Capacity development, training ans research uptake

PO - (8608) - ESTABLISHED PARTNERSHIPS BETWEEN UNIVERSITY OF CAPE VERDE, UNIVERSITY OF LEICESTER - UK OR THE INSTITUTE OF HYGIENE AND TROPICAL MEDICINE, PORTUGAL

Araújo, Isabel Inês (Cape Verde); Beleza, Sandra (United Kingdom); Martins, Maria Do Rosário (Portugal)

1 - Faculdade de Ciências e Tecnologia, Universidade de Cabo Verde; 2 - Department of Genetics and Genome Biology, University of Leicester; 3 - Instituto de Higiene e Medicina Tropical, Universidade Nova de Lisboa

Background:
The University of Cape Verde (Uni-CV) was founded in 2006 and since then has developed an effective international strategy that is enhancing the teaching and research culture of the university. In order to build capacity in the public health field, Uni-CV has established collaborations with University of Leicester (UoL), UK, and with Institute of Hygiene and Tropical Medicine (IHTM – NOVA University), Portugal. These follow different approaches.

Methods: Different type of capacity building initiatives focused on researchers and postgraduate students

Results:
The collaboration with UoL was established in 2016 and builds on funded research programmes in infectious disease and evolution of antimicrobial drug resistance (AMR). These programmes have allowed technology development and transfer, which offer the opportunity for undergraduate students to lead laboratory–based research projects at Uni-CV. In these two years, we have successfully characterised the epidemiology and patterns of AMR underlying Helicobacter pylori infections in Cape Verde. Beyond the research outputs, we have trained four undergraduates in laboratory-based microbiology at Uni-CV. From this experience, we are currently designing new sustainable higher education programmes aligned with the MSc in Public health at Uni-CV that aim to support Uni-CV lecturers in the supervision of postgraduate students, either independently or in collaboration with UoL researchers.

The collaboration with IHTM was established in 2008 with the main aim of developing the research capacity of Cape Verde researchers and health professionals in infection and vector-born diseases and in bioethics. These activities have also led to collaborative research in these areas. Since then, six training courses were lectured that benefited ~20 Uni-CV lecturers and ~100 government professionals.

Conclusion:
Although these collaborative approaches are different in nature, they have been successful in the training of health professionals, researchers and technicians in Cape Verde and have contributed for the establishment of mutually beneficial research programmes.