

Immuno-Zambia Introduction

2022



Video Credit: Gabriela Zamora-Herrera

46 students from 15 African countries including 12 participants from Zambia and additional students from Mexico, Croatia and India, plus a faculty of 21 from various African countries and Canada, Germany, France, Mexico, and USA joined in Lusaka/Zambia for the one-week interactive course on the “big four” (HIV, tuberculosis, malaria, Covid-19) from 4 to 9 December.

In addition to talks, roundtable discussions, short presentations by participants and poster sessions, the participants worked in small groups in a grant-writing exercise under supervision of faculty mentors. On the last day, each group presented their grant proposal which was evaluated by faculty judges. A great exercise for upcoming real applications!

Overall, the first full in-person course after the pandemic was a great success, thanks to a dedicated faculty, highly motivated students, and excellent organization. Special thanks are due to Bon Holtak and the Immunopaedia team for all the administrative work (including preparation of the online pre-course) to make this course possible.

Faculty	Topic	Learning Link
Dieter Kabelitz	Innate Immunity to Viral Infections	Immunity to Viral Infections
Kelly McNagny	Adaptive Immunity to Viral Infections	
Wendy Burgers	Cellular Immunity to SARS-Cov2	Immunity to Sars-CoV-2
Jinal Bhiman	Humoral Immunity to SARS-Cov2	
Rosana Pelayo	Emergency hematopoiesis: a seminal innate mechanism to fight inflammatory infectious diseases	
Kondwani Jambo	Basic Immunology of HIV	Basic Immunology of HIV
Zaza Ndhlovu	The role of tissue resident immune cells in HIV elimination	
Lishomwa Ndhlovu	HIV and cancer	
Thumbi Ndung'u	Current HIV vaccine design landscape	
Jackson Marakalala	Immunology of Tuberculosis	Immunity to Tuberculosis
Miossec Pierre	Chronic inflammation and risk of TB	
Monde Muyoyeta	Immune responses to TB in HIV infected patients	
Sam Kinyanjui	Cellular Aspects of Immunity to Malaria	Immunity to Malaria
Azza Idris Hussien	Humoral aspects to Malaria and vaccine development progress and challenges	

Faculty	Topic	Learning Link
Manuel Ritter	Schistosomiasis-Challenges to global control of this neglected tropical disease	<u>Immunity to Schistosomiasis</u>
William Horsnell	Parasitic nematodes: why should we worry about them?	<u>Immunity to Helminths</u>
Yanet Valdez	Equity, Diversity and Inclusion in Academia	<u>Equity, Diversity and Inclusion in Academia</u>