

## Translational Research in Infection, Immunity, and Inflammation

Priority Area	
Public Health	
Abstract	
<p>Rapid urbanisation and lifestyle changes in Sub-Saharan Africa (SSA) are transforming its disease epidemiology. The region is facing a double burden of disease: a rising prevalence of non-communicable diseases while the burden of infectious diseases (ID) and antimicrobial resistance remains high. The host immune system plays a pivotal role in these conditions and understanding the interactions between pathogens and host immunity is critical for effective treatments and prevention. However, populations in SSA are underrepresented in immunity and ID research, despite significant genetic, epidemiological and contextual differences. In response, this CoRE will establish a network of institutions with expertise in infection, immunity and inflammatory response; aiming to promote capacity exchange programs that boost training and research efforts, knowledge, and technology transfer among institutions and equip the region with the necessary skills to acquire evidence that informs policies to help address pressing public health challenges in the coming years.</p>	
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