

Advanced Infectious Diseases Research and Training

Priority Area	
Public Health	
Abstract	
<p>This CoRE will tackle the next frontiers in infectious disease (ID) research in an equitable partnership. Their overarching goal is to understand the fundamental biology of pathogens and of infections, and to inform drug and intervention discovery and development. ID pathogens have divergent biology and complex interactions with their host and the environment. Meaningful progress towards disease control necessitates an integrated and multidimensional understanding that can only be achieved in a partnership of complementary and synergistic expertise that our Cluster embodies. Further, the under-representation of researchers based in Africa in the field's global leadership, and their limited access to cutting-edge technologies, form major barriers for significant leaps in progress as many IDs are endemic in Africa. This CoRE will overturn this damaging inequality, through an equitable and open revolving door model for training in existing skills, and through simultaneously establishing novel technologies in partnership between ATG scientists.</p>	
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