

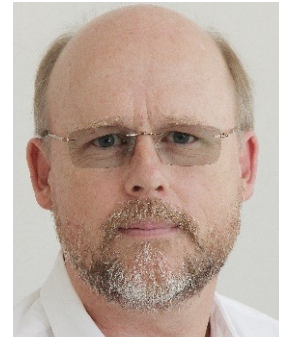
SCIENTIFIC SEMINAR SERIES

Wednesday 11 May 2022 @12h00

VENUE: JN De Villiers Auditorium, Clinical Building, Tygerberg Campus or virtually*

Using next generation sequencing methods to enhance understanding of the epidemiology and treatment of drug resistant TB

Presenter: Professor Rob Warren



Professor Warren is the unit Director of the South African Medical Research Council's Centre for Tuberculosis Research. Under his guidance, the study of the molecular epidemiology of Mycobacterium tuberculosis (TB) in a high incidence setting (Cape Town, South Africa) was brought to the forefront of international tuberculosis research. Much of this work has provided new understanding, which has allowed long standing dogmas to be challenged. His current research focuses on: 1) the disease dynamics of drug sensitive, MDR- and XDR-TB in the Western Cape, 2) the development of novel diagnostics, 3) discovery of the mechanisms whereby drug resistance develops, 4) novel methods to improve the speed of diagnosing smear positive disease, 5) host-pathogen compatibility, 6) identification of highly pathogenic strains of M. tuberculosis, 7) pathogen evolution and 8) mycobacterial epigenetics.

*Please [register](#) in advance for this seminar. Please note that in order to comply with Covid-19 regulations, in-person attendance is limited.

After registering, you will receive a confirmation email containing information about joining the seminar



MEDICINE AND
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