Health Research. Faculty of Sciences and Technology - University of Cabo Verde. Praia, Santiago Island, Cabo Verde
- 2022 Public Health Research at Uni-CV: Contributions to the National Health Research Agenda. Workshop for Dissemination and Follow-up of the Implementation of the National Health Research Agenda 2020-2024. National Institute of Public Health. Praia, Santiago Island, Cabo Verde
- 2022 Biomedical Research: its importance for the country global development. Project for Ethics and Regulatory Capacity Building in Portuguese-Speaking African Countries, BERC-Luso. National Health Research Ethics Committee and Independent Health Regulatory Entity, Ministry of Health. Praia, Santiago Island, Cabo Verde
- 2022 Required documents for submission of Research Protocols - CNEPS, Cabo Verde. Course on Ethics in Health Research. Project Strengthening of Bioethics Committees in Lusophone Africa. Online
- 2021 Challenges and opportunities of research in communicable diseases: Contributions of Faculty of Sciences and Technology - University of Cabo Verde. 2nd National Congress on Health Research. National Institute of Public Health. Praia, Santiago Island, Cabo Verde
- 2021 The Scientific Research Paths. CAMPUSÁFRICA 2021. Climatic and pandemic challenges in a context of global crisis. La Laguna - Tenerife, Canárias Islands, Spain
- 2021 Health Research in the Context of Public Health in Cabo Verde. 1st National Forum on Medical Education. Praia, Santiago Island, Cabo Verde
- 2020 Study of the risk index of mineral dust and microorganisms associated with health effects. 4th Scientific Journey in Biology and Health - Public Health in Pandemic Era. Praia, Santiago Island, Cabo Verde
- 2020 BCG vaccine to reduce unplanned absenteeism due to illness among health care workers during the COVID-19 pandemic. A multicenter, randomized controlled trial. 4th Scientific Journey in Biology and Health - Public Health in Pandemic Era. Praia, Santiago Island, Cabo Verde
- 2020 Study of the relationship between the antimicrobial resistance profile of common pathogenic bacteria and the level of antibiotic consumption in the city of Praia. 4th Scientific Journey in Biology and Health - Public Health in Pandemic Era. Praia, Santiago Island, Cabo Verde
- 2020 A study of the etiology of upper respiratory tract infections in children under 5 years of age in Dr. Agostinho Neto Hospital, Praia, Santiago Island, Cabo Verde. 3rd Congress of Young Researchers of the Canary Islands and 1st International Congress of Young People for Research. Canarias Island, España
- 2019 Retrospective study on the profile of antimicrobial drug resistance - The case of the Hospitals Agostinho Neto and Baptista de Sousa. 1st International Congress of Nursing in Cabo Verde. Praia, Santiago Island, Cabo Verde
- 2019 Health Research in Cabo Verde. 1st International Congress of Nursing in Cabo Verde. Praia, Santiago Island, Cabo Verde
- 2019 Population Genetics of *Helicobacter pylori* in the West African archipelago of Cabo Verde. Microbial Evolution in Complex Environments (EMB2019). Reino Unido

- 2019 Human Viruses in Cabo Verde. 3rd Scientific Journey in Biology and Health - Human Health and Environment /Macaronesia Global Campus. Praia, Santiago Island, Cabo Verde
- 2019 Human viruses in Cabo Verde (HIV, HBV, HTLV and Pegviruses). 3rd Scientific Journey in Biology and Health - Human Health and Environment/ Macaronesia Global Campus. Praia, Santiago Island, Cabo Verde
- 2019 Etiology of upper respiratory tract infections in children under 5 years old in Praia. 3rd Scientific Journey in Biology and Health - Human Health and Environment/ Macaronesia Global Campus. Praia, Santiago Island, Cabo Verde
- 2019 Genetic Characterization HIV-1 sequences from Cabo Verde points to a new sub-subtype A. 10th International Aids Society Conference. Cidade do México, México
- 2019 HTLV-1 and HIV-2 co-infections in Cabo Verde. 10th International Aids Society Conference. México City, México
- 2019 Academic Pathway: Sharing Knowledge, Challenges and Experiences. Cycle of Conferences of the Disciplinary Group of Biological Sciences. Praia, Santiago Island, Cabo Verde
- 2019 CPLP Research Ethics Project. 1st National Congress of Health Research. National Institute of Public Health. Praia, Santiago Island, Cabo Verde
- 2019 Overview of the research in public health in Cabo Verde. 1st International Forum on Food & Nutrition in Cabo Verde. Assomada, Santiago Island, Cabo Verde
- 2019 Health System in Cabo Verde. Universidade Federal de Pernambuco. Recife, Brasil
- 2019 Health Research at the University of Cabo Verde. Institute of Hygiene and Tropical Medicine. Lisbon, Portugal
- 2018 Presentation of the ANCoVer project. 2nd Scientific Journey in Biology and Health. Praia, Santiago Island, Cabo Verde
- 2018 Implementation and Optimization of the Gastric Stripe Method in *Helicobacter pylori* Isolation in Cabo Verde. 2nd Scientific Journey in Biology and Health - Epidemiology and Genomics of Microbial Infections and Antimicrobial Drug Resistance (AMR). Praia, Santiago Island, Cabo Verde
- 2018 HpMix: Presentation of Preliminary Results - Genetic variation of *Helicobacter pylori* and association with antibiotic resistance patterns in Cabo Verde. 2nd Scientific Journey in Biology and Health - Epidemiology and Genomics of Microbial Infections and Antimicrobial Drug Resistance (AMR). Praia, Santiago Island, Cabo Verde
- 2018 Study of *Helicobacter pylori* infection and evaluation of pepsinogen levels in Cabo Verde. 1st Scientific Journey in Biology and Health - Parasite Biology. Praia, Santiago Island, Cabo Verde

7. Community service

- 1984 – present Nazarene Church. Praia, Santiago Island, Cabo Verde
- 2012 - 2014 Association of Postgraduate Students of the Oswaldo Cruz Institute, Oswaldo Cruz Foundation. Rio de Janeiro, Brasil
- 2000 - 2004 Liga Nazarena de Solidariedade, NGO, Cabo Verde
- 1997 - 2000 Association of Cabo Verdean students in Rio de Janeiro. Rio de Janeiro, Brasil
- 1993 - 1996 Unicamp's Christian Students Group. Campinas, SP, Brasil
- 1987 - 1992 Cabo Verde Red Cross. Praia, Santiago Island, Cabo Verde