



IUIS-FAIS-SAIS IMMUNO-SOUTH AFRICA

Pretoria, South Africa | 30 September - 4 October 2024

ONE HEALTH - ZONOSIS AND COMPARATIVE IMMUNOLOGY

DAY 0: Sunday September 29, 2024

Time	Programme
14:00 - 17:30	Arrival and Registration
17:30 - 18:00	Welcome Remarks and Course Introduction Professor Theresa Rossouw & Professor Clive Gray
18:00 - 19:00	Welcome to University of Pretoria, Malaria in Southern Africa UP Dean of Faculty of Health Sciences – Professor Tiaan de Jager
19:00 - 19:30	Beckman Coulter video introduced by Gert Swanepoel and Vaula Stivaktas
19:30 - 21:00	Reception

DAY 1: Monday September 30, 2024

Time	Programme
THE ONE HEALTH APPROACH Chair: Professor Theresa Rossouw	
08:00 - 08:30	Welcome - Professor Theresa Rossouw & Professor Clive Gray Equity, diversity and inclusion Professor Monica Guzman
08:30 - 09:15	Overview of the One Health approach Professor Wanda Markotter
09:15 - 10:00	One Health in practice Dr Maria Montoya
10:00 - 10:30	Tea break
10:30 - 11:30	Impact of environmental changes on human and animal health Professor Francois Durand
11:30 - 12:00	Immunity to Viruses Dr Maria Montoya
12:00 - 13:00	Lunch
IMMUNE RESPONSES TO VIRUSES Chair: Professor Clive Gray	
13:00 - 14:00	One health aspects of coronaviruses Dr Marike Geldenhuys-Venter
14:30 - 15:00	Student group work on comparative immune responses between animals and humans to viruses
15:00 - 15:30	Tea break
15:30 - 16:00	Student group work on comparative immune responses between animals and humans to viruses
16:00 - 16:20	Similarities between human and animal responses to viruses Student Group Presentations/Case studies
16:20 - 16:40	Similarities between human and animal responses to coronaviruses specifically Student Group presentations/Case studies
16:40 - 17:00	Leveraging similarities for diagnostic approaches Student Group presentations/Case studies
17:00 - 18:00	Feedback
18:00 - 19:00	Grant writing
19:00 - 20:00	Dinner
20:00 - 21:00	Grant writing

DAY 2: Tuesday October 1, 2024

Time	Programme
IMMUNE RESPONSES TO BACTERIA Chair: Dr Sven Parsons	
08:00 - 08:45	Beckman Flow Cytometry presentation
08:45 - 09:15	Immunity to Bacteria Professor Michelle Miller
09:15 - 10:00	Immunity to TB – focus on animals Professor Michelle Miller
10:00 - 10:30	Tea break
10:30 - 11:15	Immunity to TB – focus on humans Dr Khanyisile Kgoadi
11:30 - 12:00	Discussion of the above talks All speakers
12:00 - 13:00	Lunch
13:00 - 14:30	Student group work on comparative immune responses between animals and humans to viruses
14:30 - 15:00	Tea break
15:00 - 15:20	Similarities between human and animal responses to bacteria Student Group Presentations/Case studies
15:20 - 15:40	Similarities between human and animal responses to TB specifically Student Group presentations/Case studies
15:40 - 16:00	Leveraging similarities for diagnostic approaches Student Group presentations/Case studies
16:00 - 17:00	Discussion of the above talks Students/Faculty
17:00 - 19:00	Grant writing
19:00 - 20:00	Dinner
20:00 - 21:30	Preparing poster presentations (students only)

DAY 3: Wednesday October 2, 2024

Time	Programme
IMMUNE RESPONSES TO PARASITES Chair: Professor Chris Marufu	
08:00 - 08:30	Immune response in primates Dr Lucy Ochola
08:30 - 09:00	Immunity to Parasites Professor Christine Maritz-Olivier
09:00 - 10:00	Student group work on comparative immune responses between animals and humans to parasites
10:00 - 10:30	Tea break
10:30 - 12:00	Grant writing
12:00 - 13:00	Lunch
13:00 - 18:00	Visit to Rietvleidam conservancy – game drive and drumming session
19:00 - 20:00	Dinner

DAY 4: Thursday October 3, 2024

Time	Programme
POSTER PRESENTATIONS Chair: Professor Alejandra Capozzo	
08:00 - 10:00	Poster elevator pitch (3-5 minutes each) All faculty and students
10:00 - 10:30	Tea break
10:30 - 12:00	Poster elevator pitch (3-5 minutes each) All faculty and students
12:00 - 13:00	Lunch
VACCINE/ IMMUNE DIAGNOSTICS Chair: Dr Ivy Tshilwane	
13:00 - 14:00	How to design an immunoassay under the one-health perspective Professor Alejandra Capozzo; Professor Yolandy Lemmer
14:00 - 14:30	Discussion of the above talks Students/Faculty
14:30 - 15:00	Tea break
15:00 - 17:00	Professor Yolandy Lemmer; Professor Alejandra Capozzo Assignment: Immuno diagnostic design - group work
17:00 - 19:00	Grant writing
19:00 - 20:00	Dinner

DAY 5: Friday October 4, 2024

Time	Programme
Capacity building: Oral Scientific Presentation Chair: Professor Clive Gray	
08:00 - 09:30	Grant proposal presentations (15 min per group) All faculty and students
09:30 - 10:30	Check out of accommodation
10:00 - 10:30	Tea break
10:30 - 12:00	Dr Khanyisile Kgoadi Professional development: conferences, career pathways, make presentations, applying for travel fellowships/ scholarships, writing a CV/ resume All faculty and students
12:00 - 13:00	Lunch
13:00 - 17:00	Departure

Program might be subject to some changes



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