



Infectious and Tropical Diseases

Training opportunities in clinical and research

The Instituto de Medicina Tropical Alexander von Humboldt (IMT AvH) is a leading research institution with worldwide recognition in tropical medicine. It offers learning opportunities in research and clinical practice in infectious diseases and tropical medicine for international students and professionals. It is a ESCMID Collaborative Center since 2014.

LEARNING OPPORTUNITIES FOR ENGLISH SPEAKERS

The Gorgas Course in Clinical Tropical Medicine. A 9-week Diploma Course organized in collaboration with the University of Alabama targeted to physicians, nursing professionals, physician assistants and public health professionals. Over the past 20 years, 600 health professionals from 72 countries have participated in the course. Date: February and March (every year)

Gorgas Advanced Course. Targeted at experienced physicians, this two-week bedside clinical experience course intensive hands-on exposure to large numbers of patients in order to improve clinical skills. Date: August (every year)

Lumbreras Tropical Medicine Course. A 4-week course targeted at medical students. In the past 9 years more than 160 students from 60 international medical schools participated of this course. Date: April (every year)

Clinical Ultrasound in Clinical Infectious Diseases. Targeted at providers with experience and/or a special interest in clinical tropical medicine, infectious disease or clinical medicine in resource-limited settings. A pre-course is being offered for those with minimal previous ultrasound experience. Date: January (every 2 years)

LEARNING OPPORTUNITIES FOR SPANISH SPEAKERS

Course of Tropical Medicine and Infectious Diseases. Participants will study and learn alongside current Cayetano Heredia medical students, including 8-day trip to the Peruvian jungle. Since 2016, only international medical students will be accepted. Date: November and December (every year)

International Observership in Tropical Medicine and Infectious Diseases. This is mainly targeted to Spanish speaker Infection Diseases fellows from Latin America, Spain and Portugal. This observership will include a 2-day trip to the Peruvian jungle. Date: September (every year)

Regular observerships. Participants can join the Infectious Diseases team in daily clinical activities and are also involved in the academic activities of the Department of Hospital Nacional Cayetano Heredia. There are more than 30 international participants over the year. A short stays in a hospital of Iquitos can also be organized as part of this activity.

Course of molecular epidemiology applied to infectious and tropical diseases More than 300 students have participated during the last 12 years. This is a 3-week course that evaluates the newest tools of molecular biology and bioinformatic analysis currently used in the diagnosis and research of pathogens causing infectious and tropical diseases. Date: February (every year)

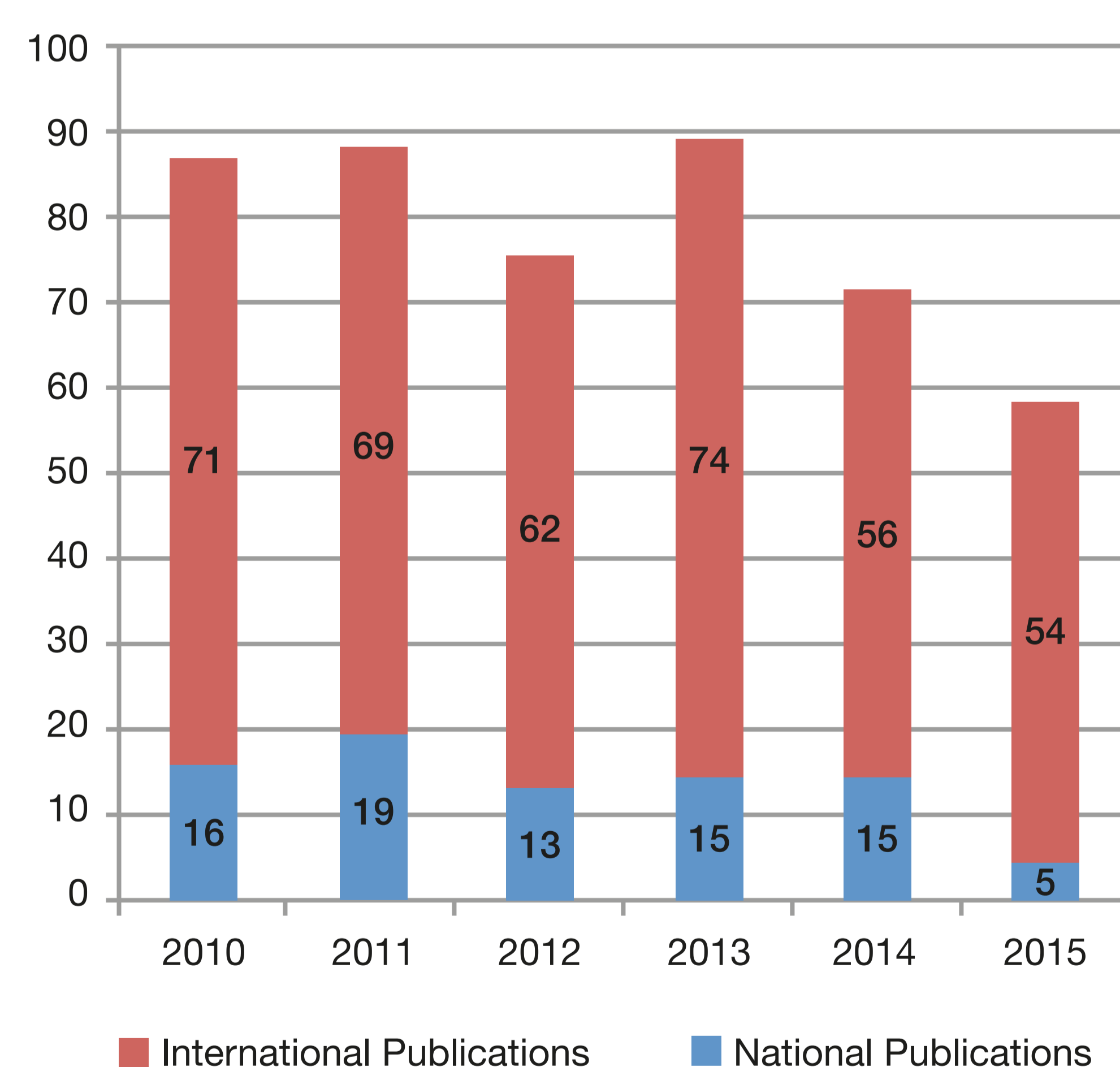
RESEARCH OPPORTUNITIES

The IMT AvH focuses on all scientific disciplines related to prevention and control of tropical diseases. These disciplines include clinical, diagnostic, epidemiological, socio-anthropological, and ecological aspects; as well as methods for community involvement in the tackling of environmental and population problems.

Our region's shifting epidemiology has resulted in changes in research priorities. From Hansen's disease, intestinal parasitosis, diseases caused by fungi and yeasts, Carrion's disease and other bartonellosis, leishmaniasis and malaria, to brucellosis, leptospirosis, typhoid fever, *Helicobacter pylori* infection, cholera and HIV, and later on to HTLV-1 and tuberculosis. Additional current investigations explore; pediatric diarrhea and acute respiratory infections, hospital-acquired infections, antibiotic resistance and stewardship, free-living amoebae infections and the study of emergent and reemergent diseases.

Participants have the opportunity to take part of ongoing research projects.

Numbers of publications in peer-reviewed international and national journals per year.



CONTACT INFORMATION

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