

SA–SWISS Nanomedicine (TB & HIV/AIDS) Symposium

2017

INTRODUCTION

South Africa faces a large burden of diseases including HIV/AIDS, tuberculosis (TB), cancer, malaria and other poverty related diseases. The country has the most serious HIV/AIDS epidemic in the world, with over 6 million people living with the condition. HIV/AIDS is the cause of the highest number of deaths each year in South Africa.

Over 3 million people in South Africa are on antiretroviral therapy. The use of some antiretroviral therapies is limited by their severe adverse side-effects, complex medication regimens and ineffectiveness.

Opportunistic infections such as TB often accompany this high rate of HIV infection, and as a result, in Africa, HIV is the single most important factor contributing to the increase in the incidence of TB since 1990.

Nanotechnology is an emerging field of science that promises to revolutionise medicine in the 21st century, as it offers great potential to radically advance the diagnosis, prevention and treatment of diseases such as TB and HIV/AIDS.

The aim of the symposium is to provide a platform for researchers and industry to showcase ground breaking

Venue: International Convention Centre, CSIR, Pretoria

Dates: 5 – 6 December 2017

Time: 08h30-17h00

Cocktail Event and Networking Platform

Venue: Swiss Ambassador's House, Brooklyn, Pretoria

Date: 05 December 2017

Time: 18h30 - 22h00

academic and industrial research to policy makers and promote collaboration in the areas of HIV/AIDS, TB and nanomedicine in South Africa (SA) and Switzerland (Swiss).

The topics of discussions will include:

- Nanotechnology development in SA and Switzerland
- SA and Swiss cutting-edge joint research projects in TB and HIV/AIDS with a focus on nanomedicine
- Nanotechnology safety, risk and ethics
- The need for public awareness on nanotechnology
- Opportunities provided by SA government towards innovation and commercialisation support
- SA-Swiss business development programme and innovations in nanomedicine
- Swiss private sector activities in TB and HIV/AIDS in SA

REGISTRATION

Registration is free of charge and includes all symposium materials, teas and lunch. To register, follow the link:

<https://www.npep.co.za/nanomedicine-registration-page/>

ORGANISING COMMITTEE

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