

# **Bacterial Resistance: Urgency of a multilateral and comprehensive approach to training health personnel**

## **"Resistencia bacteriana: la urgencia de un enfoque integral y multilateral para la formación de personal en salud"**

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### **Abstract**

Bacterial resistance to antibiotics is a real threat to global health, especially in developing countries and to the poor. The magnitude and multi-causes of the problem impels a coordinated and multilateral approach. ReAct is establishing a program of training and research in primary health care, with emphasis on management of infectious diseases prevalent in the community and antibiotic resistance. This can make a difference through community empowerment, participatory action-research, communication and health promotion. The program includes distinct stages of implementation, action, evaluation and replication in the region, through the construction of alliances between universities, social organizations, professional associations and health institutions. Its collective construction involves the Faculty of Medical Sciences at the University of Cuenca, Ecuador, Action on Antibiotic Resistance - ReAct Latin America and ReAct Global - PAHO, ANVISA Brazil, among others. A pilot project in Ecuador will offer: a first introductory phase on bacterial resistance, the management of prevalent infectious diseases in the framework of the revitalization of Primary Health Care; a phase of further specialization will promote the development of clinical competencies for solving specific problems in the community, and abilities to communicate scientific evidence to the community and promote their participation; the training of trainers, at Masters level, will develop the pedagogical and research training of a team of professionals who may train new professionals and staff in the community. New on-line edu-communication packages will be offered to the scientific and lay communities.

**Keywords:** Research and Training in Primary Health Care; Prevalent Infection Diseases; Bacterial Resistance to Antibiotics.