

National Institute for Communicable Diseases (NICD) 3-week onsite rotation by Centre

5 - 23 October 2026

Division of Public Health Surveillance and Response (DPHSR): 1 Full day		
Facilitator: Yoliswa Qulu		
Monday 5 October 2026	Topic	Presenter
08:45-09:00	Welcome & DPHSR Overview	DPHSR HOD
09:00-09:30	GERMS-SA Overview	Vanessa Quan
09:30-10:30	Provincial Epidemiology Team	Lehlohonolo Chandu
10:30-11:00	Data for Health	Leigh Johnston
11:00-11:15	Break	
11:15-12:15	Notifiable Medical Conditions	Lehlohonolo Chandu
12:15-12:45	Outbreak Response	Lerato Sikhosana
12:45-13:30	Field Epidemiology Training	Hetani Mdose / Lazarus Kuonza
13:30-14:00	Break	
14:00-15:00	Emergency Operations Centre Tour of Centre	Nevashan Govender
15:00-16:15	General Discussion	Lucille Blumberg

Centre for Healthcare Associated Infections, Antimicrobial Resistance and Mycoses (CHARM): 1 Full day		
(Mycology)		
Facilitator: Dr Caroline Maluleka		
Tuesday 6 October 2026	Topic	Presenter
09:00-09:15	Introduction	Vindana Chibabhai
09:15-10:15	Clinical cases 1 and 2	Caroline Maluleka
10:15-10:45	Break	
11:45-11:15	Molecular laboratory (case 3)	Tsidiso Maphanga
11:15-11:45	Molecular laboratory (case 4)	Serisha Naicker
11:45-12:30	Break	
12:30-13:00	Group exercise to design a laboratory-based surveillance system for fungal infections	All participants supported by Pinky Manana and Caroline Maluleka
13:00-13:30	Feedback from group exercise	All
13:30-14:00	CHARM Fungal surveillance activities	Pinky Manana and Caroline Maluleka
14:00-14:15	Break	
14:15-16:00	Lab demonstration/ lab result interpretation	All
16:00-16:15	Wrap-up session	Vindana Chibabhai/Caroline Maluleka

Centre for Healthcare Associated Infections, Antimicrobial Resistance and Mycoses (CHARM): 1 Full day (AMR) Facilitator: Prof Vindana Chibabhai		
Wednesday 7 October 2026	Topic	Presenter
09:00-09:30	Overview of AMR and HAI surveillance and its importance	Vindana Chibabhai
09:30-11:00	Simulated Group Exercise: HAI Outbreak investigation	Thembekile Zwane
11:00-11:30	Break	
11:30-13:00	NGS overview and WGS Bio-informatics AMR analysis	Ruth Mogokotleng and Thabo Mohale
13:00-13:30	Lunch	
13:30-14:00	AMR Dashboard – in depth description to facility level	Caroline Maluleka
14:00-15:00	CHARM AMR Surveillance Projects	Vindana Chibabhai
15:00-15:30	GLASS/AMR CC	Vindana Chibabhai/Olga Perovic
15:30-16:00	Q & A and Wrap up	All

Centre for Emerging Zoonotic and Parasitic Disease (CEZPD): 1 Full day (Parasitology) Facilitator: Dr Charlotte Sriruttan-Nel		
Thursday 8 October 2026	Topic	Presenter
08:30-09:00	Introduction to parasitology	Charlotte Sriruttan-Nel
09:00-09:30	Parasite methodology (blood films, rapid antigen tests) and identification (malaria)	
10:00-10:15	Break	
10:15-11:00	Parasite methodology (blood films), rapid antigen test) and identification (microfilaria, trypanosoma and borrelia)	Bhavani Moodley/ Lisa Ming Sun
11:00-12:00	Vector control laboratory overview	Basil Brooke/ Givemore Muhenga
12:00-12:30	Lunch	
12:30-14:00	Parasite methodology (Formalin-ethyl acetate concentration, Ziehl Neelsen) and identification (stool & urine parasites)	Bhavani Moodley/ Lisa Ming Sun
14:00 -14:15	Break	
14:15-15:00	Interactive laboratory demonstration of clinical cases	Charlotte Sriruttan-Nel
15:00-15:30	“Guess the Parasite” Quiz	Charlotte Sriruttan-Nel/ Bhavani Moodley/ Lisa Ming Sun

Centre for Emerging Zoonotic and Parasitic Disease (CEZPD): Half day (Special Bacterial Pathogens): Facilitator: Dr Jenny Rossouw		
Friday 9 October 2026	Topic	Presenter
8:30-10:30	Overview of bacterial zoonoses (Plague/Brucellosis/Leptospirosis/Anthrax)	Jenny Rossouw
10:30-10:45	Break	
10:45-12:15	Interactive laboratory discussion of case studies	John Frean/Charlotte Srirutta-Nel
12:15-13:00	Lunch	

South African Society for Clinical Microbiology (SASCM): Half day Facilitator: Dr Warren Lowman		
Friday 9 October 2026	Topic	Presenter
13:00-14:00	Contemporary concepts in antimicrobial therapy	Warren Lowman
14:00-15:00	Antimicrobial surveillance in SA - current status	Warren Lowman

South African Society for Clinical Microbiology (SASCM): Full day (Management of Gram-Negative Infections) Facilitator: Dr Trusha Nana (Venue: Wits Medical School)		
Saturday 10 October 2026	Topic	Presenter
09:30-09:45	Welcome	Dr Trusha Nana
09:45-10:30	Approach to hospital outbreak infections	Dr Teena Thomas
10:30-11:15	An update on Schistosomiasis	Prof John Frean
10:15-11:45	Break	
11:45-12:30	Invasive Candidiasis: Clinical cases and recent updates	Dr Busi Skosana
12:30-13:15	Fungal troubleshooting in the microbiology laboratory	Dr Michael Cloete
13:15 – 14:00	Lunch	
14:00-14:45	NTMs: Laboratory diagnosis and management principles	Dr Nina von Knorring
14:45-15:30	Discussion and closing remarks	All

Centre for HIV and STI (CHIVSTI): 1 Full day (STI)		
Facilitator: Dr Ahmed Haeri Mazanderani		
Monday 12 October 2026	Topic	Presenter
08:30-10:00	The role of surveillance in STI syndromic management	Ahmad Haeri Mazanderani
10:00-10:20	Break	
10:20-11:20	STI POCT and Congenital Syphilis	Tendesayi Kufa-Chakezha
11:20-11:30	Break	
11:30-12:20	STI molecular diagnostics for surveillance and specialised reference testing – Laboratory demonstration	Etienne Muller
12:20-12:30	Break	
12:30-13:15	STI case studies - discussion	Ahmad Haeri Mazanderani
13:15-14:00	Lunch	
14:00-16:00	Laboratory practical session: STI phenotypic diagnostics-microscopy, culture identification and antimicrobial susceptibility testing; serology.	Venessa Maseko and Team

Centre for Tuberculosis (CTB): 1 Full day		
Facilitator: Dr Farzana Ismail		
Tuesday 13 October 2026	Topic	Presenter
09:00-09:15	Welcome and overview	Farzana Ismail/ Shaheed Vally Omar
09:15-10:30	Diagnostic tools for <i>Mycobacterium tuberculosis</i> : A closer look at the algorithm	Farzana Ismail
10:30-11:00	Break	
11:00-11:30	MTB Typing methods and application	Halima Said
11:30-12:30	Epidemiology of TB and Drug-resistant TB	Caroll Tshabane
12:30-13:00	Phenotypic DST (TB eXiST and Carrier method)	Lithole Makubalo
13:00-14:00	Lunch	
14:00-15:00	The Journey of <i>Mycobacterium tuberculosis</i> Drug Susceptibility Testing	Farzana Ismail/Mammello Motsei/ Yasmin Gardee
15:00-16:00	New drugs, New regimens: Update on drug Resistant TB treatment	Farzana Ismail

Centre for Tuberculosis (CTB): Half day (Morning session)		
Facilitator: Dr Farzana Ismail		
Wednesday 14 October 2026	Topic	Presenter
09:00-09:30	TB Infection Diagnostics and management (WHO guidelines)	Farzana Ismail
09:30-10:30	Case Studies and Q & A session	Farzana Ismail/ Yasmin Gardee

Final Timetable September 2026

10:30-11:00	Break	
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Centre for Enteric Diseases (CED): Half day

Facilitator: Dr Keeren Lutchminarain

Wednesday 14 October 2026	Topic	Presenter
11:00-11:45	Introduction to diarrhoeal diseases	Nicola Page
11:45-12:30	Introduction to enteric bacterial pathogens	Keeren Lutchminarain
12:30-13:30	Lunch	
13:30-14:30	Laboratory diagnosis of enteric pathogens (molecular)	Nicola Page
14:30-15:00	Viruses associated with diarrhoeal diseases	Nicola Page

Centre for Enteric Diseases (CED): 1 Full day

Facilitator: Dr Keeren Lutchminarain

Thursday 15 October 2026	Topic	Presenter
08:30-10:30	Case studies – Laboratory group exercises	CED bacteriology team
10:30-11:00	Break	
11:00-13:00	Case studies –Laboratory group exercises	CED bacteriology team
13:00-13:45	Lunch	
13:45-15:30	Case studies – Laboratory group exercises	CED bacteriology team
15:30-16:00	“Know your Enteric Diseases” Quiz	Keeren Lutchminarain / Nicola Page

Centre for Respiratory and Meningitis (CRDM): 1 Full day

Facilitator: Prof Cheryl Cohen

Friday 16 October 2026	Topic	Presenter
08:30-10:30	CRDM overview, surveillance and special studies (including Covid-19)	Cheryl Cohen
10:30-10:45	Break	
10:45-12:00	Syndromic surveillance for respiratory illness	Sibongile Walaza
12:00-13:00	Lunch	
13:00-14:30	Laboratory demonstration & discussion	Linda de Gouveia/ Mignon du Plessis
14:30-14:45	Break	
14:45-16:00	Laboratory discussion (Q&A)	Anne von Gottberg

Infectious Diseases Society of South Africa (IDSSA): Half day Facilitator: Prof Jeremy Nel - Virtual		
Saturday 17 October 2026	Topic	Presenter
08:30-09:00	Adult unknown case 1	Jeremy Nel
09:00-09:30	Adult unknown case 2	Ribka Berhanu
09:30-10:00	Paeds unknown case 1	Fikile Mabena
10:00-10:15	Break	
10:15-10:45	Adult unknown case 3	Kim Pieton
10:45-11:15	Paeds unknown case 2	Gill Sorour
11:15-11:45	Adult unknown case 4	Michelle Venter
11:45-12:00	Additional questions/discussion	

Centre for Respiratory and Meningitis (CRDM): Half day Facilitator: Prof Cheryl Cohen		
Monday 19 October 2026	Topic	Presenter
08:30-12:00	National Influenza Centre/Virus isolation and serology/sequencing – Laboratory demonstration and discussion	Amelia Buys/Nicole Wolter
12:00-13:00	Lunch	

PARALLEL AFTERNOON SESSION

Viruses associated with diarrhoeal diseases: Half day Facilitator: Prof Nicola Page		
Monday 19 October 2026	Topic	Presenter
13:00-14:30	Expanded knowledge on viruses associated with diarrhoeal disease	Nicola Page

Division of Biosafety and Biosecurity (DBB): Half day: Facilitator: Dr Jacqueline Weyer (TBC)		
Monday 19 October 2026	Topic	Presenter
14:30-15:00	Biosecurity and Bio-risk Biosafety in a BSL 3 laboratory/Tour of the TB laboratory – Laboratory Tour	Ronny Sebaka
15:00-16:00	Biosecurity and Bio-risk	Wayne Howard

Centre for HIV and STI (CHIVSTI): 1 Full day (HIV) Facilitator: Dr Ahmed Haeri Mazanderani		
Tuesday 20 October 2026	Topic	Presenter
08:30-10:00	A debate: Can South Africa achieve UNAIDS, Global Alliance and Path to Elimination Targets by 2030 - The End is Near vs The End is Nigh.	Ahmed Haeri Mazanderani
10:00-10:15	Break	
10:30-11:00	A view from the sanctuary sites: current research on HIV cure	Caroline Tiemessen
11:15-11:30	Break	
11:30-13:00	HIV vaccines – closer than ever.	Penny Moore
13:00-14:00	Lunch	
14:00-16:00	Diagnostics, Strategies and difficult cases	Ahmed Haeri Mazanderani

Centre for Vaccines and Immunology (CVI): 1 Full day Facilitator: Dr Mukhlid Yousif		
Wednesday 21 October 2026	Topic	Presenter
09:00-10:15	Measles	Sheilagh Smit
10:15-10:45	Break	
10:45-11:45	Rubella and CRS	Susan Malfeld
11:45-12:15	Cell culture – laboratory demonstration	Heleen Du Plessis/ Shelina Moonsamy
12:15-13:00	Polio isolation / serology - laboratory demonstration	Rosinah Sibiya / Shelina Moonsamy
13:00-14:00	Lunch	
14:00-14:30	Polio Video	https://www.nicd.ac.za/media/videos/polio-documentary/
14:30-15:30	Polio molecular surveillance, epidemiology	Shelina Moonsamy/ Lerato Seakamela

Centre for Vaccines and Immunology (CVI): 1 Full day Facilitator: Dr Mukhlid Yousif		
Thursday 22 October 2026	Topic	Presenter
09:00-10:00	SARS-CoV-2 surveillance from environmental samples	Victor Mabasa
10:00-11:00	Disease eradication/elimination with focus on polio/measles, and the impact of COVID on surveillance programmes	Kerrigan McCarthy
11:00-11:30	Break	
11:30-12:30	History of vaccines	Clement Adu-gyamfi
12:30-13:30	Lunch	
13:30-14:30	Immunology followed a quiz/How do we measure if a vaccine is working	Clement Adu-gyamfi
14:30-15:30	Hepatitis	Nishi Prabdhial-Sing

Centre for Emerging Zoonotic and Parasitic Disease (CEZPD): 1 Full day (Special Viro Pathogens) Facilitator: Dr Jacqueline Weyer		
Friday 23 October 2026	Topic	Presenter
08:30-09:45	Overview of viral haemorrhagic fevers	Jacqueline Weyer
09:45-10:00	Break	
10:00-10:45	VHF case studies	Jacqueline Weyer/ Lucille Blumberg
10:45-11:45	Overview of rabies	Naazneen Moolla
11:45-12:30	Rabies case studies (clinical and PEP)	Jacqueline Weyer/ Naazneen Moolla
12:30-13:15	Lunch	
13:15-14:15	Overview of arboviral disease	Jessica Coertse
14:15-15:15	The role of transmission electron microscopy in infectious disease diagnostics	Monica Birkhead