



Prof Craig Kinnear

Cape Town

Prof Craig Kinnear is the director of the SAMRC Genomics Platform who obtained his PhD at Stellenbosch University in 2007. For his PhD, he focused on identifying novel genetic predisposing factors involved in the pathogenesis of obsessive-compulsive disorder and schizophrenia. Furthermore, he investigated signalling pathways involved in neuronal migration and brain development. Following his PhD, Prof Kinnear's research interest shifted towards studying the molecular mechanisms underlying the development of cardiac hypertrophy in patients with Hypertrophic Cardiomyopathy. In 2013, he joined the TB host genetics team at the Division of Molecular Biology and Human Genetics at Stellenbosch University where he is currently focusing on identifying disease-causing mutations in patients with primary immunodeficiencies who are extremely susceptible to tuberculosis. In addition to this, he is also investigating the extent to which different Mycobacteria tuberculosis strains induces autophagy in the human host.