

**61st Annual Academic Day
30 August 2017**

**61^{ste} Akademiese Jaardag
30 Augustus 2017**

**PROGRAMME & ABSTRACTS
PROGRAM & ABSTRAKTE**

FOREWORD

The Faculty of Medicine and Health Sciences of Stellenbosch University has a long and proud history of medical and health sciences research which stretches over a period of more than 60 years. From humble beginnings, the Faculty has grown to be one of the top health sciences faculties on the African continent, a leading research-intensive institution with extensive international collaborations, in addition to strong national and local partnerships. Our vision is to advance health and equality in South Africa and beyond, and we do this, *inter alia*, with our research, through the discovery, sharing and translation of knowledge that will promote health and development. The Faculty's strategic research focus areas (namely Infectious Diseases, Non-communicable Diseases, Mental Health and Neurosciences, Violence, Injuries, Trauma and Rehabilitation, Maternal and Child Health, and Health Systems Strengthening) are uniquely aligned to both local and international health priorities and through these themes and the associated research groupings, units, centres and institutes within our Faculty, we aim to address the major health challenges facing the African continent. This ensures that the Faculty's research activities make a difference to the health and wellness of our society as a whole.

The Annual Academic Day, which showcases and celebrates our Faculty's on-going research achievements, remains a highlight of our academic calendar, and is organized around our research focus areas to highlight the contributions that we make to each area. The Faculty's research enterprise has never been stronger, with amongst others record numbers of publications, postdoctoral fellows and PhD students and research income which has increased more than 800% over the last 10 years. Our researchers and research centres are internationally recognized and continue to attract highly prestigious awards. We are proud of our achievements and are happy that we can celebrate this by presenting some of our top recent research outputs in seven different tracks in oral and poster format.

This 61st Annual Academic Day is a time for reflection on what we have achieved, our tremendous growth and output, the major contribution that our research has made over many years to science and society, and the impact that it has on governmental, societal, economic and environmental issues. Louis Pasteur is quoted as saying "*science knows no country, because knowledge belongs to humanity and is the torch which illuminates the world*", and we feel strongly that our research should be shared with the world as it belongs to humanity. This event provides an opportunity to do just that, but also to acknowledge the commitment and hard work of our researchers and support staff, whose efforts are indispensable to the success of our research enterprise.

On behalf of the FMHS, I would like to congratulate everyone whose work has been selected for presentation this year. I also wish to express the Faculty's sincere appreciation to the organising committee who has worked tirelessly to ensure the success of the 2017 Annual Academic Day. I invite you all to share and enjoy this special event with us.

Professor Nico C Gey van Pittius
VICE DEAN: RESEARCH

VOORWOORD

Die Fakulteit Geneeskunde en Gesondheidswetenskappe van die Universiteit Stellenbosch het 'n lang en trotse geskiedenis van geneeskunde en gesondheidswetenskappe navorsing wat strek oor 'n tydperk van meer as 60 jaar. Van 'n nederige begin, het die Fakulteit gegroei tot een van die top gesondheidswetenskappe fakulteite op die Afrika-kontinent, 'n leidende navorsingsintensiewe instelling met uitgebreide internasionale samewerking, bykomend tot sterk nasionale en plaaslike vennootskappe. Ons visie is om gesondheid en gelykheid te bevorder in Suid-Afrika en elders, en ons doen dit, onder andere, met ons navorsing, deur middel van die ontdekking, deel en oordrag van kennis wat gesondheid en ontwikkeling bevorder. Die Fakulteit se strategiese navorsingsfokusareas (nl Infeksiesiektes, Nie-oordraagbare Siektes, Geestesgesondheid en Neurowetenskappe, Geweld, Beserings, Trauma en Rehabilitasie, Moeder- en Kindergesondheid, en Gesondheidsisteme Versterking) is uniek belyd met beide plaaslike en internasionale gesondheidsprioriteite en deur middel van hierdie temas en die gepaardgaande navorsingsgroepeerings, eenhede, sentrums en instellings binne ons Fakulteit, streef ons daarna om die belangrike gesondheidsuitdagings vir die Afrika-kontinent aan te spreek. Dit verseker dat die Fakulteit se navorsingsaktiwiteite 'n verskil maak aan die gesondheid en welstand van ons samelewing as 'n geheel.

Die Akademiese Jaardag, wat ons Fakulteit se voortgesette navorsingsprestasies ten toon stel en vier, bly 'n hoogtepunt van ons akademiese kalender, en word georganiseer rondom ons navorsingsfokusareas om die bydraes wat ons maak in elke area na vore te bring. Die Fakulteit se navorsingsonderneming was nog nooit so sterk nie, met onder andere rekord getalle van publikasies, nadoktorale genote en PhD-studente en navorsingsinkomste wat meer as 800% oor die afgelope 10 jaar toegeneem het. Ons navorsers en navorsingsentrums word internasionaal erken en gaan voort om hoogs gesogte toekennings te trek. Ons is trots op ons prestasies en is bly dat ons hierdie kan vier deur die aanbieding van 'n paar van ons top onlangse navorsingsuitsette in sewe verskillende bane in mondelinge en plakkaat-formaat. Die 61^{ste} Akademiese Jaardag is 'n tyd vir besinning oor wat ons bereik het, ons geweldige groei en uitsette, die groot bydrae wat ons navorsing oor baie jare tot die wetenskap en die samelewing gemaak het, en die impak daarvan op die regering, maatskaplike, ekonomiese en omgewingskwessies. Louis Pasteur is soos volg aangehaal "*wetenskap ken geen land, omdat kennis behoort aan die mensdom en dit die fakkel is wat die wêreld verlig*", en ons voel sterk daarvoor dat ons navorsing moet gedeel word met die wêreld aangesien dit aan die mensdom behoort. Hierdie gebeurtenis bied nie net 'n geleentheid om dit te doen nie, maar ook om die toewyding en harde werk van ons navorsers en ondersteuningspersoneel, wie se pogings onontbeerlik is vir die sukses van ons navorsingsonderneming, te erken.

Namens die FGGW, wil ek graag almal wie se werk gekies is vir aanbieding vanjaar gelukwens. Ek wil ook graag die Fakulteit se opregte waardering uitspreek teenoor die reëlingskomitee wat onvermoeid gewerk het om die sukses van die 2017 Akademiese Jaardag te verseker. Ek nooi julle almal uit om hierdie spesiale geleentheid saam met ons te deel en te geniet.

Professor Nico C Gey van Pittius
VISEDEKAAN: NAVORSING

**THE AAD 2017 ORGANISING COMMITTEE WOULD LIKE TO EXPRESS ITS
SINCERE APPRECIATION TO THE FOLLOWING COMPANIES FOR THEIR
PARTICIPATION AND FINANCIAL SUPPORT /
DIE AJD 2017 REËLINGSKOMITEE WIL GRAAG SY DANK EN WAARDERING
UITSPREK AAN DIE VOLGENDE MAATSKAPPYE VIR HULLE DEELNAME EN
FINANSIËLE ONDERSTEUNING**

AEC Amersham

Aspen Pharmacare

Discovery Health

ICU Medical/Abela Africa

Inqaba Biotec

Mediclinic

CIPLA

Oxford University Press

PerkinElmer

Sanofi Pasteur

Sub-Saharan Africa Regional Biospecimen Repository (SSA RBR)

TDH Medical

Whitehead Scientific

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PROGRAMME OVERVIEW / PROGRAM OORSIG

61st ANNUAL ACADEMIC DAY 2017 / 61^{ste} AKADEMIESE JAARDAG 2017

Wednesday 30 August 2017 / Woensdag 30 Augustus 2017

Morning Parallel Sessions / Oggend Parallele Sessies

08h20-11h45:	Health Systems Strengthening (Sessions 1 and 2)	Lecture Hall 7	p16
08h20-11h45:	Infectious Diseases (Sessions 1 and 2)	Lecture Hall 11	p21
08h45-11h45:	Violence, Injuries, Trauma and Rehabilitation (Sessions 1 and 2)	Lecture Hall 4	p28
08h20-11h45:	Non-communicable diseases (Sessions 1 and 2)	Main Lecture Hall	p31
10h30-11h45:	Mental Health and Neurosciences (Session 1)	JN de Villiers	p36
09h45-11h45:	Maternal and Child Health (Session 1)	Lecture Hall 12	p43

Please note there will be a Tea/Coffee and Poster Discussions break (in the Foyer between Lecture Hall 11 and 12) from 10h00-10h30 between Sessions 1 and 2 of the morning sessions

11h45-12h15: **Lunch and Posters** (Foyer between Lecture Hall 11 and 12)

Main Programme / Hoofprogram (Lecture Hall 11 / Voorlesingsaal 11)

Chair / Voorsitter: *Prof NC Gey van Pittius (Deputy Dean: Research)*

12h15-13h00: Dean's Address (including the handing over of the HD Brede Awards for TB research and Faculty Awards for Excellence in a Master's programme)
Prof Jimmy Volmink (Dean, Faculty of Medicine and Health Sciences, Stellenbosch University)

13h00-13h15: Introduction of Guest Speaker:
Prof Jimmy Volmink

13h15-14h00: Guest Speaker (see page 8)
Prof Claire Penn (Professor and Chair of Speech Pathology and Audiology, and Director: Health Communication Research Unit, University of the Witwatersrand)
Presentation title: "*Advice to the young South African scientist*"

14h00-14h30: **Tea/Coffee and Posters** (Foyer between Lecture Hall 11 and 12)

Afternoon Parallel Sessions / Namiddag Parallele Sessies

14h30-16h24:	Health Systems Strengthening (Session 3)	Lecture Hall 7	p16
14h30-15h48:	Infectious Diseases (Session 3)	Lecture Hall 11	p21
14h30-15h24:	Violence, Injuries, Trauma and Rehabilitation (Session 3)	Lecture Hall 4	p28
14h30-16h36:	Non-communicable diseases (Session 3)	Main Lecture Hall	p31
14h30-16h00:	Mental Health and Neurosciences (Session 2)	JN de Villiers	p37
14h30-18h00:	Perioperative Sciences (Session 1 and 2)	Lecture Hall 5	p40
14h30-18h00:	Maternal and Child Health (Sessions 2 and 3)	Lecture Hall 12	p43

State of the Art Presentations / Spiespuntvoordragte

- 11h15 - 11h45: AJ Brink State of the Art Lecture 1 – Non-communicable Diseases (Main Lecture Hall)
Prof Prof Helena Kuivaniemi (Division of Molecular Biology and Human Genetics)
Title: *From single-gene diseases to large scale collaborative studies on complex disorders*
- 14h30 - 15h00: State of the Art Lecture 2 - Mental Health and Neurosciences (JN De Villiers)
Prof Jonathan Carr (Division of Neurology)
Title: *A novel gene (PTRHD1) resulting in a Parkinsonian Syndrome*
- 14h30 - 15h00: State of the Art Lecture 3 - Perioperative Sciences (Lecture Hall 5)
Prof David Meyer (Division of Ophthalmology)
Title: *Intralesional Bleomycin in Ophthalmological Tumors: the Stellenbosch Experience*
- 16h30 - 17h00: State of the Art Lecture 4 - Maternal and Child Health (Lecture Hall 12)
Dr Prenavum Naidoo (Department of Paediatrics and Child Health)
Title: *Evaluating the Impact of an Xpert® MTB/RIF-based TB Diagnostic Algorithm in a Routine Operational Setting in Cape Town*
- 17h00 - 17h30: State of the Art Lecture 5 - Maternal and Child Health (Lecture Hall 12)
Prof Adrie Bekker (Department of Paediatrics and Child Health)
Title: *Prevention and treatment of perinatal and infant tuberculosis in the HIV era*
- 17h30 - 18h00: State of the Art Lecture 6 – Maternal and Child Health (Lecture Hall 12)
Dr Angela Dramowski (Department of Paediatrics and Child Health)
Title: *Small patients, big challenges: stories in paediatric infection prevention*

GUEST SPEAKER / GASSPREKER

PROF CLAIRE PENN

Title: Advice to the young South African scientist



Professor Claire Penn is a Professor and Chair of Speech Pathology and Audiology, and Director of the Health Communication Research Unit of the University of the Witwatersrand. Prof Penn is a National Research Foundation A-rated scientist who conducts research on health communication, including adult and paediatric HIV/AIDS interactions (verbal and non-verbal), ARV pharmacy interactions, informed consent in clinical trials, genetic counselling interactions, interpreting practices, interprofessional communication, efficacy of communication training for HIV counsellors, cultural beliefs and understanding of diseases. She was awarded the Order of Mapungubwe in Silver in 2007 for her excellent contribution to the field of speech and language pathology, especially in the area of linguistics, sign language, child language, aphasia and head injury and for producing ground-breaking research in understanding the complexities of human communication. She has been a visiting scholar to several international institutions such as Macquarie University in Sydney, Australia, and Case Western Reserve University in the United States, and Adjunct- and Honorary Professor to Edith Cowan University (Australia) and University of Groningen (Netherlands), respectively. In 2008 Prof Penn was named Shoprite Checkers / SABC 2 South Africa Woman of the Year for Science and Technology and in 2010 she was joint winner of the Department of Science and Technology Distinguished Woman Scientist award, amongst others.

State of the Art Presenters / Spiespuntvoordrag Aanbieders

AJ Brink State of the Art Lecture 1

Prof Helena Kuivaniemi
(Division of Molecular Biology and Human Genetics)

Title: *From single-gene diseases to large scale collaborative studies on complex disorders*



Prof Helena Kuivaniemi was born and raised in Finland and graduated from the University of Oulu with MD and PhD degrees. She received postdoctoral training at Rutgers Medical School, New Jersey, USA, and then held faculty positions at Thomas Jefferson University in Philadelphia, Wayne State University School of Medicine in Detroit, and at Geisinger Health System in Danville, USA. Prof. Kuivaniemi is a human geneticist with experience in studying both rare and common human diseases. Before joining the FMHS at Stellenbosch University in 2016 she worked on abdominal aortic aneurysms for nearly 20 years focusing on genetic studies to identify susceptibility loci. She has over 200 publications. At FMHS, Prof. Kuivaniemi is involved in neurogenetic and psychiatric genetics research projects. During the past 2 years she has also helped to put together over 20 grant applications to international funding agencies including the National Institutes of Health in the USA and the Wellcome Trust in the UK.

State of the Art Lecture 2

**Prof Jonathan Carr
(Division of Neurology)**

Title: *A novel gene (PTRHD1) resulting in a Parkinsonian Syndrome*



Prof Jonathan Carr trained at the University of Cape Town, and subsequently did a residency in Neurology at the Mount Sinai Medical Centre in New York. After completing an MSc in the genetics of Juvenile Myoclonic Epilepsy, he started working at Tygerberg Hospital and the University of Stellenbosch in 1993, where he has been ever since. On the background of a long-standing history in interest in movement disorders, he did a fellowship at the University of British Columbia in 1999, and subsequently spent sabbatical leave working on fMRI at the Scottish Brain Imaging Research Centre of the University of Edinburgh, and obtained his Ph.D. in 2009. He currently serves on the Africa Task Force committees of the Movement Disorder Society, and is associate editor of the journal Parkinsonism and Related Disorders. He is the author of more than 50 peer-reviewed articles, and is a member of the consortium, Genetic Epidemiology of Parkinson's disease, GEO-PD.

State of the Art Lecture 3

**Prof David Meyer
(Division of Ophthalmology)**

Title: Intralesional Bleomycin in Ophthalmological Tumors: the Stellenbosch Experience



Prof David Meyer has been the chairman and Head: Division of Ophthalmology, Faculty of Medicine and Health Sciences and Tygerberg Academic Hospital since 1994. Currently he also serves as the Executive HoD, Department of Surgical Sciences. He is a fellow of both the College of Ophthalmology and the College of Family Physicians of the CMSA. His PhD research was in Pharmacology with the thesis: "A Critical Appraisal of the Etiology of Adult Human Lenticular Opacification and an Investigation into the role of Metabolic Factors in its Pathogenesis" Prof Meyer was President of the College of Ophthalmologists and Senator of the Colleges of Medicine of South Africa for 6 years. He has authored/co-authored 85 scientific peer reviewed papers and published abstracts, 23 chapters in books, book editor of 3 books, current reviewer for 34 scientific journals, member of the editorial board of 3 journals and Associate Editor for one journal. He has been the promoter for 26 Masters dissertations and 4 PhD degrees with 157 national and international lectures and congress papers/posters presented. His special clinical interests include – oculoplastic, orbit and lacrimal surgery, neuro-ophthalmology, adult strabismus and ocular oncology.

State of the Art Lecture 4

Dr Prenavum Naidoo
(Department of Paediatrics and Child Health)

Title: *Evaluating the Impact of an Xpert® MTB/RIF-based TB Diagnostic Algorithm in a Routine Operational Setting in Cape Town*



Dr Pren Naidoo works part-time as a clinical advisor at the Desmond Tutu TB Centre (DTTC) and for the Bill and Melinda Gates Foundation. She managed the HIV/AIDS and TB Programmes for the City of Cape for several years. Whilst at DTTC she has led the PEPFAR TB HIV Integration Project, a health system strengthening initiative and the Operational Research Assistance Project (ORAP). This experiential learning project developed the capacity of research teams from all nine provinces to undertake operational research to improve the quality, performance and outcomes of the TB programme. She was the principal investigator on PROVE IT (Policy Relevant Outcomes from Validating Evidence on Impact), a study assessing the impact of molecular diagnostic tests on TB and MDR-TB diagnosis and treatment initiation at primary health facilities in Cape Town. She is a co-chair of the Implementation and Service Delivery Working Group of the National TB Strategic Think Tank and a board member of The Networking HIV/AIDS Community of South Africa (NACOSA).

State of the Art Lecture 5

**Prof Adrie Bekker
(Department of Paediatrics and Child Health)**

Title: *Prevention and treatment of perinatal and infant tuberculosis in the HIV era*



Prof. Adrie Bekker is a neonatologist in the Department of Paediatrics and Child Health at Stellenbosch University, Cape Town, South Africa. She has an interest in neonatal infectious diseases, was awarded a national research foundation C3 rating and completed her PhD at the University of Stellenbosch in 2016. Her PhD research focused on the prevention and treatment of perinatal and infant TB, which included novel pharmacokinetic (PK) work of TB drugs in neonates and infants. She is currently vice-chair of an international IMPAACT study that characterizes the PK of antiretroviral and antituberculosis drugs in low birth weight (LBW) infants. In 2017, she was awarded the prestigious Collaborative Initiative for Paediatric HIC Education and Research (CIPHER) fellowship to further her pharmacology and statistical abilities towards safe and effective dosing of antiretrovirals within this vulnerable population

State of the Art Lecture 6

Dr Angela Dramowski
(Department of Paediatrics and Child Health)

Title: *Small patients, big challenges: stories in paediatric infection prevention*



Dr Angela Dramowski is a Paediatric Infectious Diseases specialist with a passion for infection prevention. Her doctoral research focused on the epidemiology and determinants of healthcare-associated infection in hospitalized South African children. In 2018, Angela will begin a 4-year NIH-funded research study to develop a neonatal sepsis prevention care bundle for low-resource settings. She serves on the boards of several non-profit organisations including the Infection Control Africa Network, Bettercare and TB Proof and is deputy editor of the BMC journal Antimicrobial Resistance and Infection Control.

Full Programme / Volledige Program

Theme 1 - Health Systems Strengthening / Tema 1 – Gesondheidsisteme Versterking	p16
Theme 2 - Infectious Diseases / Tema 2 - Infeksiesiektes	p21
Theme 3 - Violence, Injuries, Trauma and Rehabilitation / Tema 3 – Geweld, Beserings, Trauma en Rehabilitasie	p28
Theme 4 - Non-communicable Diseases / Tema 4 – Nie-oordraagbare Siektes	p31
Theme 5 - Mental Health and Neurosciences / Tema 5 – Geestesgesondheid en Neurowetenskappe	p36
Theme 6 – Perioperative Sciences / Tema 6 – Perioperatiewe Wetenskappe	p40
Theme 7 - Maternal and Child Health / Tema 7 – Moeder en Kind Gesondheid	p43

Theme 1 / Tema 1

Health Systems Strengthening / Gesondheidsisteme Versterking Lecture Hall 7 / Lesingsaal 7

Welcome 08h20-08h30: TBA

FIRST SESSION / EERSTE SESSIE (Lecture Hall 7)

Session Chair / Sessie Voorsitter: TBA

- 08h30-08h45 **A SCOPING REVIEW OF INTERVENTIONS TO IMPROVE DATA QUALITY AND USE IN HEALTH SYSTEMS IN SOUTH AFRICA**
MICHELE PAPPIN
(Abstract Nr 1)
- 08h45-09h00 **AN INVESTIGATION OF EVIDENCE BASED FALL PREVENTION STRATEGIES AS IMPLEMENTED IN OLD AGE HOMES IN THE BREEDE VALLEY MUNICIPALITY**
CORNELIA KRUGER ET AL.
(Abstract Nr 2)
- 09h00-09h15 **COMMUNITY ENGAGEMENT IN HPTN 071 (POPART) TRIAL: LESSONS LEARNT FROM IMPLEMENTING A NOVEL DATA COLLECTION TECHNIQUE-PHOTO- JOURNAL**
JABULILE MANTANTANA
(Abstract Nr 3)
- 09h15-09h30 **HOSPITAL VOLUNTEERISM AS HEALTH SYSTEM RESOURCE SOLUTION: MOTIVATION FOR BOTH VOLUNTEER AND THE PUBLIC SECTOR**
GUIN LOURENS
(Abstract Nr 4)
- 09h30-09h45 **INVESTIGATION INTO THE SPORT INTERESTS REGARDING PARTICIPATION AND SPECTATORSHIP OF THE ADULTS IN BISHOP LAVIS COMMUNITY**
KATHRIN GIOIA ET AL
(Abstract Nr 5)
- 09h45-10h00 **MEASURING THE INFLUENCE OF FAMILY PHYSICIANS WITHIN THE SOUTH AFRICAN DISTRICT HEALTH SYSTEM: A CROSS-SECTIONAL OBSERVATIONAL STUDY.**
KLAUS B VON PRESSENTIN
(Abstract Nr 6)
- 10h00-10H30 **TEA AND POSTER DISCUSSIONS**

SECOND SESSION / TWEDE SESSIE (Lecture Hall 7)
Session Chair / Sessie Voorsitter: TBA

- 10h30-10h45 **RELIABILITY AND VALIDITY OF ICPC-2 FOR CODING/CLASSIFICATION OF DIAGNOSES/HEALTH PROBLEMS IN AN AFRICAN PRIMARY CARE SETTING**
ZELRA MALAN
(Abstract Nr 7)
- 10h45-11h00 **THE POSSIBLE ROLE OF ALTERNATIVE HEALTH IN SUPPORTING ART REGARDLESS OF CD4 COUNT – REFLECTIONS OF ALTERNATIVE HEALTH PRACTITIONERS IN WESTERN CAPE, SOUTH AFRICA.**
NOSIVUYILE VANQA
(Abstract Nr 8)
- 11h00-11h15 **VULA ORTHOPAEDIC EMERGENCY REFERRAL APP: A SUCCESSFUL ALTERNATIVE TO TRADITIONAL REFERRAL PATHWAYS**
RICHARD MORKEL ET AL
(Abstract Nr 9)
- 11h15-11h30 **“WHAT CAN A LAME PERSON DO?” NARRATIVES ABOUT PEOPLE WITH DISABILITIES’ AND HIV RISK AMONG PEOPLE LIVING IN HPTN 071 (POPART) STUDY COMMUNITIES**
ROSEMARY BROWN
(Abstract Nr 10)
- 11h30-11h45 **TO EXPLORE THE BELIEFS AND ATTITUDES OF PRIVATE GPs TOWARDS THE PROPOSED NHI**
SHEENA MATHEW
(Abstract Nr 11)
- 11h45-12h15 **LUNCH** (Foyer between Lecture Hall 11 and 12) and **POSTER DISCUSSIONS**
- MAIN PROGRAMME / HOOFPROGRAM** (Lecture Hall 11)
- 12h15-13h00: **DEAN’S ADDRESS** (including the handing over of the HD Brede Awards for TB research and Faculty Awards for Excellence in a Master's programme)
Prof Jimmy Volmink (Dean, Faculty of Medicine and Health Sciences, Stellenbosch University)
- 13h00-13h15: **INTRODUCTION OF GUEST SPEAKER:**
Prof Jimmy Volmink
- 13h15-14h00: **GUEST SPEAKER** (see page 8)
Prof Claire Penn (Professor and Chair of Speech Pathology and Audiology, and Director: Health Communication Research Unit, University of the Witwatersrand)
Presentation title: *"Advice to the young South African scientist"*
- 14h00-14h30: **TEA AND POSTER DISCUSSIONS**

THIRD SESSION / DERDE SESSIE (Lecture Hall 7)

Session Chair / Sessie Voorsitter: TBA

- 14h30-14h45 **VULA MOBILE APP: IMPROVING REFERRAL SYSTEMS IN THE WESTERN CAPE**
WILLIAM MAPHAM
(Abstract Nr 12)
- 14h45-15h00 **CONCEPTUALIZING COMPETENCY-BASED EDUCATION IN THE CONTEXT OF UNDERGRADUATE HEALTH PROFESSIONS EDUCATION IN SOUTH AFRICA**
MARIETTE VOLSCHENK
(Abstract Nr 13)
- 15h00-15h12 **THE DEVELOPMENT OF COMPETENCIES IN AN OUTCOMES-BASED PAEDIATRIC CURRICULUM FROM A STUDENT PERSPECTIVE**
LIEZL SMIT ET AL
(Abstract Nr 14)
- 15h12-15h24 **TRAINING OF WORKPLACE-BASED CLINICAL TRAINERS IN FAMILY MEDICINE, SOUTH AFRICA: BEFORE-AND-AFTER EVALUATION**
ROBERT MASH ET AL
(Abstract Nr 15)
- 15h24-15h36 **COUNTING THE COST: INTERACTIVE ONLINE TUTORIALS IN ANATOMY EDUCATION**
ALEXANDER KEILLER ET AL
(Abstract Nr 16)
- 15h36-15h48 **EVALUATING AN ISIXHOSA CLINICAL COMMUNICATION COURSE AT A HEALTH SCIENCES FACULTY**
MADELÉ DU PLESSIS
(Abstract Nr 17)
- 15h48-16h00 **EXPLORING THE OPTIMAL ROLE OF RESIDENCE HEADS IN PROMOTING STUDENT SUCCESS: AN INSTITUTIONAL CASE STUDY**
JOHAN GROENEWALD
(Abstract Nr 18)

- 16h00-16h12 **GENERIC SKILLS IN THE INTER-PROFESSIONAL PHASE OF THE CURRICULUM: HOW DO STUDENTS EXPERIENCE IT?**
ALWYN LOUW
(Abstract Nr 19)
- 16h12-16h24 **IT IS NOT ONLY WHAT WE DO BUT HOW WE DO IT: TRANSFORMATIVE ACTION LEARNING AS RESPONSIVE SERVICE DELIVERY**
MARTHA GEIGER ET AL
(Abstract Nr 20)
- 16h24-16h36 Closing

POSTERS / PLAKKATE

1. CAN STI SCREENING BE SUITABLY INTEGRATED INTO COMMUNITY-BASED HIV TESTING SERVICES FOR MEN IN CAPE-TOWN, SOUTH AFRICA?

MARGARET VAN NIEKERK ET AL
(Abstract Nr 21)

2. CHALLENGES FACED AND LESSONS LEARNED FROM DOING OVERVIEWS OF SYSTEMATIC REVIEWS OF COMPLEX INTERVENTIONS

ANEL SCHOONEES ET AL
(Abstract Nr 22)

3. EXPLORING THE USE OF A COUPLE'S FUNCTIONALITY ASSESSMENT TOOL IN HIGH HIV-RISK COMMUNITIES IN THE WESTERN CAPE

GINNY BOND ET AL
(Abstract Nr 23)

4. HOW WELL DO PUBLIC SECTOR PRIMARY CARE PROVIDERS FUNCTION AS MEDICAL GENERALISTS IN CAPE TOWN: A DESCRIPTIVE SURVEY.

RENALDO CHRISTOFFELS
(Abstract Nr 24)

5. INHALING RISK, EXHALING HEALTH: "A SCOPING REVIEW OF DRUG USE AND HIV RISK IN THE ERA OF UNIVERSAL TEST AND TREAT IN SOUTH AFRICA"

DIONNE CHELESE JIVAN ET AL
(Abstract Nr 25)

6. INTEGRITY IN REPORTING RESEARCH: PERSPECTIVES FROM LMIC HEALTH RESEARCHERS

ANKE ROHWER ET AL
(Abstract Nr 26)

7. MOBILITY, LABOUR MIGRATION, AND HIV SERVICE ACCESS – A CASE STUDY OF AN

HPTN 071 (POPART) STUDY COMMUNITY IN THE CAPE WINELANDS, SOUTH AFRICA.

DIONNE CHELESE JIVAN ET AL

(Abstract Nr 27)

8. POINT OF CARE TESTING AUDIT INTO THE AWARENESS AND PRACTICES OF MEDICAL STAFF AT TYGERBERG HOSPITAL: FOCUSING ON GLUCOSE, BLOOD GAS AND URINE REAGENT-STRIP MONITORING.

THUMEKA JALAVU

(Abstract Nr 28)

9. PUBLIC VS PRIVATE: WHY DO MOST SPEECH AND LANGUAGE THERAPISTS IN SOUTH AFRICA CHOOSE TO WORK IN THE PRIVATE SECTOR?

SARAH BECKETT ET AL

(Abstract Nr 29)

10. QUANTITATIVE ANALYSIS OF NEWS REPORTING ON NEW MEDICAL RESEARCH AT SIX SOUTH AFRICAN NEWSPAPERS

WILMA STASSEN

(Abstract Nr 30)

11. RESEARCH INTEGRITY IN LOW- AND MIDDLE INCOME COUNTRIES: SYSTEMATIC REVIEW OF PREVALENCE OF POOR AUTHORSHIP PRACTICE, PLAGIARISM AND OTHER MISCONDUCT

ANKE ROHWER ET AL

(Abstract Nr 31)

12. THE PERCEIVED IMPACT OF FAMILY PHYSICIANS ON DISTRICT HEALTH SERVICES IN SOUTH AFRICA: A CROSS-SECTIONAL SURVEY

KLAUS B VON PRESSENTIN (ET AL

(Abstract Nr 32)

12. THE QUALITY OF INTEGRATED HIV AND TB TREATMENT AND CARE: A SCOPING REVIEW

C. HÜSSELMANN ET AL

(Abstract Nr 33)

Theme 2 / Tema 2

Infectious Diseases/Infeksiesiektes

Lecture Hall 11 / Lesingsaal 11

Welcome 08h00-08h30: TBA

FIRST SESSION / EERSTE SESSIE

Chairperson / Voorsitter: TBA

- 08h30-08h45: **A CANINE INTERFERON- γ RELEASE ASSAY FOR THE DETECTION OF MYCOBACTERIUM BOVIS INFECTION IN AFRICAN WILD DOGS (*LYCAON PICTUS*).**
ROXANNE HIGGIT, SVEN PARSONS, MICHELE MILLER
(Abstract Nr 1)
- 08h45-09h00: **A CROSS-SECTIONAL ANALYSIS OF PERINATALLY HIV-INFECTED (PHIV) ADOLESCENTS IN A PEDIATRIC INFECTIOUS DISEASES CLINIC IN THE WESTERN CAPE.**
LINDA VAN HEERDEN
(Abstract Nr 2)
- 09h00-09h15: **CHARACTERISATION OF COLISTIN RESISTANCE MECHANISMS IN ENTEROBACTERIACEAE ISOLATES FROM TYGERBERG HOSPITAL LABORATORY**
YOLANDI SNYMAN
(Abstract Nr 3)
- 09h15-09h30: **CORONAVIRUS DIVERSITY IN THE SOUTH AFRICAN NEOROMICIA CAPENSIS BAT.**
NADINE CRONJE, NDAPEWA ITHETE, CORRIE M SCHOEMAN, WOLFGANG PREISER.
(Abstract Nr 4)
- 09h30-09h45: **DETECTION OF INDUCIBLE HIV IN CHILDREN ON ART DESPITE LOW HIV-1 DNA**
SHALENA NAIDOO, MICHELE DIANE SOBOLEWSKI, TAYLOR SIMMONS, JOSHUA CYKTOR, MELISSA TOSIANO, MARY-GRACE KATUSIIME, GERT VAN ZYL, MARK COTTON, RICHARD GLASHOFF, JOHN MELLORS
(Abstract Nr 5)
- 09h45-10h00: **EXOME SEQUENCING IDENTIFIES A NOVEL MAP3K14 MUTATION IN RECESSIVE ATYPICAL COMBINED IMMUNODEFICIENCY.**
NIKOLA SCHLECHTER, BRIGITTE GLANZMANN, BRITT-SABINA PETERSEN, EILEEN HOAL, MARDELLE SCHOEMAN, MICHAEL URBAN, MONIKA ESSER, ANDRE FRANKE, MARLO MOLLER, CRAIG KINNEAR
(Abstract Nr 6)

10h00-10h30: **TEA AND POSTER DISCUSSION**

SECOND SESSION / TWEEDE SESSIE

Chairperson / Voorsitter: TBA

10H30-10H45: **PREVALENCE OF CHRONIC HEPATITIS B IN A COMMUNITY-BASED COHORT ATTENDING OCCUPATIONAL HEALTHCARE CLINICS IN THE WESTERN CAPE PROVINCE, SOUTH AFRICA.**
NAFIISAH CHOTUN, NATALIE ACKER, WOLFGANG PREISER, MONIQUE ANDERSSON
(Abstract Nr 7)

10h45-11h00: **SYSTEMATIC REVIEW: COMMERCIAL PRODUCTS FOR PRESERVING CLINICAL SPECIMENS FOR THE DIAGNOSIS OF TUBERCULOSIS OR DRUG-RESISTANT TUBERCULOSIS (TB).**
BYRON REEVE, SALLY M MCFALL, RINN SONG, ROBIN WARREN, KAREN STEINGART, GRANT THERON
(Abstract Nr 8)

11h00-11h15: **INFECTIOUS UVEITIS IN HIV-POSITIVE AND HIV-NEGATIVE PATIENTS IN SOUTH AFRICA.**
DERRICK PETER SMIT, TONYA ESTERHUIZEN, DAVID MEYER, JOLANDA DF DE GROOT-MIJNES
(Abstract Nr 9)

11H15-11H30: **INVESTIGATING THE AGR TYPE AND AGR FUNCTIONALITY OF STAPHYLOCOCCUS AUREUS ISOLATES FROM BACTERAEMIC PATIENTS AT TYGERBERG HOSPITAL.**
AMIKE VAN RIJSWIJK, ANDREW WHITELAW, MAE NEWTON-FOOT
(Abstract Nr 10)

11h30-11h45: **INVESTIGATING THE POTENTIAL ANTI-MYCOBACTERIAL EFFECT OF NOVEL POLYCYCLIC COMPOUNDS ON MYCOBACTERIUM TUBERCULOSIS.**
HANRI VISSER, ELIZABETH M. STREICHER, ERIKA KAPP, MARGARETHA DE VOS, SAREL F. MALAN, SAMANTHA L. SAMPSON
(Abstract Nr 11)

11h45-12h15 **LUNCH** (Foyer between Lecture Hall 11 and 12) and **POSTER DISCUSSIONS**

MAIN PROGRAMME / HOOFPROGRAM (Lecture Hall 11)

12h15-13h00: **DEAN'S ADDRESS** (including the handing over of the HD Brede Awards for TB research and Faculty Awards for Excellence in a Master's programme)
Prof Jimmy Volmink (Dean, Faculty of Medicine and Health Sciences, Stellenbosch University)

13h00-13h15: **INTRODUCTION OF GUEST SPEAKER:**
Prof Jimmy Volmink

13h15-14h00: **GUEST SPEAKER** (see page 8)
Prof Claire Penn (Professor and Chair of Speech Pathology and Audiology, and Director: Health Communication Research Unit, University of the Witwatersrand)

Presentation title: "Advice to the young South African scientist"

14h00-14h30: **TEA AND POSTER DISCUSSIONS**

THIRD SESSION / DERDE SESSIE

Chairperson / Voorsitter: TBA

14h30-14h45: **NO EVIDENCE OF ONGOING HIV REPLICATION IN CHILDREN AFTER 7 YEARS ON ART**

ANN WIEGAND, ELIAS K. HALVAS, GERT U. VAN ZYL, JOHN W. MELLORS, BARBARA LAUGHTON, MARK F. COTTON, MARY F. KEARNEY, MARY GRACE KATUSIIME, SUSAN ENGELBRECHT, VALERIE F. BOLTZ, WEI SHA
(Abstract Nr 12)

14h45-15h00: **PERCUTANEOUS PERICARDIOSCOPY IN A POPULATION WITH A HIGH PREVALENCE OF TUBERCULOUS PERICARDITIS (TBP): THE POTENTIAL VALUE OF MYCOBACTERIAL DNA AMPLIFICATION IN ESTABLISHING AN EARLY DEFINITE DIAGNOSIS**

CHARLES GEORGE KYRIAKAKIS, ANDREW WHITELAW, ANTON FRANS DOUBELL, MAE NEWTON-FOOT
(Abstract Nr 13)

15h00-15h15: **PHARMACOKINETICS OF RIFAMPIN AND ISONIAZID DURING PREGNANCY AND POSTPARTUM IN SOUTH AFRICAN WOMEN.**

MARIJE VAN SCHALKWYK , ADRIE BEKKER, ERIC DECLOEDT, GERHARD B THERON, MARK F COTTON, BROOKIE BEST, EDMUND CAPPARELLI, ALICE STEK, JIAJIA WANG, MARK MIROCHNICK
(Abstract Nr 14)

15h15-15h30: **RAPID DECLINE OF TOTAL HIV DNA IN CHILDREN STARTING ART WITHIN 8 DAYS OF BIRTH.**

KIRSTEN ABIGAIL VELDSMAN, JEAN MARITZ, SHAHIEDA ISAACS, MARY GRACE KATUSIIME, HELEEN LA GRANGE, ANITA JANSE VAN RENSBURG, BARBARA LAUGHTON, JOHN W MELLORS, MARK COTTON, GERT U VAN ZYL
(Abstract Nr 15)

15h30-15h45: **USE OF THE QUANTIFERON® TB-GOLD (IN TUBE) SYSTEM TO DETECT MYCOBACTERIUM BOVIS INFECTION IN WARTHOGS (PHACOCHOERUS AFRICANUS).**

EDUARD ROOS, MICHELE MILLER , SVEN PARSONS
(Abstract Nr 16)

15h45-16h00: **B-LACTAM RESISTANCE MECHANISMS IN ENTEROBACTER SPP. ISOLATES FROM TYGERBERG HOSPITAL.**

DORA OKYERE, MAE NEWTON-FOOT, ANDREW C. WHITELAW.
(Abstract Nr 17)

POSTERS / PLAKKATE

1. **THE EFFECT OF TB INFECTION ON FAT ACCUMULATION AND ADIPOCYTE GENE EXPRESSION.**

- AUS TARIQ ALI, BIENYAMEEN BAKER, RAJIV TIMOTHY ERASMUS, RAY-DEAN PIETERSEN
(Abstract Nr 18)
2. **THE IDENTIFICATION OF NOVEL PROTEINS INVOLVED IN IRON-SULPHUR CLUSTER BIOGENESIS IN MYCOBACTERIA.**
JESSIE ARRIES, MONIQUE WILLIAMS, ROB WARREN, SAMANTHA SAMPSON
(Abstract Nr 19)
4. **INVESTIGATION OF PARKIN-MEDIATED UBIQUITINATION OF MYCOBACTERIUM TUBERCULOSIS USING CONFOCAL MICROSCOPY.**
VICTORIA COLE, GLYNIS JOHNSON, CRAIG KINNEAR, LIZE ENGELBRECHT
(Abstract Nr 20)
5. **GENETIC CHARACTERIZATION OF DRUG RESISTANT CLINICAL ISOLATES OF MYCOBACTERIUM TUBERCULOSIS CIRCULATING WITHIN NDOLA DISTRICT; A HIGH HIV PREVALENCE DISTRICT OF ZAMBIA.**
NAMAUNGA CHISOMPOLA, ELIZABETH STREICHER, ROB WARREN, SAMANTHA SAMPSON
(Abstract Nr 21)
6. **GENETIC CHARACTERISATION OF THE DASSIE BACILLUS, MYCOBACTERIUM SURICATTAE AND MYCOBACTERIUM MUNGI.**
YESSICA FITZERMANN
(Abstract Nr 22)
7. **AUTOSOMAL DOMINANT IFN- γ 1 DEFICIENCY PRESENTING WITH BOTH ATYPICAL MYCOBACTERIOSIS AND TUBERCULOSIS IN A BCG-VACCINATED SOUTH AFRICAN PATIENT.**
BRIGITTE GLANZMANN, MARCELA MONCADA-VELEZ, MARLO MÖLLER, JONNY PETER, MICHAEL URBAN, PAUL VAN HELDEN, EILEEN HOAL, NIKOLA DE VILLIERS, RICHARD GLASHOFF, JACINTA BUSTAMANTE, LAURENT ABEL, JEAN-LAURENT CASANOVA, STEPHANIE BOISSON-DUPOUIS, CRAIG KINNEAR, MONIKA ESSER
(Abstract Nr 23)
8. **FUNCTIONAL COMPARATIVE GENOMICS MYCOBACTERIUM TUBERCULOSIS: IDENTIFYING STRUCTURAL VARIATION OF BIOLOGICAL CONSEQUENCE.**
JAMES GALLANT, TIAAN HEUNIS, ROB WARREN, WILBERT BITTER, SAMANTHA SAMPSON
(Abstract Nr 24)
9. **A BIOBANK TO SUPPORT HIV MALIGNANCY RESEARCH FOR SUB-SAHARAN AFRICA.**
DIETER GEIGER, JOHANN WILHELM SCHNEIDER, MICHELINE SANDERSON, MOSTAFA NOKTA, SYLVIA SILVER
(Abstract Nr 25)
10. **HIV-1 POL-PHYLOGENETIC DIVERSITY AND DRUG RESISTANCE MUTATION PROFILE IN TWO DIFFERENT COHORTS (ADULT AND INFANTS) FROM YAOUNDÉ, CAMEROON.**
GRAEME JACOBS, JOSIAH OTWOMA GICHANA, MONDINDE IKOMEY GEORGE
(Abstract Nr 26)
11. **THE EVALUATION OF A MULTIPLEX-PCR BASED MRSA CLONAL COMPLEX TYPING METHOD.**
BIANCA LEIGH HAMMAN, MAE NEWTON FOOT, ANDREW WHITELAW
(Abstract Nr 27)
12. **ELUCIDATION OF STRAIN VARIATION IN CLINICAL MYCOBACTERIUM TUBERCULOSIS ISOLATES USING A PROTEOGENOMIC APPROACH.**

- TIAAN HEUNIS
(Abstract Nr 28)
13. **DOING THE SAME SOMETHING SO THAT WE DID NOT DO NOTHING – A CRITICAL REVIEW OF EXPERIMENTAL EVALUATIONS OF SCHOOL-BASED HIV PREVENTION INTERVENTIONS IN SOUTHERN AFRICA.**
GRAEME HODDINOTT, MARY VAN DER RIET
(Abstract Nr 29)
14. **OUTCOMES OF AIDS-ASSOCIATED KAPOSI SARCOMA PATIENTS AT THE TYGERBERG ACADEMIC HOSPITAL INFECTIOUS DISEASES CLINIC.**
ZAHIERA ISMAIL
(Abstract Nr 30)
15. **RE-WRITING THE HISTORY OF HIV-1 DIVERSITY IN SOUTH AFRICA.**
GRAEME BRENDON JACOBS, ADETAYO EMMANUEL OBASA, SUSAN ENGELBRECHT
(Abstract Nr 31)
16. **HIV-ASSOCIATED PURE MOTOR CERVICAL AND LUMBOSACRAL POLYRADICULOPATHY.**
MOHAMED KHIDER
(Abstract Nr 32)
17. **INVESTIGATION OF THE ROLE OF MYELOID-DERIVED SUPPRESSOR CELLS IN PERIPHERAL BLOOD DURING THE IMMUNE RESPONSE TO TB DISEASE, AND THE IDENTIFICATION OF THE MECHANISM BY WHICH THE CAVEOLIN PROTEIN MAY AFFECT THIS ROLE.**
LEIGH KOTZÉ, NELITA DU PLESSIS, GERHARD WALZL
(Abstract Nr 33)
18. **IDENTIFICATION OF NUCLEIC ACID-ASSOCIATED PROTEINS OF THE MYCOBACTERIUM SMEGMATIS STATIONARY GROWTH PHASE.**
NASTASSJA KRIEL, TIAAN HEUNIS, SAMANTHA SAMPSON, MONIQUE WILLIAMS, NICO GEY VAN PITTIUS, ROB WARREN
(Abstract Nr 34)
19. **EFFECT OF PHARMACOLOGICALLY-INDUCED MYELOID DERIVED SUPPRESSOR CELL MATURATION ON IMMUNE REACTIVITY AGAINST MYCOBACTERIUM TUBERCULOSIS.**
VINZEIGH NICHOLAS LEUKES, GERHARD WALZL, NELITA DU PLESSIS
(Abstract Nr 35)
20. **COMPARATIVE ANALYSIS OF NON-/IMMUNOSUPPRESSIVE EXOSOMES OF INNATE CELLS FROM BRONCHOALVEOLAR LAVAGE FLUID (BALF) AND BLOOD OF PATIENTS WITH TB AND OTHER RESPIRATORY DISEASES.**
TANDEKA MAGCWEBEBA, GERHARD WALZL, TIAAN HEUNIS, NELITA DU PLESSIS
(Abstract Nr 36)
21. **OUTCOMES OF HIV-ASSOCIATED THROMBOTIC THROMBOCYTOPAENIC PURPURA: A 5-YEAR RETROSPECTIVE COHORT STUDY DURING THE ANTI-RETROVIRAL THERAPY ERA.**
AZIZAH MASOET, MOGAMAT-YAZIED CHOTHIA
(Abstract Nr 37)
22. **VARIATION IN THE NOTIFIED BURDEN OF PREVIOUSLY TREATED TUBERCULOSIS IN THE 52 HEALTH DISTRICTS IN SOUTH AFRICA.**

- FLORIAN M. MARX, MUHAMMAD OSMAN, CARL LOMBARD, ANNEKE C. HESSELING, NULDA BEYERS, PREN NAIDOO
(Abstract Nr 38)
23. **A NOVEL IFN γ RELEASE ASSAY FOR THE DETECTION OF MYCOBACTERIUM BOVIS INFECTION IN AFRICAN BUFFALOES (SYNCERUS CAFFER).**
MICHELE MILLER, NETANYA BERNITZ, SVEN PARSONS
(Abstract Nr 39)
24. **ISONIAZID RESISTANCE AND DOSAGE AS TREATMENT FOR PATIENTS WITH TUBERCULOSIS.**
SIMONE' NAGEL
(Abstract Nr 40)
27. **RESPIRATORY AND GUT MICROBIAL COMMUNITIES ARE ALTERED IN PATIENTS WITH ACTIVE TUBERCULOSIS.**
CHARISSA CAMILLE NAIDOO, GEORGINA RUMBIDZAI NYAWO, ZACHARY KURTZ, NATASHA KITCHIN, YONGHUA LI, KEERTAN DHEDA, GERHARD WALZL , JOSE CLEMENTE, ROBIN WARREN, LEOPOLDO SEGAL, GRANT THERON
(Abstract Nr 41)
26. **UPREGULATION OF CHRONIC INFLAMMATORY CYTOKINES DESPITE EARLY TREATMENT AND VIROLOGICAL SUPPRESSION IN CHILDREN: A ROLE IN HIV PERSISTENCE?**
SHALENA NAIDOO, MARY-GRACE KATUSIIME, MARK COTTON, GERT VAN ZYL, RICHARD GLASHOFF
(Abstract Nr 42)
27. **THE EPIDEMIOLOGY OF GRAM NEGATIVE BACTERAEMIA AT TYGERBERG HOSPITAL.**
LAUREN PATERSON, MAE NEWTON-FOOT, ANDREW WHITELAW
(Abstract nr 43)
28. **SECONDARY UTILITY OF ARCHIVED PATHOLOGY FFPE TISSUE BLOCKS: DNA QUALITY ASSESSMENT FOR THE PURPOSE OF DOWNSTREAM MOLECULAR ANALYSIS.**
NADINE PETERSEN, MELISSA CLOETE, MICHELINE SANDERSON, JOHANN SCHNEIDER
(Abstract Nr 44)
29. **UNDERSTANDING THE PHYSIOLOGICAL STATE OF DRUG RESISTANT MYCOBACTERIUM TUBERCULOSIS STRAINS.**
CAROLINE PULE
(Abstract Nr 45)
30. **MOUSE MACROPHAGES DISPLAY DIFFERENTIAL EXPRESSION OF DECTIN GENES WHEN COMPARING INFECTION BETWEEN PATHOGENIC AND NON-PATHOGENIC MYCOBACTERIA.**
RAY-DEAN PIETERSEN, GINA LEISCHING, IAN WIID, CAREL VAN HEERDEN, BIENYAMEEN BAKER
(Abstract Nr 46)
32. **INVESTIGATING THE ASSOCIATION BETWEEN MENDELIAN SUSCEPTIBILITY TO MYCOBACTERIAL DISEASE CAUSING GENES AND TB SUSCEPTIBILITY.**
HAIKO SCHURZ, JANICE THEYS, BRIGITTE GLANZMANN, MARLO MÖLLER, EILEEN HOAL, CRAIG KINNEAR
(Abstract Nr 47)

33. **A GENE-BASED GENOME-WIDE ASSOCIATION STUDY OF TUBERCULOSIS SUSCEPTIBILITY IN A SOUTH AFRICAN POPULATION.**
ANEL SPARKS, HAIKO SCHURZ, EILEEN G HOAL VAN HELDEN, GIAN VAN DER SPUY, MARLO MÖLLER
(Abstract Nr 48)
34. **NOVEL QPCR ASSAYS FOR THE MEASUREMENT OF IMMUNE GENE EXPRESSION IN WHOLE BLOOD OF AFRICAN LIONS (*PANTHERA LEO*).**
TASHNICA TAIME SYLVESTER, ANDRE G. LOXTON, PAUL D. VAN HELDEN, MICHELE A. MILLER, SVEN D.C. PARSONS
(Abstract Nr 49)
35. **EVALUATION OF HOST MARKERS FOR TRACKING EARLY TREATMENT RESPONSE IN NEWLY DIAGNOSED PULMONARY TB PATIENTS.**
ANDREA TEUCHERT, ANDREAS DIACON, DOLAPO AWONIYI, GERHARD WALZL, MARTIN KIDD, NOVEL N. CHEGOU, RONALD DAWSON
(Abstract Nr 50)
36. **SIGNALS OF POSITIVE SELECTION IN IMMUNE RESPONSE GENES OF AN ADMIXED SOUTHERN AFRICAN POPULATION.**
CAITLIN UREN, EILEEN G. HOAL, GERARD TROMP, PAUL D. VAN HELDEN, MARLO MÖLLER, BRENNNA M. HENN
(Abstract Nr 51)
37. **RV1460 FUNCTIONS AS A REPRESSOR OF THE RV1460-RV1461-RV1462-RV1463-CSD-RV1465-RV1466 OPERON IN MYCOBACTERIUM TUBERCULOSIS.**
DANICKE WILLEMSE, BRANDON WEBER, ROBIN MARK WARREN, MONIQUE JOY WILLIAMS
(Abstract Nr 52)
38. **FEASIBILITY, UPTAKE AND YIELD OF HOUSEHOLD-BASED TUBERCULOSIS ACTIVE CASE FINDING WITHIN THE COMBINATION PREVENTION PACKAGE IN THE HPTN 071 (POPART) INTERVENTION IN HIGH TB/HIV BURDEN COMMUNITIES IN SOUTH AFRICA.**
BLIA YANG, HELEN AYLES, NULDA BEYERS, PETER BOCK, RICHARD HAYES, RORY DUNBAR, ROSA SLOOT, SAM GRIFFITH, SARAH FIDLER, SIAN FLOYD
(Abstract Nr 53)
39. **STRATEGIES DEVELOPED TO IMPROVE LINKAGE TO HIV CARE OF NEWLY DIAGNOSED CLIENTS FROM THE HPTN 071 (POPART) INTERVENTION IN SOUTH AFRICA.**
BLIA YANG, DOLAPO AWONIYI, HELEN AYLES, JACQUELINE HLALUKANA, MASIBULELE SISHUBA-ZULU, NULDA BEYERS, PETER BOCK, RICHARD HAYES, SARAH FIDLER
(Abstract Nr 54)
40. **ATTRITION AND RETENTION IN THE STEPS OF TRAINING TO BECOME AN HIV LAY COUNSELLOR FOR COMMUNITY HIV-CARE PROVIDERS IN THE HPTN071 (POPART) INTERVENTION IN SOUTH AFRICA.**
BLIA YANG, FRANCIONETTE ESAU, LONWABO HLOMENDLINI, PATRICIA HENEKE, PHUMZA SIBOTO, PROSPER DLODLO, YVONNE SAUNDERS
(Abstract Nr 55)

Theme 3 / Tema 3

Violence, Injuries, Trauma and Rehabilitation / Geweld, Beserings, Trauma en Rehabilitasie

Lecture Hall 4 / Lesingsaal 4

Welcome 08:45 – 09:00: Dr Linzette Morris

FIRST SESSION / EERSTE SESSIE (Lecture Hall 4)

Chairperson / Voorsitter: Dr Linzette Morris

- 09h00-09h15 **COMPLICATIONS ASSOCIATE WITH HEXAPOD FIXATION OF TIBIA FRACTURES**
MAARTEN SCHALK WILLEM POTGIETER ET AL
(Abstract Nr 1)
- 09h15-09h30 **THE EFFECTIVENESS OF KINESIOLOGY TAPING COMBINED WITH PHYSIOTHERAPY IN ADULTS WITH POST-MASTECTOMY LYMPHEDEMA COMPARED TO PHYSIOTHERAPY ALONE TO DECREASE LIMB SIZE AND PAIN AS WELL AS IMPROVE SHOULDER RANGE OF MOTION AND HRQOL**
SHANITA CHHIBA ET AL
(Abstract Nr 2)
- 09h30-09h45 **LOW COST, EASY TO USE TOOLS TO MEASURE KINEMATICS IN AMPUTEES**
LARA GROBLER
(Abstract Nr 3)
- 09h45-10h00 **USING MIXED METHODS DESIGN TO UNDERSTANDING THE IMPLICATIONS OF CONTEXT AND PERSONAL EXPERIENCES: XHOSA WOMEN WITH STROKE IN RURAL AND URBAN SETTINGS**
MARLIE ENRIGHT
(Abstract Nr 4)
- 10h00-10h30 **TEA AND POSTER DISCUSSION**

SECOND SESSION / TWEEDE SESSIE (Lecture Hall 4)

Chairperson / Voorsitter: TBA

- 10h30-10h45 **SPORT, GENDER AND AGE INCREASE RISK OF ILLNESS AT THE RIO 2016 SUMMER PARALYMPIC GAMES: A PROSPECTIVE COHORT STUDY OF 51,198 ATHLETE DAYS**
PHOEBE RUNCIMAN
(Abstract Nr 5)

10h45-11h00 **EFFECT OF VIRTUAL REALITY, IN CONJUNCTION WITH STANDARD ANALGESIA, ON PAIN, ANXIETY AND RANGE-OF-MOTION IN PATIENTS WITH BURN INJURIES UNDERGOING PAINFUL PROCEDURES COMPARED TO STANDARD ANALGESIA ALONE: A SYSTEMATIC REVIEW**
DANE WITTEN
(Abstract Nr 6)

11h00-11h15 **THE EPIDEMIOLOGY AND IMPACT OF HOSPITALIZED OPHTHALMIC TRAUMA IN EAST LONDON, SOUTH AFRICA**
MICHAEL K. G. DJAN
(Abstract Nr 7)

11h15-11h30 **SUPPORTED EMPLOYMENT: COMPONENTS AND UTILISATION**
LANA VAN NIEKERK
(Abstract Nr 8)

11h30-11h45 **THE USE OF COMPUTED TOMOGRAPHIC ANGIOGRAPHY IN THE EVALUATION OF UPPER DIGESTIVE TRACT INJURIES IN PENETRATING NECK TRAUMA.**
JAN PAUL BARNARD MARITZ
(Abstract Nr 9)

11h45-12h15 **LUNCH** (Foyer between Lecture Hall 11 and 12) and **POSTER DISCUSSIONS**

MAIN PROGRAMME / HOOFPROGRAM (Lecture Hall 11)

12h15-13h00: **DEAN'S ADDRESS** (including the handing over of the HD Brede Awards for TB research and Faculty Awards for Excellence in a Master's programme)
Prof Jimmy Volmink (Dean, Faculty of Medicine and Health Sciences, Stellenbosch University)

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Prof Jimmy Volmink

13h15-14h00: **GUEST SPEAKER** (see page 8)
Prof Claire Penn (Professor and Chair of Speech Pathology and Audiology, and Director: Health Communication Research Unit, University of the Witwatersrand)
Presentation title: "*Advice to the young South African scientist*"

14h00-14h30: **TEA AND POSTER DISCUSSIONS**

THIRD SESSION / DERDE SESSIE (Lecture Hall 4)

Session Chair / Sessie Voorsitter: TBA

14h30-14h45: **THE EFFECTIVENESS OF CONTRAST WATER THERAPY ON DELAYED ONSET MUSCLE SORENESS VERSUS PASSIVE RECOVERY IN PERFORMANCE AND RECREATIONAL ATHLETES: A SYSTEMATIC REVIEW WITH META- ANALYSIS.**
TYLA-JADE VOORHOUT
(Abstract Nr 10)

- 14h45-15h00: **FIRST METATARSAL RECONSTRUCTION USING A PEDICLED REVERSE FLOW PERONEAL ARTERY BASED FIBULAR OSTEOCUTANEOUS FLAP**
MOSADI MAHOKO
(Abstract Nr 11)
- 15h00-15h12: **THE EFFECT OF WHOLE BODY VIBRATION AND PHYSIOTHERAPY COMPARED TO PHYSIOTHERAPY ALONE ON SPASTICITY AND FUNCTION IN PERSONS WITH CEREBRAL PALSY: A SYSTEMATIC REVIEW**
HERNÉ RAUTENBACH
(Abstract Nr 12)
- 15h12-15h24: **CORRELATIONS OF SKULL MEASUREMENTS AND POST-CRANIAL MEASUREMENTS: A SKELETAL STUDY ON MALES OF A SOUTH AFRICAN POPULATION**
JOHAN CHRISTIAN MARAIS
(Abstract Nr 13)
- 15h24-15h36 **CLOSING**

POSTERS / PLAKKATE

- 1. MEASURING THE EFFECT OF FATIGUE ON DRIVING PERFORMANCE IN EMERGENCY WORKERS IN THE CAPE METROPOLE: A DRIVING SIMULATOR STUDY**
DANIELLE STEYN ET AL
(Abstract Nr 14)
- 2. NASAL MORPHOLOGY ASSESSMENT OF THE THREE PREDOMINANT SOUTH AFRICAN ANCESTRAL GROUPS**
CAMERON CLARK ET AL
(Abstract Nr 15)
- QUALITY OF LIFE OF PERSONS WITH COMPLETE TRAUMATIC SPINAL CORD INJURIES IN AND AROUND GABORONE, BOTSWANA**
MARTHA GEIGER
(Abstract Nr 16)
- 3. THE CONSTRUCT VALIDITY OF THE BISHOP LAVIS INTEREST CHECKLIST FOR USE WITH ADULTS WITH DISABILITIES OR IMPAIRMENTS RECEIVING OCCUPATIONAL THERAPY AT THE BISHOP LAVIS REHABILITATION CENTRE**
CARLA BESTER ET AL
(Abstract Nr 17)
- 4. THE EFFECT OF A HAND CYCLING EXERCISE PROGRAMME ON THE CARDIOPULMONARY AND CARDIOVASCULAR FITNESS LEVELS IN PEOPLE WITH SPINAL CORD INJURIES: A SYSTEMATIC REVIEW AND META-ANALYSIS**
SIPHOSETHU ZANTSI
(Abstract Nr 18)

Theme 4 / Tema 4

Non-Communicable Diseases / Nie-oordraagbare Siektes Main Lecture Hall / Hoofvoorlesingsaal

Welcome 08h20-08h30: Prof Elvis Irusen

FIRST SESSION / EERSTE SESSIE (Main Lecture Hall / Hoofvoorlesingsaal)

Session Chair / Sessie Voorsitter: Prof Elvis Irusen

- 08h30-08h45 **ASSESSING THE APPROPRIATE USE OF TRANSTHORACIC ECHOCARDIOGRAPHY AT A REGIONAL HOSPITAL.**
KARIM HASSAN
(Abstract Nr 1)
- 08h45-09h00 **A LINK BETWEEN LOW ATM, MYOCARDIAL INSULIN RESISTANCE AND VASCULAR DYSFUNCTION IN OBESITY.**
BARBARA HUISAMEN, MIGNON VAN VUUREN, MARGUERITE BLIGNAUT, AMANDA LOCHNER
(Abstract Nr 2)
- 09h00-09h15 **EVALUATION OF THE IMPACT OF THE 5-WEEK HELLO TO MY HEALTH EDUCATION PROGRAMME FOR DIABETIC PATIENTS, IN THE BREEDE VALLEY SUB - DISTRICT, WESTERN CAPE, SOUTH AFRICA.**
LYNETTE CARMEN, HANANJA DONALD, ELRIA JOUBERT
(Abstract Nr 3)
- 09h15-09h30 **AN INVESTIGATION INTO THE EFFECTS OF TYPE 2 DIABETES ASSOCIATED SYSTEMIC INFLAMMATION ON MESENCHYMAL STEM CELL FUNCTION IN BLACK SOUTH AFRICAN WOMEN.**
A. SEBOKO, M. CONRADIE, J. HELLIG, E. PRETORIUS, MM. CONRADIE, WF. FERRIS, M. VAN DE VYVER.
(Abstract Nr 4)
- 09h30-09h45 **INVESTIGATING NUTRITION AND PHYSICAL ACTIVITY BEHAVIOUR OF ADOLESCENTS IN THE SCHOOL ENVIRONMENT.**
DONÉ MULLER, STEPHANIE ROUILLARD, LISANNE DU PLESSIS, LYNETTE DANIELS, YOLANDE SMIT, EVETTE VAN NIEKERK, RENEE BLAAUW
(Abstract Nr 5)
- 09h45-10h00 **RESIDUAL RENAL FUNCTION IN CHRONIC DIALYSIS IS NOT ASSOCIATED WITH REDUCED ERYTHROPOIETIN-STIMULATING AGENT DOSE REQUIREMENTS: A CROSS-SECTIONAL STUDY.**
ELIZABETH HELENE LOUW, MOGAMAT-YAZIED CHOTHIA
(Abstract Nr 6)
- 10h00-10h30 **TEA AND POSTER DISCUSSIONS**

SECOND SESSION / TWEDE SESSIE (Main Lecture Hall / Hoofvoorlesingsaal)

Session Chair / Sessie Voorsitter: Dr Mou Manie

- 10h30-10h45 **A BIDIRECTIONAL NEUROGENIN-3 EXPRESSION IN STREPTOZOTOCIN-INDUCED DIABETES ASSOCIATED WITH PANCREATIC DUCT LIGATION.**
PATRICIA CLARA KOTZE, VENANT TCHOKONTE-NANA
(Abstract Nr 7)
- 10h45-11h00 **THE PREVALENCE AND ASSOCIATIONS OF HYPOGONADISM IN COLOURED MALES WITH TYPE 2 DIABETES.**
ELMO PRETORIUS, BRYNNE ASCOTT-EVANS
(Abstract Nr 8)
- 11h00-11h15 **GREEN ROOIBOS EXTRACT (AFRIPLEX GRT) PROTECTS RAT HEARTS AGAINST HIGH-FAT, HIGH-CALORIC DIET-INDUCED COMORBIDITIES.**
SYBRAND E. SMIT, RABIA JOHNSON, ERNA MARAIS, BARBARA HUISAMEN
(Abstract Nr 9)
- 11h15-11h45 **AJ BRINK STATE OF THE ART PRESENTATION 1
FROM SINGLE-GENE DISEASES TO LARGE SCALE COLLABORATIVE STUDIES ON COMPLEX DISORDERS.**
PROF HELENA KUIVANIEMI
- 11h45-12h15 **LUNCH** (Foyer between Lecture Hall 11 and 12) and **POSTER DISCUSSIONS**

MAIN PROGRAMME / HOOFPROGRAM (Lecture Hall 11)

- 12h15-13h00: **DEAN'S ADDRESS** (including the handing over of the HD Brede Awards for TB research and Faculty Awards for Excellence in a Master's programme)
Prof Jimmy Volmink (Dean, Faculty of Medicine and Health Sciences, Stellenbosch University)
- 13h00-13h15: **INTRODUCTION OF GUEST SPEAKER:**
Prof Jimmy Volmink
- 13h15-14h00: **GUEST SPEAKER** (see page 8)
Prof Claire Penn (Professor and Chair of Speech Pathology and Audiology, and Director: Health Communication Research Unit, University of the Witwatersrand)
Presentation title: "*Advice to the young South African scientist*"
- 14h00-14h30: **TEA AND POSTER DISCUSSIONS**

THIRD SESSION / DERDE SESSIE (Main Lecture Hall / Hoofvoorlesingsaal)

Session Chair / Sessie Voorsitter: Prof Helmuth Reuter

- 14h30-14h45 **DESCRIBING OCCUPATIONAL THERAPY COMPETENCIES FOR MANAGEMENT OF WORKERS WITH CARPAL TUNNEL SYNDROME (CTS) IN THE CLOTHING INDUSTRY, CAPE METROPOLE.**
LAUREN SMITH, ELAINE JORDAAN, NINA VERMAAK, SIMONÉ FULS, CARMEN VAN DER VYVER
(Abstract Nr 10)

- 14h45-15h00 **INVESTIGATING THE SUITABILITY OF STANDARDIZED EUROFLOW™ FLOW CYTOMETRY PANELS FOR THE CHARACTERISATION AND DIAGNOSIS OF CHRONIC LYMPHOCYTIC LEUKAEMIA AT TYGERBERG ACADEMIC HOSPITAL, SOUTH AFRICA.**
FUNGAI MUSAIGWA, BONGANI NKAMBULE, FATIMA BASSA, AKIN ABAYOMI, CARMEN C SWANEPOEL, RAVNIT GREWAL
(Abstract Nr 11)
- 15h00-15h12 **A DESCRIPTIVE STUDY OF TYPE 1 HEREDITARY ANGIOEDEMA IN THE WESTERN CAPE.**
KHALID COOVADIA, MOGAMAT-YAZIED CHOTHIA, PAUL POTTER
(Abstract Nr 12)
- 15h12-15h24 **THE ROLE OF MITOCHONDRIAL ATM IN CARDIAC OXIDATIVE PHOSPHORYLATION AND MITOPHAGY IN OBESITY.**
AMANDA LOCHNER, BARBARA HUISAMEN, M. BLIGNAUT
(Abstract Nr 13)
- 15h24-15h36 **THE EFFICACY OF ELECTROTHERAPY MODALITIES COMPARED TO PLACEBO ELECTROTHERAPY FOR IMPROVING PAIN, PHYSICAL FUNCTION AND QUALITY OF LIFE IN ADULTS WITH FIBROMYALGIA SYNDROME: A SYSTEMATIC REVIEW.**
C.A. DU TOIT, C.J.W. HERSELMAN, D.S. LECLERCQ, S.C. NEL, C. VAN EEDEN, A. VISSER, J. VOGEL, K. BERNER
(Abstract Nr 14)
- 15h36-15h48 **ADIPOCYTIC DIFFERENTIATION OF PROXIMAL FEMUR-DERIVED MESENCHYMAL STEM CELLS IS CHARACTERISED BY THE EXPRESSION OF BROWN FAT GENES AND IS MODULATED BY GLUCOCORTICOIDS IN VITRO.**
FRANS ALEXANDER JACOBS, HANEL SADIE-VAN GIJSEN, WILLIAM FERRIS
(Abstract Nr 15)
- 15h48-16h00 **THE PREVALENCE AND PREDICTIVE FACTORS FOR SUSTAINED DIABETES AFTER THE DIAGNOSIS OF GESTATIONAL DIABETES IN TERTIARY REFERRAL CENTER AT 6-12 WEEKS POSTPARTUM.**
ANKIA COETZEE
(Abstract Nr 16)
- 16h00-16h12 **THE EFFECTS OF OBESOGENIC FEEDING AND A GREEN ROOIBOS EXTRACT ON IN VIVO ADIPOSITY AND EX VIVO FUNCTION OF CULTURED ADIPOSE-DERIVED STROMAL CELLS.**
HANEL SADIE-VAN GIJSEN, SYBRAND SMIT, MIGNON VAN VUUREN, BARBARA HUISAMEN
(Abstract Nr 17)
- 16h12-16h24 **THE DEVELOPMENT AND PILOT TESTING OF HEALTH ENDORSEMENT LOGOS FOR FOOD PRODUCTS THAT ARE HEALTHY CHOICES BASED ON THE SOUTH AFRICAN NUTRIENT PROFILE MODEL.**
NELENE KOEN, RENEE BLAAUW, EDELWEISS WENTZEL-VILJOEN
(Abstract Nr 18)

16h24-16h36

IMPACT OF PROLONGED OCCLUSION FLOW MEDIATED DILATATION ON RADIAL ARTERY CANNULATION IN PATIENTS UNDERGOING TRANSRADIAL CORONARY ANGIOGRAPHY.

JACQUES DOUBELL

(Abstract Nr 19)

POSTERS / PLAKKATE

1. A PARKINSONIAN MIMIC.

KIRESHNEE NAIDU, J CARR

(ABSTRACT NR 20)

2. LENGTH OF HOSPITAL STAY AFTER COLORECTAL SURGERY AT TYGERBERG HOSPITAL: A RETROSPECTIVE OBSERVATIONAL STUDY.

RENILDA PILLAY

(ABSTRACT NR 21)

3. PAN-CANCER ANALYSIS: A PILOT INVESTIGATION TO IDENTIFY SHARED MUTATIONS IN UROLOGICAL CANCERS.

ANDRÉ VAN DER MERWE, HILGARD MICHIEL ACKERMANN, PEDRO FERNANDEZ

(ABSTRACT NR 22)

4. OSTEOPETROSIS: A TOUGH CASE TO CRACK.

JOCELYN HELLIG , MAGDA CONRADIE

(ABSTRACT NR 23)

5. PROJECT MANAGEMENT – A COMPASS FOR MULTI-CENTRED STUDIES IN AFRICA.

HAYLEY IRUSEN, PEDRO FERNANDEZ

(ABSTRACT NR 24)

6. HISTOLOGICAL AND IMMUNOHISTOCHEMICAL EVALUATION OF SENTINEL LYMPH NODES IN BREAST CANCER AT A TERTIARY HOSPITAL IN THE WESTERN CAPE, SOUTH AFRICA.

ADRI VAN ZYL

(ABSTRACT NR 25)

7. THE RACIAL VARIATIONS OF HEIGHT IN THE CAROTID BIFURCATION.

RITA LIEZL DREYER, BENJAMIN J PAGE

(ABSTRACT NR 26)

8. AN INVESTIGATION INTO THE ANTI-HYPERSENSITIVE EFFECTS OF A GREEN ROOIBOS EXTRACT.

MIGNON VAN VUUREN

(ABSTRACT NR 27)

9. BETA SECRETASE REGULATION AND INFLAMMATION IN PANCREATIC BETA CELLS: THE POTENTIAL ROLE OF ROOIBOS.

JOLEEN BURGER, CHRISTO J.F. MULLER, NIRESHNI CHELLAN, JOHN LOPES

(ABSTRACT NR 28)

10. IMPACT OF BONE-MARROW DERIVED MESENCHYMAL STEM CELL CONDITIONED MEDIA ON THE MIGRATION OF C2C12 MYOBLASTS: INFLUENCE OF OBESITY.

MARI VAN DE VYVER, KERRY LANZ, KATHRYN HELEN MYBURGH
(ABSTRACT NR 29)

11. EFFECT OF MYOCARDIAL ISCHAEMIA/REPERFUSION INJURY ON MITOPHAGIC FLUX AND MITOCHONDRIAL OXIDATIVE PHOSPHORYLATION IN OBESE RATS TREATED WITH CHLOROQUINE.

AMANDA LOCHNER, BARBARA HUISAMEN, KARTHIK DHANABALAN, SIBONGINKOSI MZEZEWA
(ABSTRACT NR 30)

12. CO-OCCURRENCE OF BREAST CANCER AND MULTIPLE SCLEROSIS UNDERPINNED BY GENETIC VARIATION IN THE IRON METABOLISM PATHWAY.

KELEBOGILE E MOREMI, NICOLE VAN DER MERWE, ETTIENNE J MYBURGH, SUSAN J VAN RENSBURG, MARITHA J KOTZE
(ABSTRACT NR 31)

13. INVESTIGATION OF THE ORAL MICROBIOME OF INDIVIDUALS WITH METABOLIC SYNDROME.

JADE PEKEUR, ANDREW WHITELAW, RAJIV ERASMUS, TANDI MATSHA, GERARD TROMP, KIM HOEK
(ABSTRACT NR 32)

Theme 5 / Tema 5

Mental Health and Neurosciences/Geestesgesondheid en Neurowetenskappe

JN DE VILLIERS BOARDROOM / JN DE VILLIERS RAADSAAL

FIRST SESSION / EERSTE SESSIE (JN de Villiers Boardroom / JN de Villiers Raadsaal)

Session Chair / Sessie Voorsitter: Ms Debbie Marais

- 10h30-10h45 **CHARACTERIZING THE GUT MICROBIOME IN POSTTRAUMATIC STRESS DISORDER**
STEFANIE MALAN-MULLER ET AL.
(Abstract Nr 1)
- 10h45-11h00 **APPLICATION OF WHOLE EXOME SEQUENCING TO DISSECT PARKINSON'S DISEASE**
WILLIAM HAYLETT ET AL.
(Abstract Nr 2)
- 11h00-11h15 **CLINICAL OUTCOMES OF HIGH-DOSE MOCLOBEMIDE PHARMACOTHERAPY IN SOCIAL ANXIETY DISORDER**
ALEX DORUYTER ET AL.
(Abstract Nr 3)
- 11h15-11h30 **CLUSTER ANALYSIS OF DISORDERS CHARACTERIZED BY IMPULSIVITY IN PATIENTS WITH METHAMPHETAMINE USE DISORDER**
EDRICH RALL ET AL.
(Abstract Nr 4)
- 11h30-11h45 **OXYCUTE: A BIOINFORMATICS PIPELINE TO IDENTIFY MARKERS OF OXIDATIVE DAMAGE IN PROTEOMIC DATA**
AL-GIRVAN TOBIAS ET AL.
(Abstract Nr 5)
- 11h45-12h15 **LUNCH** (Foyer between Lecture Hall 11 and 12) and **POSTER DISCUSSIONS**

MAIN PROGRAMME / HOOFPROGRAM (Lecture Hall 11)

- 12h15-13h00: **DEAN'S ADDRESS** (including the handing over of the HD Brede Awards for TB research and Faculty Awards for Excellence in a Master's programme)
Prof Jimmy Volmink (Dean, Faculty of Medicine and Health Sciences, Stellenbosch University)
- 13h00-13h15: **INTRODUCTION OF GUEST SPEAKER:**
Prof Jimmy Volmink

13h15-14h00: **GUEST SPEAKER** (see page 8)
Prof Claire Penn (Professor and Chair of Speech Pathology and Audiology,
and Director: Health Communication Research Unit, University of the
Witwatersrand)
Presentation title: "*Advice to the young South African scientist*"

14h00-14h30: **TEA AND POSTER DISCUSSIONS**

SECOND SESSION / TWEEDE SESSIE (JN de Villiers Boardroom / JN de Villiers Raadsaal)

Session Chair / Sessie Voorsitter: Dr Chris Verster

14h30-15h00 **STATE OF THE ART PRESENTATION 2**
A NOVEL GENE (PTRHD1) RESULTING IN A PARKINSONIAN SYNDROME
PROF J CARR

15h00-15h12 **THE ROLE OF XHOSA SPEAKING TRADITIONAL HEALERS IN TREATING
MENTAL HEALTH ISSUES IN THE WESTERN CAPE: PRELIMINARY
DESCRIPTIVE FINDINGS**
ALBERTA S.J. VAN DER WATT ET AL.
(Abstract Nr 6)

15h12-15h24 **PARTICIPANTS' PERSPECTIVES OF WEEKLY TELEPHONIC MOOD
MONITORING: A MIXED METHOD FEASIBILITY STUDY**
ALBERTA S.J. VAN DER WATT ET AL.
(Abstract Nr 7)

15h24-15h36 **MEDICAL STUDENTS' PERSPECTIVES ON EUTHANASIA AND PHYSICIAN-
ASSISTED SUICIDE AND THE PROSPECTS OF LEGALISING THESE
PRACTICES IN SOUTH AFRICA**
RYAN KURT JACOBS ET AL.
(Abstract Nr 8)

15h36-15h48 **THE USE OF WHOLE EXOME SEQUENCING TO INVESTIGATE THE
AETIOLOGY OF FAMILIAL PARKINSONS' DISEASE IN A SOUTH AFRICAN
AFRIKANER FAMILY**
BOIKETLO SEBATE ET AL.
(Abstract Nr 9)

15h48-16h00 **PRIZE GIVING**

POSTERS/PLAKKATE

**EFFECT OF HARMFUL ALCOHOL USE ON BRAIN MORPHOMETRY AMONG PEOPLE LIVING
WITH HIV IN WESTERN CAPE PROVINCE, SOUTH AFRICA – A BASELINE DESCRIPTION**
Georgina Spies et al.

(Abstract Nr 10)

CHILDHOOD TRAUMA AND DIFFERENTIAL EPIGENETIC MECHANISMS IN ADULTS WITH PSYCHIATRIC DISORDERS

Jani Nothling et al.

(Abstract Nr 11)

EFFECTS OF CANNABIS USE ON BODY MASS, FASTING GLUCOSE AND LIPIDS DURING THE FIRST 12 MONTHS OF TREATMENT IN SCHIZOPHRENIA SPECTRUM DISORDERS

Freda Scheffler et al.

(Abstract Nr 12)

THE ROLE OF HIV-1 VPR IN PREDICTING NEUROCOGNITIVE DECLINE AND THE INFLUENCE OF CHILDHOOD TRAUMA AND APOE GENOTYPE: A LONGITUDINAL STUDY OF SOUTH AFRICAN WOMEN

Georgina Spies et al.

(Abstract Nr 13)

INVESTIGATING CORRELATIONS BETWEEN BIOLOGICAL AGE AND CHILDHOOD TRAUMA: A STUDY IN SOUTH AFRICAN ADOLESCENTS

Erin Monolas et al.

(Abstract Nr 14)

POSTTRAUMATIC STRESS DISORDER, SOCIAL ANXIETY DISORDER AND CHILDHOOD TRAUMA DIFFERENCES IN HIPPOCAMPAL SUBFIELDS

Fatima Ahmed-Leitao et al.

(Abstract Nr 15)

THE INFLUENCE OF CHILDHOOD TRAUMA, MAJOR DEPRESSIVE DISORDER AND TELOMERE LENGTH ON HIV-ASSOCIATED NEUROCOGNITIVE DISORDERS

Jacqueline Womersley et al.

(Abstract Nr 16)

ALCOHOL AND/OR COCAINE USE DISORDER AND THE EFFECTS OF COMORBIDITY ON TREATMENT OUTCOMES IN PATIENT POPULATIONS

Erine Bröcker et al.

(Abstract Nr 17)

PROSPECTIVE INTER-EPISODIC MOOD MONITORING IN PATIENTS WITH BIPOLAR DISORDER: FEASIBILITY STUDY

Alberta S.J. van der Watt et al.

(Abstract Nr 18)

META-ANALYSIS: RISK OF INSOMNIA AND SOMNOLENCE WITH SECOND GENERATION ANTIDEPRESSANTS

Chad Beyer et al.

(Abstract Nr 19)

EMOTION PROCESSING IN A NON-CLINICAL SAMPLE OF OLDER ADOLESCENTS WITH HIGH AND LOW LEVELS OF BOTH ANXIETY PRONENESS AND CHILDHOOD MALTREATMENT: AN EXPLORATORY NEUROIMAGING STUDY

Lindi Martin et al.

(Abstract Nr 20)

GENE-BY-ENVIRONMENT INTERACTION OF BDNF Val66MET POLYMORPHISM AND CHILDHOOD MALTREATMENT ON ANXIETY PRONENESS IN A MIXED RACE ADOLESCENT SAMPLE

Lindi Martin et al.

(Abstract Nr 21)

Theme 6 / Tema 6

Perioperative Sciences/ Perioperatiewe Wetenskappe Lecture Hall 5 / Lesingsaal 5

11h45-12h15 **LUNCH** (Foyer between Lecture Hall 11 and 12) and **POSTER DISCUSSIONS**

MAIN PROGRAMME / HOOFPROGRAM (Lecture Hall 11)

12h15-13h00: **DEAN'S ADDRESS** (including the handing over of the HD Brede Awards for TB research and Faculty Awards for Excellence in a Master's programme)
Prof Jimmy Volmink (Dean, Faculty of Medicine and Health Sciences, Stellenbosch University)

13h00-13h15: **INTRODUCTION OF GUEST SPEAKER:**
Prof Jimmy Volmink

13h15-14h00: **GUEST SPEAKER** (see page 8)
Prof Claire Penn (Professor and Chair of Speech Pathology and Audiology, and Director: Health Communication Research Unit, University of the Witwatersrand)
Presentation title: *"Advice to the young South African scientist"*

14h00-14h30: **TEA AND POSTER DISCUSSIONS**

14h30-15h00: **STATE OF THE ART PRESENTATION 3** (Lecture Hall 5)
INTRALESIONAL BLEOMYCIN IN PERIOCCULAR TUMORS – THE STELLENBOSCH EXPERIENCE
PROF DAVID MEYER

FIRST SESSION / EERSTE SESSIE (Lecture Hall 5)

Chairperson / Voorsitter: Prof Ian Vlok and Prof Jacques du Toit

15h00-15h12: **BURDEN OF SPINAL TUBERCULOSIS IN THE WESTERN CAPE: IS IT ON THE DECLINE?**
TN MANN, HS SCHAAF, R DUNN, S DIX-PEEK, J DU TOIT, RP LAMBERTS, JH DAVIS
(Abstract Nr 1)

15h12-15h24: **CEREBROSPINAL FLUID PROTEIN ANALYSIS IN TUBERCULOUS MENINGITIS**
A KAMAT, A GRETSCHER, A VLOK
(Stellenbosch University)
(Abstract Nr 2)

- 15h24-15h36: **THE ROLE OF QUANTIFERON®-TB GOLD AND TUBERCULIN SKIN TEST AS DIAGNOSTIC TESTS FOR INTRAOCULAR TUBERCULOSIS IN HIV-POSITIVE AND HIV-NEGATIVE PATIENTS IN SOUTH AFRICA**
DP SMIT, T ESTERHUIZEN, D MEYER
 (Abstract Nr 3)
- 15h36-15h48: **XYLOCAINE 10% PUMP SPRAY AS TOPICAL ANAESTHETIC FOR VENEPUNCTURE PAIN**
A VAN STRATEN, AI LEVIN, AA MURRAY
 (Abstract Nr 4)
- 15h48-16h00: **ABDOMINOPERINEAL RESECTION IN THE PRONE POSITION: EARLY OUTCOMES AT A TERTIARY INSTITUTION IN THE WESTERN CAPE, SOUTH AFRICA**
N STEVENSON
 (Abstract Nr 5)
- 16h00-16h12: **A RETROSPECTIVE STUDY ON THE EFFICIENCY OF THE ORTHOPAEDIC EMERGENCY THEATRE**
B CASTLE, RP LAMBERTS, J DU TOIT
 (Abstract Nr 6)
- 16h12-16h24: **ANCESTRAL VARIATIONS IN THE LOCATION AND SIZE OF THE MENTAL FORAMEN IN SOUTH AFRICANS**
C MCKAY, V TCHOKONTE-NANA
 (Abstract Nr 7)
- 16h24-16h36: **A FIVE YEAR RETROSPECTIVE AUDIT OF MITRAL VALVE REPAIR SURGERY AT TYGERBERG HOSPITAL**
M AL-NAILI
 (Abstract Nr 8)
- 16h36-16h48: **BREAK AND POSTER DISCUSSIONS**

SECOND SESSION / TWEDE SESSIE (Lecture Hall 5)

Chairperson / Voorsitter: Prof Ian Vlok and Prof Jacques du Toit

- 16H48-17h00: **A SURVEY OF PROPOFOL PRACTICES WITH REGARDS TO APPROPRIATE ASEPTIC HANDLING: IMPACT OF THE 2014 SASA GUIDELINES FOR INFECTION CONTROL IN ANAESTHESIA IN SOUTH AFRICA.**
A BREEDT, H KLUYTS, P SCHEEPERS, J COETZEE
 (Abstract Nr 9)
- 17h00-17h12: **BONY ANATOMY OF THE THIRD METACARPAL AND RELATIONSHIP WITH THE CAPITATE: A COMPUTED TOMOGRAPHY STUDY**
RG VENTER, A IKRAM, RP LAMBERTS
 (Abstract Nr 10)
- 17h12-17h24: **SINGLE-OPERATOR CHOLANGIOPANCREATOSCOPY: A GRADING OF ITS CLINICAL VALUE AT A SINGLE HIGH VOLUME CENTER**
J LUBBE, M REUTERWALL
 (Abstract Nr 11)

- 17H24-17h36: **THE DEMOGRAPHICS AND OUTCOMES OF BURN PATIENTS ADMITTED TO WORCESTER HOSPITAL**
N BLAKE, O SWART, RC DUVENAGE
(Abstract Nr 12)
- 17h36-17h48: **APPRAISAL OF MAMMAPRINT IN A DEVELOPING COUNTRY: A FIRST PERSPECTIVE**
Y BAITCHU
(Abstract Nr 13)
- 17h48-18h00: **SKIN DISINFECTION PRACTICE BEFORE LOCAL ANAESTHETIC TO SKIN PRIOR TO CENTRAL NEURAXIAL BLOCKADE: A SURVEY OF SOUTH AFRICAN PRACTICE**
D COETZEE
(Abstract Nr 14)

POSTERS / PLAKKATE

1. **A CADAVERIC SIMULATION OF THE POPLITEAL BLOCK**
CR MADY-GOMA, V TCHOKONTE-NANA
(Abstract Nr 15)
2. **QUANTITATIVE AND QUALITATIVE PLATELET DEFECTS ASSOCIATED WITH HIV INFECTION: A SOUTH AFRICAN PERSPECTIVE**
C STEADMAN
(Abstract Nr 16)
3. **BLOOD PRESSURE MEASUREMENT IN THE OBESE PATIENT: A COMPARISON BETWEEN THE NON-INVASIVE PROXIMAL FOREARM AND RADIAL ARTERIAL BLOOD PRESSURE MEASUREMENT**
A VERKHOVSKY
(Abstract Nr 17)

Theme 7 / Tema 7

Maternal and Child Health / Moeder en Kind Gesondheid

Lecture Hall 12 / Lesingsaal 12

Welcome 09h45-10h00: TBA

FIRST SESSION / EERSTE SESSIE (Lecture Hall 12)

Session Chair / Sessie Voorsitter: TBA

- 10h00-10h15 **LONGTERM FOLLOW-UP OF ANTI-MÜLLERIAN HORMONE LEVELS IN PATIENTS WHO HAD SURGERY FOR ENDOMETRIOMA**
GERHARD HANEKOM
(Abstract Nr 1)
- 10h15-10h30 **ECHOCARDIOGRAPHIC ASSESSMENT OF LEFT VENTRICULAR FUNCTION IN PRE-ECLAMPSIA COMPLICATED BY PULMONARY OEDEMA – FINDINGS FROM THE LV IMPACT STUDY**
BRADLEY GRIFFITHS
(Abstract Nr 2)
- 10h30-10h45 **LABOUR EPIDURAL ANALGESIA IN A STATE HOSPITAL IN SOUTH-AFRICA: NOT A “NUMBERS GAME”**
STEPHAN VAN ZYL
(Abstract Nr 3)
- 10h45-11h00 **A RETROSPECTIVE AUDIT OF POST CAESAREAN SECTION SEPSIS AT TYGERBERG HOSPITAL**
MARSEL COETZER
(Abstract Nr 4)
- 11h00-11h15 **POST-PLACENTAL INSERTION OF COPPERT 380A INTRAUTERINE COPPER DEVICE—A RETROSPECTIVE STUDY AT TYGERBERG HOSPITAL, CAPE TOWN, SOUTH AFRICA**
MICHELLE BRYAN-MC INNES ET AL
(Abstract Nr 5)
- 11h15-11h30 **OUTCOME OF MONOCHORIONIC TWINS AND TWINS OF UNDETERMINED CHORIONICITY IN A SOUTH AFRICAN SETTING**
ZOE MOMBERG
(Abstract Nr 6)
- 11h30-11h45 **INVESTIGATING THE POSSIBLE IMMUNOACTIVE AND IMMUNOMODULATORY PROPERTIES OF VARIOUS SURFACTANTS**
LYNE VAN RENSBURG
(Abstract Nr 7)

11h45-12h15 **LUNCH** (Foyer between Lecture Hall 11 and 12) and **POSTER DISCUSSIONS**

MAIN PROGRAMME / HOOFPROGRAM (Lecture Hall 11)

12h15-13h00: **DEAN'S ADDRESS** (including the handing over of the HD Brede Awards for TB research and Faculty Awards for Excellence in a Master's programme)
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Prof Jimmy Volmink

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Prof Claire Penn (Professor and Chair of Speech Pathology and Audiology, and Director: Health Communication Research Unit, University of the Witwatersrand)
Presentation title: "*Advice to the young South African scientist*"

14h00-14h30: **TEA AND POSTER DISCUSSIONS**

SECOND SESSION / TWEDE SESSIE (Lecture Hall 12)
Session Chair/ Sessie Voorsitter: Dr Gugu Kali

14h30-14h45 **PMTCT AND CLINICAL PROFILE OF HOSPITALIZED HIV-INFECTED CHILDREN IN AN ERA OF HIGH PMTCT UPTAKE AND EFFICACY**
ELRI DU PLOOY
(Abstract Nr 8)

14h45-15h00 **COMPARING THE DEMOGRAPHIC AND DIAGNOSTIC PROFILE OF NEW PATIENTS ATTENDING A NEURODEVELOPMENTAL CLINIC IN 2009 AND 2016**
UMR RASDIEN
(Abstract Nr 9)

15h00-15h12 **HEALTH SUPERVISION RECEIVED BY CHILDREN WITH DOWN SYNDROME FOLLOWED UP AT WORCESTER PROVINCIAL HOSPITAL FROM 2010 TO 2015.**
LEILAH SCHOONRAAD
(Abstract Nr 10)

15h12-15h24 **HEALTHCARE-ASSOCIATED INFECTIONS IN PAEDIATRIC AND NEONATAL WARDS: A POINT PREVALENCE SURVEY AT FOUR SOUTH AFRICAN HOSPITALS**
COURTNEY MOLLY OLIVIER
(Abstract Nr 11)

15h24-15h36 **THE POPULATION EFFECT OF HIV EXPOSURE IN HIV-UNINFECTED CHILDREN ON INFANT MORTALITY IN SOUTH AFRICA.**
AMY L. SLOGROVE
(Abstract Nr 12)

15h36-15h48 **TUBERCULOSIS INFECTION IS INVERSELY ASSOCIATED WITH ATOPIC SYMPTOMS IN HIV POSITIVE AND NEGATIVE SOUTH AFRICAN CHILDREN**
HEIDI VAN DEVENTER
(Abstract Nr 13)

15h48-16h00 **STOOL CULTURE HAS LIMITED DIAGNOSTIC VALUE IN CHILDREN WITH SUSPECTED PULMONARY TUBERCULOSIS**
ELISABETTA WALTERS
(Abstract Nr 14)

16h00-16h30 **BREAK AND POSTER DISCUSSIONS**

THIRD SESSION / DERDE SESSIE (Lecture Hall 12)
Session Chair/ Sessie Voorsitter: Prof Mariana Kruger

16h30-17h00 **STATE OF THE ART LECTURE 4**
EVALUATING THE IMPACT OF AN XPERT® MTB/RIF-BASED TB DIAGNOSTIC ALGORITHM IN A ROUTINE OPERATIONAL SETTING IN CAPE TOWN
PREN NAIDOO

17h00-17h30 **STATE OF THE ART LECTURE 5**
PREVENTION AND TREATMENT OF PERINATAL AND INFANT TUBERCULOSIS IN THE HIV ERA
ADRIE BEKKER

17h30-18h00 **STATE OF THE ART LECTURE 6**
SMALL PATIENTS, BIG CHALLENGES: STORIES IN PAEDIATRIC INFECTION PREVENTION
ANGELA DRAMOWSKI

18h00 - **COCKTAIL EVENING FUNCTION**

POSTERS / PLAKKATE

1. A 10 YEAR RETROSPECTIVE REVIEW OF LISTERIA MONOCYTOGENES INFECTION AT TYGERBERG CHILDREN'S HOSPITAL: IS EMPIRIC AMPICILLIN STILL INDICATED PAST THE EARLY NEONATAL PERIOD?

KIM OPPEL
(Abstract Nr 15)

2. A DESCRIPTION OF THE LANGUAGE FACILITATING STRATEGIES USED BY EARLY CHILDHOOD EDUCATORS OF THREE TO FIVE-YEAR-OLD CHILDREN IN THE CAPE WINELANDS DISTRICT

JENNIFER DALEMAN ET AL
(Abstract Nr 16)

3. A FOLLOW-UP STUDY OF THE EPIDEMIOLOGY OF FETAL ALCOHOL SPECTRUM DISORDERS IN A COMMUNITY IN SOUTH AFRICA

ANNA-SUSAN MARAIS
(Abstract Nr 17)

4. A SCOPING REVIEW OF THE FACTORS INFLUENCING AUGMENTATIVE AND ALTERNATIVE COMMUNICATION SYSTEM IMPLEMENTATION IN THE PAEDIATRIC POPULATION WITH COMPLEX COMMUNICATION NEEDS.

NICOLE SCHEEPERS ET AL

(Abstract Nr 18)

- 5. ABSTINENCE PERIOD: IMPACT ON SEMINAL CITRIC ACID AND SPERM MOTILITY**
DALE MARK GOSS
(Abstract Nr 19)
- 6. ALL THE LITTLE THINGS SHE DOES – THE RANGE OF CARE ROLES OF WOMEN IN THE FAMILIES AFFECTED BY HIV IN 9 HPTN 071 (POPART) STUDY COMMUNITIES IN THE WESTERN CAPE, SOUTH AFRICA**
LARIO VILJOEN
(Abstract Nr 20)
- 7. BIOBANKING LESSONS LEARNED FROM AN URINE BASED PREECLAMPSIA STUDY**
JODY LEE BELL
(Abstract Nr 21)
- 8. BIOPHYSICAL PROPERTIES OF EXPERIMENTAL COMPOSITIONS OF A SYNTHETIC PULMONARY SURFACTANT SYNSURF® FOR AEROSOLISATION**
CHRIS-MARE AGENBAG
(Abstract Nr 22)
- 9. DIABETES MELLITUS INDUCTION: EFFECT OF DIFFERENT STZ DOSES ON MALE REPRODUCTIVE PARAMETERS**
TEMIDAYO OMOLAOYE ET AL
(Abstract Nr 23)
- 10. EARLY EXPERIENCES OF THE ACCEPTABILITY AND PALATABILITY OF A NOVEL CHILD-FRIENDLY LEVOFLOXACIN FORMULATION IN YOUNG CHILDREN**
SUSAN PURCHASE
(Abstract Nr 24)
- 11. EXCELLENT TREATMENT OUTCOMES IN CHILDREN TREATED FOR TUBERCULOSIS UNDER ROUTINE OPERATIONAL CONDITIONS IN CAPE TOWN**
MUHAMMAD OSMAN
(Abstract Nr 25)
- 12. IDENTIFYING KEY CONCEPTS IN INTERVENTIONS AIMED AT IMPROVING MOTOR SKILLS IN PRE-SCHOOL CHILDREN – A SCOPING REVIEW**
JANKE VAN DER WALT
(Abstract Nr 26)
- 13. INVESTIGATING IN VITRO EFFECTS OF AQUEOUS ROOT EXTRACT OF MONDIA WHITEI IN HUMAN SPERM FUNCTIONALITY OF OLIGOASTHENOZOOSPERMIC PATIENTS**
AQEEL MORRIS ET AL
(Abstract Nr 27)
- 14. IS ADRENAL SUPPRESSION IN ASTHMATIC CHILDREN REVERSIBLE?**
EKKEHARD ZÖLLNER
(Abstract Nr 28)
- 15. OPTIMIZING PAEDIATRIC DRUG-RESISTANT TUBERCULOSIS TREATMENT: POPULATION PHARMACOKINETICS OF MOXIFLOXACIN AND LINEZOLID IN CHILDREN**
ANTHONY GARCIA-PRATS
(Abstract Nr 29)

16. PHARMACOKINETICS AND DRUG-DRUG INTERACTIONS OF LOPINAVIR/RITONAVIR ADMINISTERED WITH FIRST AND SECOND-LINE ANTITUBERCULOSIS DRUGS IN HIV-INFECTED CHILDREN TREATED FOR MULTIDRUG-RESISTANT TUBERCULOSIS

LOUVINA ELIZABETH VAN DER LAAN

(Abstract Nr 30)

17. THE DETECTION OF RESPIRATORY VIRUSES IN SOUTH AFRICAN CHILDREN WITH SUSPECTED PULMONARY TUBERCULOSIS

MARIEKE M VAN DER ZALM

(Abstract Nr 31)

18. THE EFFECTS OF LOW TO MODERATE AND BINGE DRINKING ON THE NEUROCOGNITIVE OUTCOMES, BEHAVIOUR PROFILES AND IQ IN 4 YEAR OLD CHILDREN

CATHERINE ANNE CLUVER

(Abstract Nr 32)

19. THE NEED FOR DEDICATED PAEDIATRIC RHEUMATOLOGY SERVICES: RETROSPECTIVE REVIEW OF A CLINIC SERVICE AT TYGERBERG HOSPITAL, CAPETOWN, WESTERN CAPE

DEEPTHI RAJU ABRAHAM

(Abstract Nr 33)

20. THE PHARMACOKINETICS OF HIGH DOSE ISONIAZID FOR THE PREVENTION OR TREATMENT OF DRUG-RESISTANT TUBERCULOSIS IN HIV-INFECTED AND - UNINFECTED CHILDREN

JANA L. WINCKLER ET AL

(Abstract Nr 34)

21. USEFULNESS OF THE GOODENOUGH DRAWING TEST AS A SCREENING TOOL TO DETECT DEVELOPMENTAL DELAY IN SOUTH AFRICAN PRE-SCHOOL CHILDREN

PRISCILLA ESTELLE SPRINGER

(Abstract Nr 35)

22. "THE DOP SYSTEM OF ALCOHOL DISTRIBUTION IS DEAD, BUT IT'S LEGACY LIVES ON..."

M.M. DE VRIES ET AL

(Abstract Nr 36)