

## SAIS CONFERENCE 2010 PROGRAMME

### SUNDAY 5TH DECEMBER

<b>17:00</b>		REGISTRATION OPENS	
<b>18:00 - 19:30</b>		WELCOME SESSION	<b>CHAIR: WILLEM HANEKOM, UCT</b>
	<b>18:15</b>	IMMUNOLOGY UNDER THE AFRICAN SUN	<b>ROBERT WILKINSON, UCT</b>
	<b>18:45</b>	T CELL TOLERANCE, AUTO-IMMUNITY AND IL-2	<b>ABUL ABBAS, SAN FRANCISCO</b>
	<b>19:15</b>	SAIS UPDATE	<b>WILLEM HANEKOM, UCT</b>
<b>19:30-21:00</b>		<i>SAIS COCKTAIL FUNCTION</i>	

### MONDAY 6TH DECEMBER

<b>08:00</b>		REGISTRATION OPENS	
<b>08:30</b>		WELCOME FROM THE IUIS	<b>STEFAN KAUFMANN, BERLIN</b>
<b>8:40-10:45</b>		WORKSHOP: BIOMARKERS IN TB. FUNDED BY THE BILL AND MELINDA GATES FOUNDATION	<b>CHAIR: GERHARD WALZL, SU</b>
	<b>08:40</b>	THE HOST RESPONSE AGAINST TUBERCULOSIS AS BLUEPRINT FOR VACCINE AND BIOMARKER DESIGN	<b>STEFAN KAUFMANN, BERLIN</b>
	<b>09:05</b>	CORRELATES OF RISK OF TB DISEASE, FOLLOWING NEWBORN VACCINATION WITH BCG	<b>WILLEM HANEKOM, UCT</b>
	<b>09:30</b>	BIOMARKERS FOR DIFFERENT FORMS OF TUBERCULOSIS	<b>GERHARD WALZL, SU</b>
	<b>09:55</b>	REGULATION OF THE IMMUNE RESPONSE IN TUBERCULOSIS: LESSONS LEARNED FROM MOUSE MODELS AND HUMAN DISEASE	<b>ANNE O'GARRA, LONDON</b>
	<b>10:10</b>	DISCUSSION	
<b>10:45-11:15</b>		TEA	
<b>11:15-12:45</b>		CONGENITAL IMMUNE DEFICIENCY AND EARLY LIFE INFECTION	<b>CHAIR: MONIKA ESSER, SU</b>
	<b>11:15</b>	PRIMARY IMMUNODEFICIENCIES IN DEVELOPING COUNTRIES - DIAGNOSTIC CHALLENGES	<b>MONIKA ESSER, SU</b>
	<b>11:45</b>	PRIMARY IMMUNODEFICIENCY DISEASES (PID): EARLY PRESENTATION, CLINICAL ASSESSMENT, MOLECULAR APPROACH AND THERAPEUTIC OPTIONS	<b>HANS OCHS, SEATTLE</b>
	<b>12:15</b>	LONGITUDINAL CHANGES IN BCG-INDUCED CYTOTOXIC T CELLS OVER THE FIRST YEAR OF LIFE	<b>ANDREIA SOARES, UCT</b>
	<b>12:30</b>	CALCIUM-DEPENDENT POTENTIATION OF THE PROTECTIVE FUNCTIONS OF HUMAN NEUTROPHILS BY TIGECYCLINE IN VITRO	<b>RIANA COCKERAN, UP</b>
<b>12:45-13:45</b>		LUNCH	

<b>13:45-15:00</b>		SPECIAL SESSION FOR STUDENTS AND POSTDOCS: FUNDING OPPORTUNITIES AND GRANT WRITING TIPS	<b>FRANK BROMBACHER, ROBERT WILKINSON, UCT</b>
<b>15:00-15:30</b>		TEA	
<b>15:30-17:30</b>		HIV	<b>CHAIR: MELINDA SUCHARD</b>
	<b>15:30</b>	THE ONTOGENY OF T CELL RESPONSES DURING HIV INFECTION	<b>CLIVE GRAY, NICD</b>
	<b>16:00</b>	INNATE IMMUNE PROTECTION FROM HIV-1 INFECTION: LESSONS LEARNED FROM NATURAL KILLER CELLS	<b>WILLIAM CARR, UKZN</b>
	<b>16:30</b>	MATERNAL-INFANT HIV-1 TRANSMISSION: MODEL FOR THE STUDY OF PROTECTIVE IMMUNITY	<b>CAROLINE TIEMESSEN, NICD</b>
	<b>17:00</b>	A PILOT STUDY OF HIV EXPOSED UNINFECTED AND UNEXPOSED INFANTS IN THE WESTERN CAPE	<b>CORINA DE BEER, SU</b>
	<b>17:15</b>	CHARACTERISATION OF INNATE IMMUNE MATURATION DURING THE FIRST 9 MONTHS OF LIFE	<b>MUKI SHEY, UCT</b>
<b>18:00-19:30</b>		COCKTAIL FUNCTION. SPONSORED BY THE CLINICAL INFECTIOUS DISEASE RESEARCH INSTITUTE	

<b>TUESDAY 7<sup>TH</sup> DECEMBER</b>			
	<b>08:30</b>	BASIC IMMUNOLOGY, IMAGING AND HELMINTHS	<b>CHAIR: BILL HORSNELL, UCT</b>
<b>10:30-11:00</b>	<b>09:00</b>	ACETYLCHOLINE SIGNALLING VIA MUSCARINIC RECEPTORS AND IMMUNITY TO INFECTION	<b>BILL HORSNELL, UCT</b>
	<b>09:30</b>	DEATH RECEPTOR-INDUCED APOPTOSIS SIGNALLING	<b>ANDREAS STRASSER, MELBOURNE</b>
	<b>10:00</b>	BIOLOGICAL APPLICATIONS OF SUPER-RESOLUTION MICROSCOPY	<b>MUSA MHLANGA, CSIR</b>
	<b>10:15</b>	MEDROXYPROGESTERONE ACETATE ALTERS CYTOKINE EXPRESSION IN RESPONSE TO MYCOBACTERIUM BOVIS BCG IN VITRO AND IN PBMCS OF CONTRACEPTIVE USERS	<b>KATHARINA RONACHER, SU</b>
	<b>10:30</b>	THE NOVEL TB VACCINE, MVA85A, INDUCES LONG- LIVED MEMORY CD4 T CELLS WITH PROLIFERATIVE CAPACITY	<b>ONE DINTWE, UCT</b>
<b>11:00-13:15</b>		TEA. SPONSORED BY BECKMAN COULTIER	
	<b>11:00</b>	ROUND TABLE ON HOT TOPICS IN IMMUNOLOGY	<b>CHAIR: CLIVE GRAY, NICD</b>
	<b>11:15</b>	MULTIPLE HUMAN PAPILLOMAVIRUS SERUM ANTIBODIES ARE MORE EVIDENT IN WOMEN THAN MEN	<b>ZIZIPHO MBULAWA, UCT</b>
	<b>11:30</b>	PRELIMINARY STUDIES OF LUNG INNATE AND ADAPTIVE IMMUNE MECHANISMS AGAINST M. TUBERCULOSIS IN HEALTHY CONTACTS OF INDEX CASES	<b>ANKE BINDER, UCT</b>

		ROUND TABLE: HOT TOPICS IN IMMUNOLOGY	<b>ALL INTERNATIONAL SPEAKERS</b>
<b>13:15</b>		LUNCH	
<b>14:30-17:30</b>		AFTERNOON IS FREE: SAIS-SPONSORED VISIT TO CRADLE OF HUMANKIND	
		CONFERENCE BRAAI	

<b>WEDNESDAY 8TH DECEMBER</b>			
<b>08:30-10:00</b>			
	<b>08:30</b>	SESSION: ABSTRACTS AND HIV	<b>CHAIR: CAROLINE TIEMESSEN, NICD</b>
	<b>09:00</b>	ROLE OF GENITAL TRACT INFLAMMATION DURING ACUTE HIV-1 INFECTION IN DETERMINING THE RATE OF HIV DISEASE PROGRESSION	<b>JO-ANN PASSMORE, UCT</b>
	<b>09:30</b>	BROADLY NEUTRALIZING ANTIBODIES IN HIV-1 SUBTYPE C INFECTION	<b>LYNNE MORRIS, NICD</b>
	<b>09:45</b>	COMPARISON OF CROSS REACTIVE EPITOPES IN SUBTYPE A1, D AND GROUP M CONSENSUS PEPTIDES IN A CHRONIC HIV-1 INFECTED UGANDAN POPULATION	<b>SUSAN MUGABA, MRC UGANDA</b>
<b>10:00-12:00</b>		IMMUNE ACTIVATION DURING EARLY HIV INFECTION ASSOCIATES WITH THE RATE OF DISEASE PROGRESSION	<b>WENDY BURGERS, UCT</b>
<b>12:00-13:15</b>		POSTER SESSION. TEA AVAILABLE	
	<b>12:00</b>	CLOSING SESSION	
	<b>12:30</b>	PATHOGEN-MEDIATED REGULATION OF MACROAUTOPHAGY IN INNATE AND ADAPTIVE IMMUNITY	<b>CHRISTIAN MUENZ, ZURICH</b>
	<b>13:00</b>	SAIS: FINAL ISSUES	<b>WILLEM HANEKOM, UCT</b>
<b>13:05</b>		PRIZE GIVING	<b>NOELLA MOSHI, UCT</b>
		DEPARTURE	