

1 Carla Miranda is an invited Assistant Professor in the Microbiology area and Infectious  
2 Diseases at the Department of Animal and Veterinary Science at the University Institute of  
3 Health Sciences of the Advanced Polytechnic and University Cooperative, CRL (IUCS-  
4 CESPU). She is an integrated member of LAQV-REQUIMTE, University NOVA of Lisbon and a  
5 collaborator researcher at 1H-TOXRUN (IUCS-CESPU) of Applied Molecular Biosciences Unit  
6 (UCIBIO). She holds a PhD in Veterinary Sciences from the Institute of Biomedical Sciences  
7 Abel Salazar at the University of Porto (ICBAS-UP) in 2016 and obtained her master degree in  
8 Veterinary Medicine from the University of Trás-os-Montes and Alto Douro (UTAD) in 2010.  
9 Her main research interest is the characterization of antibiotic resistance mechanisms in  
10 bacteria of different origins as humans, animals, food, water and the environment in a One  
11 Health approach, as well as the performance of studies of molecular epidemiology to  
12 characterize the genetic lineages of antibiotic-resistant bacteria. She has participated in  
13 diverse I&D projects as PI or Researcher, and she has supervised several undergraduate  
14 students and master dissertations. She co-coordinated the implementation of the service-  
15 learning MicroMundo@IUCS-CESPU project, involving university and school students.  
16 Concerning scientific production, she has more than 150 scientific publications as articles in  
17 journals from the SCI, book chapter/book, GenBank publications and communications  
18 (panel/oral) at prestigious national and international congresses.