

# Teresa Lobo Machado Sousa Nazareth da Gama Lobo Xavier

[teresa.lobo.nazareth@gmail.com](mailto:teresa.lobo.nazareth@gmail.com) | <https://pt.linkedin.com/in/teresalobonazareth>



## Summary

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With a background in Biochemistry, my career has been mainly focused on Research in Public Health and Community Engagement. My experience turned me fascinated about working in interdisciplinary projects, thinking health at all level (molecule - cell -individual - ecological niche). Teaching and supervising gave me an opportunity to strengthen my communication skills, which were twice awarded. Additionally, I point out my entrepreneurship attitude for creating a non-profit organization.

My main professional aim is to combine my scientific background in order to promote impact in society.

## Research/professional experience

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- 2017-present** Coordinating ModMosq: assessing strengths, weaknesses, threats and opportunities of modifying insects for disease prevention (Principal Investigator: Carla Sousa), IHMT<sup>i</sup>, NOVA
- 2016** Thinking, and writing a Project for funding, approved as 'Excellent' by an International Board (FCT call)  
Collaborating in several research projects on community awareness and literacy, namely: Zika Project in Olympics, Brazil and Tuberculosis in travellers/migrants (collaborations with Instituto Fiocruz)
- 2015** Applying health preventive strategies in French Guiana, IHMT<sup>i</sup>, NOVA (collaboration with Pasteur Institute)  
Maternity License
- 2010-2014** Development of dengue preventive strategies collaboration with Madeira authorities IASAUDE (within PhD thesis)  
Creating metric scales to assess community perceptions, IHMT<sup>i</sup>, Lisbon  
Coordinating local health technicians within a field work for a community assessment, Madeira Island
- 2009** Lab management and coordination stem cells culture in ARTEMIS start-up, Parque Científico de Madrid
- 2008** Collaboration in the Biogas Project, Environmental Engineering Laboratory, Universidade do Minho

## Teaching/Supervising experience

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- 2017** Supervising a Trainee from Tropikman Doctoral Program, NOVA SBE  
Supervising a Master Thesis in Medical Parasitology, IHMT<sup>i</sup>, NOVA
- 2016** Co-supervising a PostDoc in Tuberculosis' literacy and treatment compliance, IHMT<sup>i</sup>, NOVA  
Co-supervising a Master Thesis in Tropical Medicine, IHMT<sup>i</sup>, NOVA
- 2016-present** Lecturing Dengue Prevention, and Translational Research, Tropikman Doctoral Program, NOVA SBE
- 2015** Lecturing at Science, Ethics and Society module, GABBA Doctoral Program, Universidade do Porto  
And at Master in Public and International Health, IHMT<sup>i</sup>, NOVA
- 2012** Co-supervising two Graduation Trainees, Escola Profissional Atlântico, Madeira Island

## Education

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- 2014** PhD in **Basic and Applied Biology** (with strong component in Public Health)  
Mark: *Aprovado com Distinção por unanimidade* (Highest) by Universidade do Porto
- 2012** Biostatistics (post-graduation course), IHMT<sup>i</sup>, NOVA  
Evaluation in Health projects (post-graduation course), IHMT<sup>i</sup>, NOVA  
Health Communication and Literacy (post-graduation course), Instituto Superior de Psicologia Aplicada
- 2010** GABBA Doctoral Program: Lectures from top and internationally experienced researchers in Immunology, Iron Metabolism, Neuroscience, Oncobiology, Development Biology, Genetics, etc.
- 2003-2007** **Graduation in Biochemistry**, Faculty of Science, Universidade do Porto, Mark: 15|20 (*Pre-Bologna* course)  
Graduation Trainee at ICVS, Escola de Medicina, Universidade do Minho, Mark: 17|20

## Awards and other activities

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**Young Researchers Work 2<sup>nd</sup> Prize** attributed by the European Mosquito Control Association at the 7<sup>th</sup> EMCA workshop, 2015  
**Revelation Student Award** attributed by the International Congress of Environmental Health (within > 200 candidates), 2012  
**Thinking** about Health Literacy on a discussion group promoted by NOVA saude  
**Founding and directing** the juvenile non-profit organization “Os Meninos do Coro” that stills works now-a-days, 2000-2013  
**Promoting** Eurodoc’s annual conference, Fundação Calouste Gulbenkian, 2014-2015 and The international symposium “Perspectives on [Bio]Diversity”, Instituto de Biologia Celular e Molecular, 2010  
**Creating business idea** at at BET24h, Universidade Católica– 4<sup>th</sup> best idea prize and NOVA idea competition, “Foodfriends”(2012)

## Skills and Personal interests

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Languages: **Fluent English**, oral and written (Certificate in Advanced English, University of Cambridge, 2008); **Fluent oral Spanish**, regular written (Diploma upper intermediate B2, Instituto Cervantes, 2007); **Regular French**, oral and written (ILNOVA, 2014)

Selected for the Campaign Change for the planet-Care for the People: promoting sustainable lifestyles, CIDSE and FEC (2016)  
Volunteer in a Project for development in Rabo de Peixe, Azores (coordinating teams, fundraising, children’s guide)

## Publications and communications

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### MAIN PUBLICATIONS

**Nazareth T**, Sousa CA, Porto G, Gonçalves L, Seixas G, Antunes L, Silva AC, Teodósio R. (2015) Impact of a dengue outbreak experience in the preventive perceptions of the community from a temperate region: Madeira Island, Portugal, *PLoS Negl Trop Dis* 9(3): e0003395. doi:10.1371/journal.pntd.0003395. (IF 2014/2015 = 4.45)

**Nazareth T**, Seixas G, Sousa CA, *Climate change and mosquito-borne diseases in* Leal Filho W, Ulisses Azeiteiro U and Alves, F eds. *Climate Change and Health: improving resilience and reducing risks* (2015) Springer. (Book chapter)

**Nazareth T**, Teodósio R, Porto G, Gonçalves L, Seixas G, Silva AC, Sousa CA (2014). Strengthening the perception-assessment tools for Dengue prevention: a cross-sectional survey in a temperate region (Madeira, Portugal). *BMC Public Health*, 15:14-39. doi: 10.1186/1471-2458-14-39 (IF 2014/2015 = 2.26)

**Nazareth T** (2014). Assessment of community perception regarding Dengue prevention in Madeira Island, Portugal (PhD thesis). Universidade do Porto, Portugal

### MAIN ORAL COMMUNICATIONS

Nazareth T, Teodósio R, Gonçalves L, Porto G, Sousa CA. Strengthening tools for dengue prevention: How to engage community? What’s the impact of an outbreak? Abstract Book of Amazonian Conference on Emerging and Infectious Diseases (ACEID), Abstract book pp. 33. STRONGER Project, Cayenne, French Guiana, 2014. (Invited Speaker)

Nazareth T, Sousa CA, Graça P, Luzia G, Seixas G, Silva AC, Teodósio R. Impact of a dengue outbreak: forward and backward steps for community engagement. IV Congresso Nacional de Saúde Pública, Oral communication No. 217 Lisboa, 2014.

Nazareth T, Sousa CA, Graça P, Luzia G, Seixas G, Silva AC, Teodósio R. “Assessing community perceptions for dengue prevention in Madeira Island, Portugal” GHTM session IHMT<sup>i</sup>, NOVA University Lisbon, 2014. (Invited Speaker)

Nazareth TL, Sousa CA, Porto G and Teodósio R: *Improving community-based tools for dengue prevention: a new methodology applied in Madeira (Portugal)*, in Fighting NTDs in Portuguese-speaking African countries, Lisbon, Portugal. October 2013

**Nazareth T**, Fontes T in '[Retratar as Doenças Tropicais: imagens escolhidas de histórias diversas](#)'. 11 October – 19 December (2014) Faculdade de Ciência e Tecnologia, Universidade Nova de Lisboa (Exhibition)

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<sup>i</sup> Instituto de Higiene e Medicina Tropical