SESSION I
08:00 -10:00  HIGHLIGHTS FROM 10 RESEARCH UNITS/DIVISIONS
Chairperson: Prof Dinky Levitt

08:00 – 08:12  Tom Boyles (Infectious Diseases)
False positive Xpert® MTB/RIF assays in previously treated patients: A cause for caution in interpreting results

08:12 – 08:24  Lara Fairall (Chronic Disease Initiative for Africa - Knowledge Translation Unit /Endocrinology)
Effectiveness of task-sharing between doctors and nurses on outcomes of non-communicable chronic disease management in primary care in South Africa: pragmatic cluster randomised controlled trial

08:24 – 08:36  Jashira Naidoo (Nephrology)
Rapidly Progressive Glomerulonephritis (RPGN) in Cape Town: What has happened in the last 40 Years?

08:36 – 08:48  Mark Sonderup (Hepatology)
Characteristics of Efavirenz Drug Induced Liver Injury - a cohort analysis

08:48 – 09:00  Tolu Oni (Public Health & Family Medicine)
Patterns of HIV, TB, and non-communicable disease multi-morbidity in peri-urban South Africa

09:00 – 09:12  Carol Hlela (Dermatology)
Mapping the epidemiology of human T cell lymphotropic virus type 1 (HTLV-1) infection in South Africa-the forgotten epidemic

09:12 – 09:24  Hannes Mouton (Pharmacology)
Mortality from adverse drug reactions in adult medical inpatients at four hospitals in South Africa

09:24 – 09:36  Stella Botha (Rheumatology)
Do patients with Rheumatoid Arthritis without exposure to biological therapy have an increased risk for tuberculosis and what are the effects of DMARD therapies?

09:36 – 09:48  Gerald Maarman (Cardiology)
Cardioprotective effect of melatonin on cardiac function and oxidative status in pulmonary arterial hypertension

09:48 – 10:00  Melissa Nel (Neurology)
Association of transforming growth factor beta 1 (TGFB1) promoter polymorphisms with myasthenia gravis related ophthalmoplegia
10:00 – 10:20  
**TEA/COFFEE (WITH POSTER MODERATION)**

**SESSION II**

10:20 – 11:20  
**HOT RESEARCH ON THE BENCHSIDE**  
Chairperson: Prof Vanessa Burch

10:20 – 10:32  
**Katalin Wilkinson (Infectious Diseases)**  
Cytotoxic mediators in paradoxical HIV-tuberculosis immune reconstitution inflammatory syndrome

10:32 – 10:44  
**Boitumelo Fanampe (Pulmonology)**  
Characterization of aptamer-based probes and the development of an electrochemical biosensor: Potential TB diagnostic tools

10:44 – 10:56  
**Anil Pooran (Pulmonology)**  
The role of IL4 and Th2-like cytokines in pulmonary tuberculosis

10:56 – 11:08  
**Naomi Walker (Infectious Diseases)**  
Invariant Natural Killer T cells in paradoxical TB-immune reconstitution inflammatory syndrome

11:08 – 11:20  
**Armin Deffur (Infectious Diseases)**  
Association Network Integration for Multiplexed Assays

**SESSION III**

11:20 – 12:32  
**HOT RESEARCH ON THE BEDSIDE**  
Chairperson: Dr Sebastiana Kalula

11:20 – 11:32  
**Graeme Meintjes (Infectious Diseases)**  
Outcomes on antiretroviral therapy salvage regimens in the Southern African private sector

11:32 – 11:44  
**David Stead (General Medicine)**  
High levels of tuberculosis-IRIS characterise intracranial mass lesions in HIV-infected patients at Groote Schuur hospital

11:44 – 11:56  
**Liezl Smith (Pulmonology)**  
Investigating transmission and infectiousness of patients with drug-resistant tuberculosis

11:56 – 12:08  
**Elizabeth Pietersen (Pulmonology)**  
Long-term outcomes of patients with extensively drug-resistant TB in South Africa – a cohort study

12:08 – 12:20  
**Greg Calligaro (Pulmonology)**  
Accuracy and impact of Xpert MTB/RIF on tracheal aspirates for the diagnosis of tuberculosis in South African intensive care units

12:20 – 12:32  
**Richard Court (Pharmacology)**  
Short term adherence tool predicts failure on second line protease inhibitor-based antiretroviral therapy
12:32 – 13:30  LUNCH AND FORUM FOR THE RISING STARS (WITH POSTER MODERATION)
Chairperson: Prof Mpiko Ntsekhe

SESSION IV
13:30 – 14:00  JACK BROCK LECTURE 2014
Chairperson: Prof Karen Sliwa (Introduction)

13:35 – 14:00  Speaker: Professor Glenda Gray, MRC President
Title: “HIV Vaccine Research: Perspectives from a Clinical Researcher”

SESSION V
14:00 – 15:00  FOCUS ON GRADUATES OF 2014
Chairperson: Professor Sandrine Lecour

14:00 – 14:10  Video introduction of the graduates
14:10 – 14:22  Suzaan Marais: HIV-associated tuberculosis meningitis
14:22 – 14:34  Ntobeko Ntusi: Cardiovascular magnetic resonance to study disease mechanism in systemic (autoimmune) rheumatic diseases
14:34 – 14:46  Gaurang Deshpande: Novel experimental model to study de novo acute heart failure
14:46 – 14:58  Katherine Antel: Role of splenectomy for immune thrombocytopenia (ITP) in the current era and in a setting of high prevalence of HIV-associated ITP

SESSION VI
15:00 – 16:00  THE RED CARPET
Chairperson: Professor Krisela Steyn

15:00 – 15:20  Prof K Dheda introduced by Dr Grant Theron
“New discoveries on tuberculosis specific biomarkers”

15:20 – 15:40  Prof N Khumalo introduced by Dr Jennifer Van Wyk
“Formaldehyde in hair-straightening products”

15:40 – 16:00  Dr D Blom introduced by Dr Karen Wolmarans
“Cholesterol lowering: from small molecules to monoclonal antibody”

16:00 – 16:20  TEA/COFFEE (WITH POSTER MODERATION)

SESSION VII
16:20 – 17:05  Thirty sixth Annual Bernard Pimstone Memorial Lecture
Chairperson: Professor Wendy Spearman

Speaker: Prof Valerie Mizrahi, Director of the Institute of IIDMM, UCT
Title: “Tuberculosis drug development: lessons learned and future prospects”

17:05  Closing remarks - Prof Bongani Mayosi
SESSION VIII
17:05

DEPARTMENTAL COCKTAIL PARTY AND AWARD CEREMONY
(TAFELBERG CONFERENCE ROOM)
Chairperson: Prof Karen Sliwa

Bernard Pimstone Prize for Laboratory Research

Department of Medicine Prize for Clinical Research

Best Poster presentation

Department of Medicine Best Publication Award

SAMJ/Department of Medicine Ralph Kirsch Golden Pen Award