

Reto Guler Interview



Reto Guler (Loop Frontiersin)

Dr Reto Guler received his PhD in Immunology at the University of Geneva, Switzerland and then went on to become a Postdoctoral Fellow at UCT from 2004-2009. Since 2010, Dr Guler has served as Senior Research Officer at the International Centre for Genetic Engineering and Biotechnology (ICGEB) Cape Town, positioned in the Infectious Disease and Molecular Medicine (IDM), and Lecturer in the Division of Immunology, University of Cape Town (UCT).

Dr Guler's research focuses on host-pathogen interactions particularly in *Mycobacterium tuberculosis* and *Leishmania major*. His group researches host factors and pathways that are subverted by pathogens to increase their persistence and survival within macrophages. Dr Guler aims to validate identified drug targets genes in macrophages and experimental mouse models by gain and loss of function studies.

Dr Guler spoke to Immunopaedia about MHC and antigen presentation.

<https://www.immunopaedia.org.za/wp-content/uploads/2016/06/Reto-MHC-presentation.m4a>

Reto Guler, University of Cape Town – MHC/Antigen Presentation