

PROVISIONAL PROGRAMME

(As on 27 October 2026 - Subject to change)

DAY 1 - Monday 30 November 2026 A Continent United in Immunology				
VENUE	Hall 8.3		Hall 8.2 / Bluebell/Watsonia	Hall 8.1
12:00	Registration Opens			
12:45	Lunch & Networking - Hall 8.1			Hall 8.1
14:00	**Keynote Speaker 1** – Unraveling tumor immune evasion and microenvironmental networks: Global insights and translational lessons from African breast cancer cohorts (*Barbara Seliger, Martin-Luther-University Halle-Wittenberg)*			
14:30	Harnessing memory CD8 T cells for anti-tumour Immunity (*Chandrashekhar Pasare, Cincinnati Children's Hospital Medical Center)*			
15:00	Beyond M1/M2: Lipids, Hypoxia, and Phagocytosis in Tumour Macrophages and Systemic Perspectives on the Mononuclear Phagocyte System *(Fernando Oneissi Martinez Estrada, University of Surrey)*			
	ORAL ABSTRACT SESSION 1.1a **CANCER IMMUNOLOGY** *Moderator:*			
15:30	Sabelo Lukhele	[106] Independent contributions of $CD4^+$ and $CD8^+$ T cells to antitumour immunity during sarcomagenesis		
15:40	Oumayma Naji	[084] Fatty Acid-Binding Protein drives TNBC progression by inhibiting $CD8^+$ T-cell function and reducing antigen presentation via suppression of IFN–STAT1 signalling		
15:50	Benjamin Ansah-Agyei	[074] DCAF13 is associated with immune dysfunction and an immunosuppressive tumour microenvironment in triple-negative breast cancer	SETUP	Exhibitors/ Catering
16:00	Naffesa A. Munim Al Sheikh	[069] NDUFB9 in breast cancer: prognostic significance, immune microenvironment association and metabolic implications		
16:10	Awa Gueye	[064] Prognostic value of $CD8^+$ T cells and natural killer cells in breast cancer		
16:20	Hamza Baddi	[090] Polyamine metabolism dysregulation predicts poor prognosis and immunosuppression in human glioma		
16:30	Betty Mbodj	[186] Molecular subtype and genetic ancestry shape myeloid infiltration in breast cancer: potential prognostic implications		
16:40	Moulaye Ali Aidara	[233] Unconventional T-cell niches are not interchangeable: subtype- and ancestry-dependent NKT and γδ T-cell signatures in breast cancer		
16:50	Edson B. I. Mongo	[146] Myeloid maturation immunophenotype as independent predictor of survival in paediatric acute myeloid leukaemia		
17:00	Aanuoluwapo H. Williams	[215] FABP5 overexpression defines an immunosuppressive tumour microenvironment and predicts poor prognosis in glioblastoma		

	OPENING PLENARY SESSION *Moderator: Prof. Clive Gray, Stellenbosch University & Prof. Theresa Rossouw, University of Pretoria (Co-Chairpersons)*	
17:10	**Welcome and Opening - Official Opening of the Congress** ANNOUNCEMENT: Founding of the FAIS Junior Community (FAIS JC)	Exhibitors/ Catering
17:40	**Keynote Speaker 2** - From African Immunology to Global Health Impact: A call towards advancing Integrated Immunology, Innovation and African-Led Solutions (*Rose Leke, Institute of Medical Research and Medicinal Plants Studies of Cameroon)*	
18:10	**Keynote Speaker 3** – To be confirmed	
18:40	Welcome Reception in Hall 8.1	Hall 8.1
20:00	CLOSE OF DAY 1	

DAY 2 - 1 December 2026 World AIDS Day - From PrEP to Cure (The Immunology of HIV, HIV-Related Infections and HIV-Exposed Uninfected Infants)					
VENUE	Hall 8.3	Hall 8.2	Bluebell/Watsonia		Hall 8.1
07:00	NOT IN USE	NOT IN USE	SATELLITE SESSION 1 07:00	How to write a paper for publication *(Frontiers in Immunology)*	Exhibitors/ Catering
	PLENARY SESSION 1 **POSITIONING HIV RESEARCH IN AFRICA** *Moderator:*				
08:30	**Keynote Speaker 4** - HIV-associated cardiovascular disease: the intersection of infection, noncommunicable and immunity (*Ntobeko Ntusi, SAMRC)*				Exhibitors/ Catering
09:00	Community Voices: Living With and Beyond HIV				
09:20	Community Voices: Living With and Beyond HIV				
09:40	Community Voices: Living With and Beyond HIV				
10:00	Mid-Morning Refreshments - Hall 8.1				Hall 8.1
	PLENARY SESSION 2 **HIV VACCINES** *Moderator:*				
10:30	**Keynote Speaker 5** - HIV vaccine development for bNAb induction (*Penny Moore, NICD/Wits)*				Exhibitors/ Catering
	PLENARY SESSION 3 **DECODING THE VIRUS: HIV PATHOGENESIS FRONTIERS** *Moderator:*				
11:00	B cell analytics to inform HIV immunogen design (*Eunice Nduati, KEMRI – Wellcome Trust Research Programme)*				Exhibitors/ Catering
11:30	Spatial Multi-Omics Mapping of HIV Reservoirs in Tissues: Uncovering Immune Architecture and Barriers to Cytolytic Clearance (*Zaza Ndhlovu, Africa Health Research Institute)*				
12:00	T cell durability and viral escape in SARS-CoV-2 *(Wendy Burgers, University of Cape Town)*				
12:30	Lunch & Networking - Hall 8.1				Hall 8.1
	PLENARY SESSION 4 **THE CURE CONVERSATION: PATHWAYS TO AN HIV-FREE FUTURE** *Moderator:*				
13:30	New insights into balancing reactivation of the latent reservoir and the competency of the immune responses (*Guido Ferrari, Duke Department of Surgery)*				Exhibitors/ Catering
14:00	From Persistence to Cure: Harnessing Immunity to Transform the Future of HIV (*Lishomwa Ndhlovu, Weill Cornell Medicine)*				
14:30	HIV Cure – to be confirmed				
15:00	**FAIS Forum/General Assembly**				
16:00	Mid-Afternoon Refreshments - Hall 8.1				Hall 8.1

VENUE	Hall 8.3		Hall 8.2			Bluebell/Watsonia		Hall 8.1
	ORAL ABSTRACT SESSION 2.1a HIV PATHOGENESIS, RESERVOIR & CURE *Moderator:*		ORAL ABSTRACT SESSION 2.1b HIV CLINICAL, MATERNAL & PAEDIATRIC IMMUNOLOGY *Moderator:*			PARALLEL SESSION 2.1c THE AFRICAN CANCER IMMUNOLOGY AND INFECTION INITIATIVE TACII *Moderator: Abdallah Badou*		
16:30	Edwin Lisimba	[123] High-dimensional analysis reveals mucosal Gag-specific CD8⁺ T-cell signatures associated with aviraemia in ART-treated people living with HIV	16:30	Doty Ojwach	[209] Antiretroviral drug exposure impairs placental angiogenesis by disrupting FXIIIA1-dependent Hofbauer cell function	16:30		Exhibitors/ Catering
16:40	Caroline Chasara	[032] Lymph node macrophage subsets as potential HIV reservoirs: insights into viral persistence in treated individuals	16:40	Sonwabile Dzanibe	[160] Dysregulated B-cell maturation among HIV-exposed uninfected infants is linked with reduced antibody functionality			
16:50	Derrick Kasozi	[206] Immune compartmentalisation between cerebrospinal fluid and meningeal exudate in fatal HIV-associated meningitis in Uganda	16:50	Zipei Wang	[155] Age-related changes in plasma complement component levels and function in children and adolescents living with HIV	16:50		
17:00	Sinethemba Bhebhe	[082] Anti-drug antibody (ADA) testing in the CAPRISA 012B clinical trial excludes ADA as a mechanism for loss of neutralisation of passively immunised CAP256V2LS	17:00	Karen Sichibalo	[187] Effect of high-dose vitamin D3 supplementation on innate immunity and neutrophil antimycobacterial responses in adolescents with HIV: results from a randomised controlled trial			
17:10	Phuti Choshi	[181] Single-cell RNA sequencing reveals divergent immune landscapes and HIV-related heterogeneity in SJS/TEN	17:10	Olayinka O. Asafa	[151] Preserving breast milk immunity in preterm infants: HIV/CMV exposure and pasteurisation effects	17:10		
17:20	-	-	17:20	-	-			
17:30	CLOSE OF DAY 2							
18:20	Busses depart from CTICC to GOLD							
19:00	GALA DINNER @ GOLD RESTAURANT							

From the moment you arrive, you're welcomed into a vibrant, sensory-rich environment. The evening will begin with a traditional handwashing ritual- symbolic of hospitality across many African cultures- setting the tone for what follows.

The dining itself is a **14-dish tasting menu**, inspired by flavours from across the continent, including regions like North Africa, West Africa, and Cape Malay cuisine. Each course is introduced with a brief explanation, giving context to the ingredients and cultural origins.

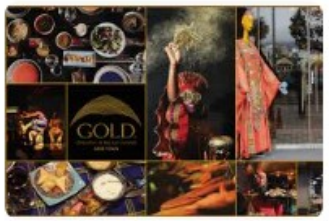
But what truly sets GOLD apart is the **live entertainment woven throughout the evening**. Performers move through the space with:

- Storytelling and praise singing
- Mali puppetry
- Energetic dance performances representing different African traditions

Expect:

- A cultural showcase rather than a quiet fine-dining meal.
- A social, high-energy evening.
- A broad introduction to African cuisine in one sitting.








DAY 3 - 2 December 2026 Bacterial, Parasitic, Fungal, Cancer & African Vaccine Manufacturing							
VENUE	Hall 8.3	Hall 8.2		Bluebell/Watsonia			Hall 8.1
07:00	NOT IN USE	NOT IN USE		SATELLITE SESSION 2			Exhibitors/ Catering
				07:00	Immunopaedia		
	PLENARY SESSION 5 *Moderator:*						
08:30	**Keynote Speaker 6** - Maternal environment shapes divergent neonatal immune landscapes (*Clarissa Prazeres da Costa, Technical University of Munich)*						Exhibitors/ Catering
09:00	Roundtable Discussion – *ATLAS*						
	PLENARY SESSION 6 CHANJO HUB: CATALYSING VACCINE & BIOLOGICS MANUFACTURING IN AFRICA *Moderator: Faith Osier*						
10:00							Exhibitors/ Catering
10:30							
11:00							
11:30	Mid-Morning Refreshments - Hall 8.1						Hall 8.1
	PLENARY SESSION 7 LIFE'S FIRST FRONTIER: REPRODUCTIVE IMMUNOLOGY *Moderator:*						
12:00	Viral Infections and the Placenta: Interrogating a Black Box (*Rana Chakraborty. University of Miami, Miller School of Medicine)*						Exhibitors/ Catering
12:30	Topic To be confirmed (*Bernard Kanoi, Mount Kenya University)*						
13:00	The impact of early-life CMV on immune development and health outcomes *(Helen Payne, Imperial College London)*						
	PLENARY SESSION 8 MACROPHAGES AND CANCER *Moderator:*						
13:30	**Keynote Speaker 7** - Biology of Tissue Resident Macrophages *(Florent Ginhoux, Gustave Roussy)*						Exhibitors/ Catering
14:00	Lunch & Networking - Hall 8.1			Bluebell/Watsonia			
				SATELLITE SESSION 3			
				14:00	Treatment and Management of Inborn Errors of Immunity (FOCIS/IPOPI)		
	PARALLEL SESSION 3.1a FUNGAL IMMUNITY *Moderator:*	PARALLEL SESSION 3.1b FOCIS FORUM: CLINICAL IMMUNOLOGY IN ACTION *Moderator: Lucy Ochola*		ORAL ABSTRACT SESSION 3.1c TB IMMUNOLOGY & BIOMARKERS *Moderator:*			
15:00	C-type lectins in Immunity *(Gordon Brown, University of Exeter)*	15:00	From base camp to Table Mountain: Inborn errors of immunity and the balance between defence and tolerance *(Elena Hsieh, University of Texas Southwestern)*	15:00	Ahlisha M. Chetty	[031] Targeted multiplex RT-qPCR recapitulates RNA-seq-defined blood immune pathway perturbations in symptomatic and asymptomatic tuberculosis	
15:20	Caught in the crossfire: decoding the host response in viral–fungal infections to reveal new therapeutic strategies *(Greetje Vande Velde, Faculty of Medicine, KU Leuven)*	15:30	Topic to be confirmed *(Florent Ginhoux, Gustave Roussy)*	15:10	Nuraddin Nasir Goronyo	[124] Serum and saliva host immune biosignatures for the diagnosis and treatment monitoring of pulmonary tuberculosis	
				15:20	Setjie Welcome Maepa	[214] Characterisation of neutrophil-mediated inflammation in TB pathogenesis	

	PARALLEL SESSION 3.1a BATTLING THE INVISIBLE: PARASITIC IMMUNITY *Moderator:*		PARALLEL SESSION 3.1b FOCIS FORUM: CLINICAL IMMUNOLOGY IN ACTION *Moderator:*			ORAL ABSTRACT SESSION 3.1c TB IMMUNOLOGY & BIOMARKERS *Moderator:*			
15:40	[219] Pattern Recognition Receptor co-signalling triggers Pneumocystis species recognition and clearance *(Jennifer Hoving, University of Cape Town)*		16:00	Topic to be confirmed *(Alexis Kalergis, Pontificia Universidad Católica de Chile)*		15:30	Noxolo Ntuli	[061] The effect of long non-coding RNA-810 on murine macrophages during Mycobacterium tuberculosis infection	Exhibitors/ Catering
						15:40	Chaouki Benadessalem	[120] Interleukin-15 correlates with cytotoxic immune networks in cervical tuberculous lymphadenitis	
	PARALLEL SESSION 3.2a ALLIES AND ADVERSARIES: BACTERIAL IMMUNOLOGY *Moderator:*		16:30	On the evolution of Translational Medicine: From reductionist to high dimensional approaches - The case of immunotherapy *(Salvatore Albani, Duke-NUS Medical School)*		PARALLEL SESSION 3.2c VIRAL VACCINES *Moderator: Wendy Burgers*			
16:00	TB vaccines and immune correlates of protection *(Elisa Nemes, University of Cape Town)*					16:00	Development of an affordable RSV mRNA-LNP vaccine for low- and middle-income countries *(Emanual Margolin, Afrigen Biologics and Vaccines)*		
16:20	Defining immune responses associated with risk of TB *(Erica Andersen-Nissen, HIV Vaccine Trials Network)*					16:20	Pan Influenza vaccines *(Sandiswa Mbengwa)*		
16:40	Molecular determinants of TB lung damage *(Mohlopheni Marakalala, SAMRC Centre for TB Research)*					16:40	Mpox vaccine developed with Afrigen and CSIR *(Roanne Keeton)*		
17:00	Mid-Afternoon Refreshments - Hall 8.1								
	ORAL ABSTRACT SESSION 3.3a HELMINTHS & PROTOZOA *Moderator:*		ORAL ABSTRACT SESSION 3.3b TB VACCINES & HOST-DIRECTED THERAPY *Moderator:*			ORAL ABSTRACT SESSION 3.3c IMMUNOGENETICS, PRIMARY IMMUNODEFICIENCY, FUNGAL & TECHNOLOGY			
17:20	Ophélie Piedfort	[098] Helminth excretory-secretory products impair dendritic cell responses and vaccine-induced $CD8^+$ T cell immunity	17:20	Nafsika Panagiotopoulou	[199] High-endothelial venules represent a vaccine-inducible backdoor for homing of T cells in Mycobacterium tuberculosis lung lesions	17:20	Brian M. Ogoti	[134] Immunogenetic profiling of the first Kenya Reference Genome Initiative pilot: HLA diversity and compounding drug-safety risk across nine ethnolinguistic communities	Exhibitors/ Catering
17:30	Mireille Kameni	[126] Plasma tyrosine–dopaminergic pathway perturbation as an immunometabolic signature of asymptomatic Schistosoma mansoni infection	17:30	Rasmus Mortensen	[203] A role for vaccine-induced Th17 cells in non-redundant protection against M. tuberculosis	17:30	Catherine Wairuru	[137] Integrated immunogenomic profiling of HLA, KIR and antigen-processing diversity relevant to vaccine design and immune-mediated drug safety using 123 Kenyan genomes	
17:40	Yana Debie	[081] A history of hookworm infection promotes regulatory monocytes in the airway to protect against a pneumovirus-induced respiratory disease	17:40	Cecilia Lindestam Arlehamn	[224] Immunogenicity of the novel TB vaccine H107e/CAF®10b in BCG-exposed, Mtb-uninfected adults in South Africa	17:40	Alaine Marsden	[037] Novel immunogenetic variant discovery in the antibody loci of African individuals	
17:50	Ghazal Nozari	[051] Investigation of the IL-4-induced program of activation and expansion of memory-phenotype T cells during helminth infection	17:50	Naffie Top	[028] Host iron regulatory polymorphisms influence Mycobacterium tuberculosis complex growth, oxidative stress and responses to iron-targeted therapies	17:50	Marouba Cisse	[059] A cell surface proteomic atlas reveals socioeconomic status-associated immune diversity	
18:00	Rebeng A. Helms	[150] Characterising a role for interleukin-4 induced gene 1 expression in mediating host immunity during cutaneous Leishmania infection	18:00	-	-	18:00			

	ORAL ABSTRACT SESSION 3.3a HELMINTHS & PROTOZOA *Moderator:*		PARALLEL SESSION 3.4b BATTLING THE INVISIBLE: PARASITIC IMMUNITY *Moderator:*		PARALLEL SESSION 3.4c FROM LAB TO MARKET (Roanne)	
18:10	Nada Aziz	[192] Single-Cell Multi-Omics Reveals Sex-Divergent Immunodynamics Driving Chronic Fibrosis and Mortality in Schistosomiasis	18:00	Going virtual as a memory-phenotype T lymphocyte *(Benjamin Dewals, Uliège)*	18:10	Topic to be confirmed *(Jonathan Blackburn, University of Cape Town)*
	PARALLEL SESSION 3.4a SPONSORED TALK SESSIONS *Moderator:*		18:20	Regular Mass drug administration of Praziquantel to boost anti-schistosome immunity: Preclinical and clinical evidences *(Justin Komguep, Institute of Medical Research and Medicinal Plants Studies of Cameroon)*	18:40	Topic to be confirmed *(Michelle Mulder, SAMRC)*
18:20	Sartorius		18:40	Topic to be confirmed *(Bernard Kanoi, Mount Kenya University)*	19:10	Discussion
18:40			19:00	-		
19:00						
19:20	CLOSE OF DAY 3					

DAY 4 - 3 December 2026 Frontiers of Immunology - Malaria, Vaccines, Unconventional Lymphocytes & the Next Generation				
VENUE	Hall 8.3	Hall 8.2	Bluebell/Watsonia	Hall 8.1
	PLENARY SESSION 9 FRONTIERS OF IMMUNOLOGY *Moderator:*			
08:30	**Keynote Speaker 8** - Genetics, Viruses, and B cells: The Cause of Multiple Sclerosis (*David Hafler, Yale School of Medicine)*			Exhibitors/ Catering
09:00	**Keynote Speaker 9 -** Immune Dysregulation in Cardiovascular Disease: Bridging Research Between Africa and the Global North *(Pasquale Maffia, University of Glasgow)*			
	PLENARY SESSION 10 THE OLDEST ENEMY: MALARIA IMMUNOLOGY *Moderator:*			
09:30	Regulation of Inflammation and Vascular Pathology in Cerebral Malaria *(Robin Stephens, Rutgers University)*			Exhibitors/ Catering
10:00	The Oldest Enemy: Malaria Immunology (*Simon Kariuki, Kenya Medical Research Institute/Centre for Global Health Research)*			
10:30	Mid-Morning Refreshments - Hall 8.1			Hall 8.1
	PLENARY SESSION 11 PUSHING THE FRONTIERS OF IMMUNOLOGY: THE ROLES OF JUNIOR AND EARLY CAREER RESEARCHERS IN AFRICA *Moderator: Abubakar Woziri & Wasihun Belayneh*			
11:00	ROUNDTABLE DISCUSSION - FAIS JUNIOR COMMUNITY Reshaping the Future of Immunology in Africa: Challenges and Opportunities for Junior and Early Career Researchers in an Era of Global Funding Cuts			Exhibitors/ Catering
12:30	Lunch & Networking - Hall 8.1			Hall 8.1

	ORAL ABSTRACT SESSION 3.6a VACCINES & VIRAL IMMUNOLOGY *Moderator:*		ORAL ABSTRACT SESSION 3.6b MALARIA IMMUNOLOGY *Moderator:*			ORAL ABSTRACT SESSION 3.6c AUTOIMMUNITY, ALLERGY & VASCULAR IMMUNOLOGY *Moderator:*			
13:30	Alex Sigal	Outsmarting Invisible Invaders: Viral Immunology Chikangunya virus	13:30	Gloria N. Juma	[047] Residence in a malaria-endemic setting is associated with persistent low-grade inflammation and suppression of the insulin-like growth factor (IGF) axis	13:30	Sabelo Hadebe	[225] Interleukin 4-induced gene 1 regulates Type 2 allergic airway inflammation by inhibiting metabolic oxidative stress responses	
13:50	Eka Patricia Kisali	[133] African heritage diet modulates innate immune responses and improves vaccine responsiveness in overweight and obese Tanzanian adults: a randomised proof-of-concept trial	13:40	Anneth-Mwasi Tumbo	[235] Immune activation and magnitude and breadth of Plasmodium falciparum antigens in malaria pre-exposed volunteers with or without HIV infection during PfSPZ vaccination and controlled human malaria infection	13:40	Doudou Georges Massar Niang	[014] Building an integrated autoimmune diseases immunodiagnostic platform in Senegal: a resource-adapted model for African health systems	
14:00	Godwin Tembo	[029] PCV13-induced B cells produce serotype 6B but not serotype 3 capsule-specific IgG antibodies in young Malawian adults	13:50	Sarah Kituyi	[012] Immunomodulatory roles of Plasmodium falciparum heat shock proteins in paediatric severe malarial anaemia	13:50	Dié Astou Cissé	[068] Beyond RF and anti-CCP: a 10-marker panel reveals heterogeneous autoantibody profiles in suspected rheumatoid arthritis in Senegal	
14:10	Palesa S. Masake	[097] Production, characterisation and immunogenicity testing of novel SARS-CoV-2 BA.2.86-based mRNA vaccines	14:00	Ssemwanga Moses	[131] Plasmodium falciparum circumsporozoite protein-specific IgG titres and their determinants in HIV-infected, HIV-exposed uninfected and HIV-unexposed children under five in high-transmission Eastern Uganda	14:00	Charles Arama	[022] Autoantibody profiling in patients suspected of having autoimmune diseases at the Charles Mérieux-Mali Infectiology Center	Exhibitors/ Catering
14:20	Afrah Khairallah	[188] Host proteins associated with strong neutralising SARS-CoV-2 antibody responses in a South African cohort	14:10	Christiane Josiane Wamen Donkeu	[222] PfTIP secretion and immune modulation in Plasmodium falciparum	14:10	Dr Sarah Pedretti	[057] Acute endovascular inflammatory activation in angiotensin-converting enzyme inhibitor-induced angioedema in a South African cohort	
14:30	Hillary Tene	[049] Variant-specific antibody responses and immunoglobulin repertoire diversity following SARS-CoV-2 infection in Cameroonian patients	PARALLEL SESSION 3.7b ALLERGOLOGY *Moderator:*			14:20	Rachael Gachogo	[046] Urinary protein biomarkers of angiotensin-converting enzyme inhibitor-induced angioedema (AE-ACEI) in an African population	
14:40	Helen Payne	[184] Transcriptomic signatures of innate immune dysregulation and myeloid activation are associated with hearing loss and neurological injury in congenital cytomegalovirus	14:20	Oropharyngeal angioedemas: a multisystem problem at the endothelium *Jonathan Peter, University of Cape Town*		14:30			
14:50	Brandon Antony Paarwater	[234] Immunity to human cytomegalovirus in pregnant women living with and without HIV co-infection	14:40	Microbiome linked rural-urban differences in allergy in South African children *Michael Levin, University of Cape Town*		14:40			
15:00			15:00	[232] Interleukin 4-induced gene 1 is a major tryptophan catabolising enzyme that regulates Type 2 immunity in a tissue-specific manner *Sabelo Hadebe, University of Cape Town*		14:50			
15:10						15:00			
						15:10			
15:20	Mid-Afternoon Refreshments - Hall 8.1								Hall 8.1

	CLOSING PLENARY SESSION *Moderator:*	
16:00	Official Launch of the FAIS Junior Community (FAIS JC) - Unveiling of the inaugural FAIS JC Leadership and Board Members	NOT IN USE
16:30	Cape Town Declaration and Handing over to New Executive - Hand-over to incoming President/Next Host	
17:00	Closing of FAIS 2026 Congress & Awards	

With appreciation to our sponsors

POSTER PROGRAMME

(Subject to change)

ABSTRACT NR	THEME	NAME	SURNAME	TITLE
001	HIV & AIDS	Bronwyn L.	Ramsamy	Mechanisms Driving Colorectal Cancer (CRC) formation and differentiation in people with HIV (PWH)
003	Cancer immunology	Aviwe	Ntsethe	Impact of Protein Kinase C Activation and Monoclonal Antibodies on Immune Checkpoint Regulation and B Cell Function in Patients with Chronic Lymphocytic Leukemia
015	Cancer immunology	Doudou Georges Massar	Niang	TLR4 loss-of-function variants and neoadjuvant chemotherapy response in Senegalese women with breast cancer: exploratory evidence for African precision immunotherapy
025	Viral infections & vaccines	Abubakar Ojone	Woziri	Computational Evidence of Group A Rotavirus Viral Proteins Interaction with Host Receptors: Insights into Implications for Cross-species Rotavirus Vaccine Development in Africa
027	Autoimmunity & allergy	Aanuoluwapo H.	Williams	Serological And Molecular Profiling Of Selected Autoimmune Markers And Complement Factors Activity In Patients With Treatment-Resistant Schizophrenia
034	Helminths & other parasites	Alisha	Chetty	Migration of intestinal CD4+ T cells promote vaginal eosinophil accumulation following hookworm infection
042	Autoimmunity & allergy	Frédéric Christian	Diaz	Profile of Lymphocytic and Granulocytic Activities in senegalese patients with Atopic Dermatitis According to Disease Duration
045	Autoimmunity & allergy	Bineta	Ndiaye	Immunodetection of TSH-Receptor antibodies: A monocentric comparative study between ELISA and CLIA in Senegal
048	Tuberculosis	Vita	Nyasulu	BCG vaccination reshapes monocyte crosstalk in the immune microenvironment
052	Helminths & other parasites	Georgios	Petrellis	Helminth infection enhances host susceptibility to gammaherpesvirus coinfection via IL-4Rα-dependent changes in airway macrophages leading to syndecan 4 upregulation and impaired IFN-I response
058	Autoimmunity & allergy	Bineta	Ndiaye	Organ-specific autoimmunity: Insights on serological profiles of gastrointestinal and hepatic autoimmune diseases in Senegal
066	Tuberculosis	Elizabeth	Hlagala	The role of *Pneumocystis murina* in shaping host immunity and disease outcomes during viral (Pneumonia virus of mice) and bacterial (*Mycobacterium tuberculosis*) co-infection in mice
070	Autoimmunity & allergy	Adame	Diouf	High frequency of anti-Sm antibodies in an ANA-positive cohort: preliminary contribution of a method comparison study for anti-dsDNA detection
072	Immune mechanisms, diagnostics & innovation	Adame	Diouf	Impact of pre-analytical factors on antinuclear antibody testing by ELISA
080	HIV & AIDS	Mizinga Jacqueline	Tembo	The effect of *in vitro* vitamin D on CMV-specific T cell immune activation in adolescents living with HIV
083	HIV & AIDS	Amy	Parnell	CMV-associated immune alterations in young adults with perinatally-acquired HIV
087	Helminths & other parasites	Jeanne-Philippine	Mutangilayi	Uncovering the mechanisms regulating virtual memory T cells during helminth infection and bacterial coinfection
107	Immune mechanisms, diagnostics & innovation	Robert K.	Nyirenda	Shared and Site-Specific Immune Architecture Across Human Nasal and Female Genital Tract Mucosa
115	Bacterial & fungal infections	Lucian	Duvenage	Live-cell imaging reveals M1 macrophages restrict *Emergomyces africanus* intracellular replication
119	Cancer immunology	Vania T. A.	Maphossa	Fatty acids profile and association with acute leukemia survival in a Mozambican Pediatric Oncology Hospital Ward
127	HIV & AIDS	Andrea	Prinsloo	T-cell and monocyte immune dynamics in pregnant women living with HIV
136	Tuberculosis	Ndubuisi Johnkennedy	Madufor	Towards Simplified Immune Monitoring Using an Integrated Microfluidic Platform for Point-of-Care TB Diagnostics
138	Tuberculosis	Anneta F.	Naidoo	Optimization of an Intracellular Cytokine Staining (ICS) assay for detection of Th1 and Th17 cells to assess Mycobacterium tuberculosis vaccine responses in clinical trials
140	HIV & AIDS	Blessing	Moses	Assessing the impact of HIV exposure on T-cell responses to BCG vaccine in South African infants
148	HIV & AIDS	Joseph A.	Phiri	Persistent epithelial cell transcriptomic reprogramming in the nasal mucosa of PWH on long-term antiretroviral therapy
153	Viral infections & vaccines	Esemu Livo	Forgu	Early inflammation-driven damage and viral persistence associated with prolonged hepatic stress in a Cameroonian cohort of COVID-19 patients
164	HIV & AIDS	Wealth E.	Okete	HIV exposure alters anti-RSV antibody decay and protective breadth in infants
166	HIV & AIDS	Tafadzwa	Chimbetete	Spatial mapping of the skin immune microenvironment across HIV-related immunosuppression and antiretroviral therapy-mediated immune reconstitution.
172	Immune mechanisms, diagnostics & innovation	Salma	Sohbi	Development of an AI-powered chatbot for improving access to immunology knowledge on the Immunopaedia platform
179	HIV & AIDS	Nicole	Prins	CYTOMEGALOVIRUS INFECTION IN HIV-EXPOSED PRETERM INFANTS
182	HIV & AIDS	Carine	Kilola	Proteomic Profiling Identifies Paraoxonase-1 as a Potential Biomarker Linking Antiretroviral Therapy Timing to Placental Dysfunction in Pregnancies Affected by HIV

191		Tafadzwa	Nerwande	The impact of inflammatory and metabolite breast milk profiles associated with maternal HIV on infant growth and development
195	Viral infections & vaccines	Zesuliwe	Jule	Omicron Reinfections Occur Without Loss of Neutralizing Antibodies or Respiratory Virus Immunity
198	Tuberculosis	Zizipo	Dlangayiya	Investigating the role of metallothionein (MT) genes in *Mycobacterium* tuberculosis killing by human myeloid cells
201	Immune mechanisms, diagnostics & innovation	Sadia	Tina	Pharmacological, Biological and Phytochemistry properties of Moroccan and Malian plant extracts from west and north Africa
202	Viral infections & vaccines	Eric	Ndombi	COVID-19 Pandemic Legacy: The Twin Challenge of Long COVID and Vaccine Hesitancy in the African context
208	HIV & AIDS	Levanco K.	Asia	Prevalence of HIV-1 Vpr amino acid variants associated with disease progression in cART-experienced South African people living with HIV
213	HIV & AIDS	Valencia M.	Chauke	Maternal integrase strand transfer inhibitor versus protease inhibitor use differentially shapes meconium composition in infants exposed to HIV
223	Maternal, neonatal & child immunology	Raymondo	Tossou	Optimization of Breast-Milk Macrophage Isolation, Polarization, and Functional Assessment for Maternal–Infant Immunology Studies
227	Immune mechanisms, diagnostics & innovation	Vishalini	Pillay	Clinical significance of the infiltration of leukocytes into seminal plasma and the downstream effects on sperm cells
236	HIV & AIDS	Carine	Kunsevi-Kilola	Maternal Plasma Proteomics Identifies PON1 as a Candidate Biomarker Linking HIV/ART Exposure to Placental Injury: A Pilot Study
238	HIV & AIDS	Tariq R.	Webber	Cytokine Dynamics Across Gestation in Pregnancies Complicated by HIV and Antiretroviral Therapy