

**62nd Annual Academic Day
29 August 2018**

**62^{ste} Akademiese Jaardag
29 Augustus 2018**

PROGRAMME / PROGRAM

***F*OREWORD**

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 grows ever stronger, and we continue to set new records in terms of numbers of publications, postdoctoral fellows, PhD students and research income. 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 62nd Annual Academic Day takes place in the centenary year of the University of Stellenbosch and as such it 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. 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 2018 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 groei steeds, met onder andere rekord getalle van publikasies, nadoktorale genote, PhD-studente en navorsingsinkomste. 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 62^{ste} Akademiese Jaardag vind plaas in die eeufeesjaar van die Universiteit van Stellenbosch en dit is dus '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. 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 2018 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 2018 ORGANISING COMMITTEE WOULD LIKE TO EXPRESS ITS
SINCERE APPRECIATION TO THE FOLLOWING COMPANIES FOR THEIR
PARTICIPATION AND FINANCIAL SUPPORT /
DIE AJD 2018 REËLINGSKOMITEE WIL GRAAG SY DANK EN WAARDERING
UITSPREEK AAN DIE VOLGENDE MAATSKAPPYE VIR HULLE DEELNAME EN
FINANSIËLE ONDERSTEUNING**

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<i>Nursing and Midwifery / Verpleeg- en Verloskunde</i>	<i>vacant / vakant</i>

PROGRAMME OVERVIEW / PROGRAM OORSIG

62nd ANNUAL ACADEMIC DAY 2018 / 62^{ste} AKADEMIESE JAARDAG 2018

Wednesday 29 August 2018 / Woensdag 29 Augustus 2018

Morning Parallel Sessions / Oggend Parallele Sessies

08h20-11h45:	Health Systems Strengthening (Sessions 1 and 2)	Lecture Hall 7	p15
08h20-11h45:	Infectious Diseases (Sessions 1 and 2)	Lecture Hall 11	p20
08h20-11h45:	Mental Health and Neurosciences (Session 1 and 2)	Lecture Hall 6	p30
08h20-11h45:	Non-Communicable diseases (Sessions 1 and 2)	Lecture Hall 5	p36
08h45-11h45:	Maternal and Child Health (Session 1 and 2)	Lecture Hall 12	p42
08h45-11h45:	Violence, Injuries, Trauma and Rehabilitation (Sessions 1 and 2)	Lecture Hall 4	p51

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 Clifton E Barry III (Section Chief and Senior Investigator, Tuberculosis Research Section (TRS), Laboratory of Clinical Infectious Disease, National Institute of Allergy and Infectious Diseases (NIAID), US National Institutes of Health (NIH)) Presentation title: "Oxazolidinones for the treatment of TB: past, present and future"

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

Afternoon Parallel Sessions / Namiddag Parallele Sessies

14h30-17h30:	Health Systems Strengthening (Session 3)	Lecture Hall 7	p17
14h30-16h30:	Infectious Diseases (Session 3)	Lecture Hall 11	p22
14h30-16h00:	Mental Health and Neurosciences (Session 3)	Lecture Hall 6	p32
14h30-16h45:	Non-Communicable diseases (Session 3)	Lecture Hall 5	p38
14h30-19h30:	Maternal and Child Health (Sessions 3 and 4)	Lecture Hall 12	p43
14h30-18h00:	Perioperative Sciences (Session 1 and 2)	Lecture Hall 8	p48

State of the Art Presentations / Spiespuntvoordragte

- 14h30 - 15h00: State of the Art Presentation 1 – Health Systems Strengthening (Lecture Hall 7)
Dr Kerrin Begg (Division of Health Systems and Public Health)
Title: *A National Quality Strategic Framework for South Africa – an Imperative for NHI*
- 14h30 - 15h00: State of the Art Presentation 2 – Infectious Diseases (Lecture Hall 11)
Dr Novel Chegou (Division of Molecular Biology and Human Genetics)
Title: *Biomarkers for Tuberculosis: Towards the Development of Field-Friendly Point-of-Care Tests*
- 11h00 - 11h30: State of the Art Presentation 3 – Mental Health and Neurosciences (Lecture Hall 6)
Dr William Griffith (Private Practice)
Title: *Masterson Approach: Confrontation as a therapeutic intervention in the treatment of the Borderline Disorder of the Self*
- 11h15 - 11h45: State of the Art Presentation 4 - Maternal and Child Health (Lecture Hall 12)
Dr Mike Urban (Division of Molecular Biology and Human Genetics)
Title: *Running to stand still: keeping up with developments in genetic and genomic diagnostics*
- 14h30 - 15h00: State of the Art Presentation 5 – Perioperative Sciences (Lecture Hall 8)
Prof Jacques Janson (Division of Cardiothoracic Surgery)
Title: *Replacing the Anterior Mitral Valve Leaflet with Autologous Jugular Vein in a Sheep Model*

GUEST SPEAKER / GASSPREKER

PROF CLIFTON E BARRY III

Title: Oxazolidinones for the treatment of TB: past, present and future



Professor Clifton E. Barry III received his Ph.D. in organic and bio-organic chemistry in 1989 from Cornell University, studying the biosynthesis of complex natural products. Following postdoctoral research in the chemistry department at Johns Hopkins University (1989 to 1992), Dr. Barry joined the Intramural Research Program of the National Institute of Allergy and Infectious Diseases' (NIAID's) Rocky Mountain Laboratories in Hamilton, Montana. In 1998, he was tenured as chief of the Tuberculosis Research Section (TRS) in the Laboratory of Clinical Infectious Diseases of NIAID. The TRS is a multidisciplinary group of research scientists comprised of biologists, chemists and clinicians who share a common focus on TB. TRS projects focus on understanding the scientific issues that facilitate the development of drugs that will make a difference in the outcome for TB patients globally. TRS scientists are highly interactive worldwide in this endeavor and as a result of its outstanding collaborations TRS is the most highly cited TB research group in the world according to Thomson Reuters. Dr Barry has authored over 250 publications in the scientific literature and has an h-index of 77. In addition to TRS laboratories in Bethesda, TRS works closely with the International Tuberculosis Research Center located in Masan, South Korea; with Chinese colleagues at the Henan Provincial Chest Hospital in Zhengzhou, China; and with colleagues at Stellenbosch University (SUN) and the University of Cape Town (UCT) in South Africa. Dr. Barry holds honorary appointments at UCT and SUN and has a growing laboratory in the Institute for Infectious Disease and Molecular Medicine.

State of the Art Presenters / Spiespuntvoordrag Aanbieders

State of the Art Presentation 1

Dr Kerrin Begg
(Division of Health Systems and Public Health)

Title: *A National Quality Strategic Framework for South Africa – an Imperative for NHI*

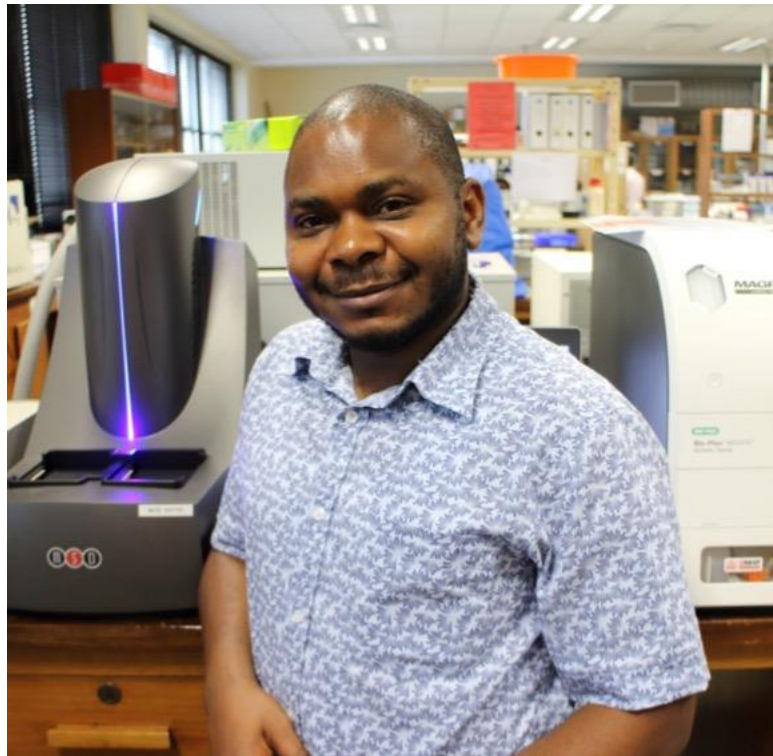


Dr Begg attained her MBChB at the University of Cape Town in 1994, a Diploma in Child Health in 1996 and a Diploma in Obstetrics in 1997. She obtained her Fellowship in Public Health Medicine (CMSA) in 2002. Her interests lie in health strategy, health policy, health systems strengthening, health leadership and management, mentorship and coaching, performance processes, organisational design and organisational culture. Dr Begg is currently Programme Co-ordinator for the newly launched Post-graduate Diploma in Healthcare Management, and Senior Lecturer in the Division of Health Systems and Public Health, at the Faculty of Medicine and Health Sciences at Stellenbosch University. She served as Activity Lead for the Quality Improvement and Data component of SUCCEED (Stellenbosch University Collaborative Capacity Enhancement through Engagement with Districts), a response to the Centres for Disease Control and Prevention (CDC) call for South African University-based technical assistance aimed at improving the quality and sustainability of HIV/AIDS and related services in South Africa under PEPFAR through targeted capacity strengthening.

State of the Art Presentation 2

Dr Novel Chegou (Division of Molecular Biology and Human Genetics)

Title: *Biomarkers for Tuberculosis: Towards the Development of Field-Friendly Point-of-Care Tests.*



Dr Chegou is currently a Senior Researcher in the Immunology Research Group, Division of Molecular Biology and Human Genetics, Department of Biomedical Sciences, Faculty of Medicine and Health Sciences, at Stellenbosch University. He was trained as a Medical Laboratory Scientist at the Faculty of Health Sciences, University of Buea, in Cameroon. After working briefly as a laboratory scientist in hospital laboratories, he moved to South Africa, where he enrolled as a BSc.Honours student here at the Faculty of Medicine and Health Sciences in the 2005 academic year. His BSc Honours studies were then followed by MSc (upgraded to PhD), Ph.D (2009) and post-doctoral studies in the field of Tuberculosis Immunology. Dr Chegou is an Infectious disease immunologist and his research work focuses particularly on tuberculosis immunology. He is currently working on biomarkers for the diagnosis of tuberculosis disease, biomarkers of protective immunity against Mycobacterium tuberculosis and biomarkers for monitoring of the response to tuberculosis treatment amongst others. He is particularly interested in the development of simple, field-friendly point-of-care diagnostic tests for the rapid diagnosis of TB disease as well as monitoring of the response to treatment in resource-constrained settings. He has co-authored 48 publications in peer-reviewed international journals, many conference presentations, and is listed as an inventor on seven patent applications on diagnostic biosignatures for tuberculosis disease. He is an NRF rated scientist.

State of the Art Presentation 3

**Dr William Griffith
(Private Practice)**

Title: *Masterson Approach: Confrontation as a therapeutic intervention in the treatment of the Borderline Disorder of the Self*

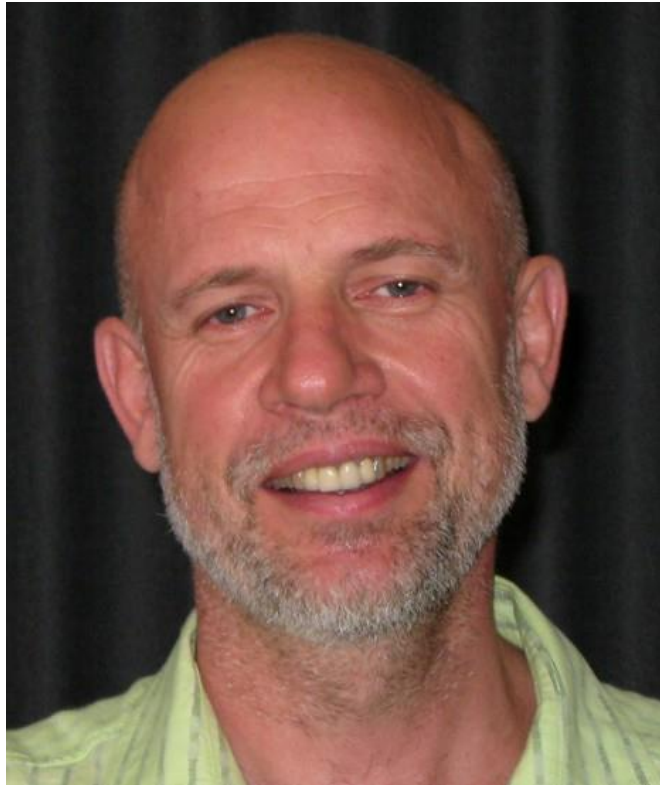


Dr William Griffith is a graduate and faculty member of The International Masterson Institute. He is Clinical Director of The Masterson Institute for Psychoanalytic Psychotherapy South Africa. Dr Griffith has been teaching and practicing psychology for the last 15 years. He was a faculty member in the Department of Psychiatry at the University of Pretoria, Consultant Clinical Psychologist at Weskoppies Psychiatric Hospital and lectured part time at the Department of Psychology at the University of Pretoria and University of the Western Cape. He entered private practice in 2006 and specialises in psychopathology and psychotherapy with children, adolescents and adult patients diagnosed with psychiatric disorders. He provides supervision for clinicians and long-term psychoanalytic psychotherapy for suitable candidates. William has presented at numerous national and international conferences and has published nationally and internationally.

State of the Art Presentation 4

Dr Mike Urban **(Division of Molecular Biology and Human Genetics)**

Title: *Running to stand still: keeping up with developments in genetic and genomic diagnostics*



Dr Michael (Mike) Urban is a paediatrician and sub-specialist Medical Geneticist and is currently head of the Clinical Unit of Medical Genetics and Genetic Counselling at Tygerberg Hospital and Stellenbosch University.. He completed undergraduate and paediatric training at the University of the Witwatersrand, and worked in paediatrics and neonatology. After completing sub-specialty training in Medical Genetics at the National Health Laboratory Service in Johannesburg he has practiced in medical genetics in Cape Town for over a decade. He has research interests in fetal alcohol syndrome, and in the appropriate clinical use of genetic and genomic testing in a developing country environment. His PhD explored fetal alcohol syndrome prevalence and risk factors in a range of South African environments.

State of the Art Presentation 5

Prof Jacques Janson (Division of Cardiothoracic Surgery)

Title: *Replacing the Anterior Mitral Valve Leaflet with Autologous Jugular Vein in a Sheep Model*



Prof Jacques Janson is Professor and Head of the Division of Cardiothoracic Surgery, Stellenbosch University and Tygerberg Hospital, a division which has one of the largest pediatric thoracic surgery programs in the country. He obtained his MBChB (University of Stellenbosch), MMed (Thor) cum laude (University of Stellenbosch), FCS (Cardio) (SA) (College of Cardiothoracic Surgeons of South Africa) and PhD (University of Stellenbosch) in 2016. Prof Janson has performed over 2000 open heart surgeries and over 700 major thoracic surgeries. He started a mitral valve repair program at Tygerberg Hospital in 2005 which is currently one of the largest programs in the country. He is also a leading team member of the Trans-catheter Heart valve program with Cardiology who performed the first transcatheter heart valves in Tygerberg Hospital. His research interest is in heart valve surgery and developing a living biological tissue valve from autologous vein. His PhD studies focused on the replacement of an anterior mitral valve leaflet with autologous jugular vein in a sheep model. He is interested in new surgical techniques in Cardiothoracic Surgery, such as the new technique for repair of a dislocated sternoclavicular joint using a sternal tension cable system which he published in the Annals of Thoracic Surgery in 2013, and are exploring techniques which could improve patient outcome.

Full Programme / Volledige Program

Theme 1 - Health Systems Strengthening / Tema 1 – Gesondheidsisteme Versterking	p15
Theme 2 - Infectious Diseases / Tema 2 - Infeksiesiektes	p20
Theme 3 - Mental Health and Neurosciences / Tema 3 – Geestesgesondheid en Neurowetenskappe	p30
Theme 4 - Non-communicable Diseases / Tema 4 – Nie-oordraagbare Siektes	p36
Theme 5 - Maternal and Child Health / Tema 5 – Moeder en Kind Gesondheid	p42
Theme 6 – Perioperative Sciences / Tema 6 – Perioperatiewe Wetenskappe	p48
Theme 7 - Violence, Injuries, Trauma and Rehabilitation / Tema 7 – Geweld, Beserings, Trauma en Rehabilitasie	p51

Theme 1 / Tema 1

Health Systems Strengthening / Gesondheidsisteme Versterking

Lecture Hall 7 / Lesingsaal 7

Welcome 08h20-08h30: Prof Usuf Chikte

FIRST SESSION / EERSTE SESSIE (Lecture Hall 7)

Session Chair / Sessie Voorsitter: Dr Kerrin Begg

- | | |
|-------------|--|
| 08h30-08h45 | BURDEN AND PROFILE OF SPINAL PATHOLOGY AT A MAJOR TERTIARY HOSPITAL IN THE WESTERN CAPE, SOUTH AFRICA
<u>SANESH MISEER</u>
(Abstract Nr 1) |
| 08h45-09h00 | EFFECTIVENESS OF PHYSIOTHERAPY VERSUS STANDARD MEDICAL CARE ON PAIN, DISABILITY, KINESIOPHOBIA AND PAIN CATASTROPHIZATION IN ADULT PATIENTS WITH NON-SPECIFIC ACUTE LOW BACK PAIN: A SYSTEMATIC REVIEW AND META-ANALYSIS
<u>COURTNEY-JADE NEL ET AL</u>
(Abstract Nr 2) |
| 09h00-09h15 | FACTORS ASSOCIATED WITH NON-ATTENDANCE OF SCHEDULED OCCUPATIONAL AND PHYSIOTHERAPY OUTPATIENT FOLLOW-UP APPOINTMENTS AT THE WESTERN CAPE REHABILITATION CENTRE (WCRC)
<u>MINAL ZAIDI ET AL</u>
(Abstract Nr 3) |
| 09h15-09h30 | LOST TO FOLLOW-UP: CHALLENGES TO CONDUCTING ORTHOPAEDIC RESEARCH IN SOUTH AFRICA
<u>DE LA REY BADENHORST</u>
(Abstract Nr 4) |
| 09h30-09h45 | DEVELOPING AN INNOVATIVE PRE-VOCATIONAL SCHOOL TO WORK PROGRAMME AT A SPECIAL SCHOOL IN CLOETESVILLE, STELLENBOSCH
<u>ZELDA COETZEE</u>
(Abstract Nr 5) |
| 09h45-10h00 | UNDERSTANDING COMMUNITY MOBILITY IN OLDER ADULTS WITHIN THE CAPE TOWN METROPOLE USING AN OCCUPATIONAL LENS
<u>RENE POTGIETER ET AL</u>
(Abstract Nr 6) |
| 10h00-10h30 | TEA AND POSTER DISCUSSIONS |

SECOND SESSION / TWEDE SESSIE (Lecture Hall 7)
Session Chair / Sessie Voorsitter: Dr Elize Archer

- 10h30-10h45 **A FRAMEWORK FOR EFFECTIVE DECENTRALISED TRAINING IN THE HEALTH PROFESSIONS**
MARIETJIE DE VILLIERS ET AL
(Abstract Nr 7)
- 10h45-11h00 **INITIAL IMPLEMENTATION OF AN INTEGRATED E-PORTFOLIO TO FACILITATE TRANSFORMATIVE LEARNING AND ENHANCE QUALITY TEACHING IN A PREDOMINANTLY DISTANCE LEARNING POSTGRADUATE PROGRAMME**
MARIETTE VOLSCHENK
(Abstract Nr 8)
- 11h00-11h15 **REFLECTING ON THE EVOLUTION OF THE FACULTY OF MEDICINE AND HEALTH SCIENCES RURAL CLINICAL SCHOOL**
JANA MULLER
(Abstract Nr 9)
- 11h15-11h30 **THE USE OF EMBODIED, ENACTED, AND INSCRIBED KNOWLEDGE TO ENHANCE POLICY DEVELOPMENT AND IMPLEMENTATION: A CASE STUDY OF A MENTAL HEALTH POLICY CONSULTATION PROCESS IN SOUTH AFRICA**
DEBBIE MARAIS
(Abstract Nr 10)
- 11h30-11h45 **USING THE JEFFERSON SCALE FOR EMPATHY FOR UNDERGRADUATE MEDICAL STUDENTS: A CROSS SECTIONAL STUDY**
ELIZE ARCHER
(Abstract Nr 11)

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

MAIN PROGRAMME / HOOFPROGRAM (Lecture Hall 11)

Session Chair / Sessie Voorsitter: Prof Nico C Gey van Pittius (Vice 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 Clifton E Barry III (Section Chief and Senior Investigator, Tuberculosis Research Section (TRS), Laboratory of Clinical Infectious Disease, National Institute of Allergy and Infectious Diseases (NIAID), US National Institutes of Health (NIH))

Presentation title: *"Oxazolidinones for the treatment of TB: past, present and future"*

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

THIRD SESSION / DERDE SESSIE (Lecture Hall 7)

Session Chair / Sessie Voorsitter: Yolande Smith & Lungi Nkonki

- 14h30-15h00 **STATE OF THE ART PRESENTATION 1**
A NATIONAL QUALITY STRATEGIC FRAMEWORK FOR SOUTH AFRICA – AN IMPERATIVE FOR NHI
KERRIN BEGG
(Abstract Nr 12)
- 15h00-15h15 **DETERMINING ADEQUACY OF NUTRITION SUPPORT IN TYGERBERG HOSPITAL**
KARLA LUTZELER ET AL
(Abstract Nr 13)
- 15h15-15h30 **DETERMINANTS OF SERUM 25-HYDROXYVITAMIN D LEVELS IN HEALTHY YOUNG ADULTS LIVING IN THE WESTERN CAPE, SOUTH AFRICA**
KIM KNIGHT ET AL
(Abstract Nr 14)
- 15h30-15h45 **ADAPTATION AND VALIDATION OF A VACCINE HESITANCY MEASURING TOOL IN SOUTH AFRICA**
ELIZABETH ODUWOLE
(Abstract Nr 15)
- 15h45-16h00 **THE EFFECT OF AN INTERACTIVE ELECTRONIC STORYBOOK ON VOCABULARY IN GRADE 1 XHOSA SPEAKING CHILDREN**
AMANDA MSINDWANA ET AL
(ABSTRACT NR 16)
- 16h00-16h15 **UNDERSTANDING XHOSA TRADITIONAL HEALERS' EXPERIENCE OF RECEIVING THE CALLING: ILLNESS, CONFLICT, AND BELONGING**
ASJ VAN DER WATT
(Abstract Nr 17)
- 16h15-16h30 Short Break
- 16h30-16h45 **HEALTH LEADERSHIP AND MANAGEMENT: A KEY ELEMENT OF HEALTH IMPROVEMENT AND SYSTEM PERFORMANCE**
KERRIN BEGG ET AL
(ABSTRACT NR 18)
- 16h45-17h00 **GLOBAL EMERGENCY CARE CLINICAL PRACTICE GUIDELINES: A LANDSCAPE ANALYSIS**
MICHAEL MCCAUL ET AL
(Abstract Nr 19)

17h00-17h15

**RAISING ETHICAL ISSUES IN THE DEAD: AN EXPLORATION OF
ETHICAL CHALLENGES IN FORENSIC MEDICINE**

CELESTE DE WAAL

(Abstract Nr 20)

17h15-17h30

Closing

POSTERS / PLAKKATE

1. BEING PARACELSUS – THE TOXICOLOGY EDUCATIONAL CARD GAME

CARINE MARKS ET AL

(Abstract Nr 21)

**2. EVALUATING PATIENT SATISFACTION WITH PRIMARY CARE CONSULTATIONS IN THE
HELDERBERG SUB-DISTRICT OF SOUTH AFRICA**

LAWSON EKSTEEN ET AL

(Abstract Nr 22)

**3. EVALUATING THE IMPACT OF ADHERENCE CLUBS ON THE CLINICAL OUTCOMES
AMONGST ART PATIENTS IN THE CAPE WINELANDS DISTRICT OF WESTERN CAPE
PROVINCE OF SOUTH AFRICA**

SUE-ANN MEEHAN ET AL

(Abstract Nr 23)

**4. IMPLEMENTING COMMUNITY-BASED ADHERENCE CLUBS FOR STABLE HIV-INFECTED
PATIENTS IN SOUTH AFRICA. LESSONS LEARNED FROM PATIENT AND HEALTH WORKER
EXPERIENCES.**

SUE-ANN MEEHAN ET AL

(Abstract Nr 24)

**5. INTERNAL RESEARCH FUNDING IN A HEALTH SCIENCE FACULTY, AN 8-YEAR REVIEW:
DID WE INVEST WISELY?**

TANIA BRODOVCKY ET AL

(Abstract Nr 25)

**6. NEGOTIATING CONFLICTING DISCOURSES AROUND CITATION AND PLAGIARISM IN
HEALTH INFORMATION SYSTEMS**

KARIS MOXLEY ET AL

(Abstract Nr 26)

**7. PERCEIVED ENABLERS AND CONSTRAINTS OF UNDERGRADUATE RESEARCH IN A
FACULTY OF MEDICINE AND HEALTH SCIENCES: WHAT ROLE DOES CHOICE PLAY?**

DEBBIE MARAIS ET AL

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8. POISONS INFORMATION SERVICE OF SOUTH AFRICA.

CHERYLYNN WIUM ET AL

(Abstract Nr 28)

**9. PREHOSPITAL PROVIDERS PERSPECTIVES FOR CLINICAL PRACTICE GUIDELINE
IMPLEMENTATION AND DISSEMINATION: STRENGTHENING GUIDELINE UPTAKE IN
SOUTH AFRICA.**

LYNN HENDRICKS ET AL

(Abstract Nr 29)

10. ROLES OF NURSES IN ENSURING QUALITY AND EFFECTIVENESS OF BLOOD SAMPLE COLLECTION DURING HOUSEHOLD VISITS

NOMSA APLENI ET AL
(Abstract Nr 30)

11. USE OF COCHRANE NUTRITION REVIEWS IN GUIDELINES: APPRAISING THE "PAYBACK" ON INVESTING IN NUTRITION EVIDENCE SYNTHESIS

KIM ANH NGUYEN ET AL
(Abstract Nr 31)

Theme 2 / Tema 2

Infectious Diseases/Infeksiesiektes

Lecture Hall 11 / Lesingsaal 11

Welcome 08h20-08h30: Prof Andrew Whitelaw

FIRST SESSION / EERSTE SESSIE (Lecture Hall 11)

Chairperson / Voorsitter: Dr Mae Newton-Foot

- 08h30-08h45: **A STUDY OF CHRISAL PROBIOTICS FOR MORE EFFICIENT CLEANING IN TYGERBERG BURNS UNIT AND AS A METHOD OF DECREASING NOSOCOMIAL INFECTIONS.**
WAYNE KLEINTJES, EDWIN KOTZEE, ANDREW WHITELAW, RISHIKA PRAG, MISHAL EBRAHIM
(Abstract Nr 1)
- 08h45-09h00: **ACUTE MYOCARDITIS - CLINICAL PRESENTATION, AETIOLOGY AND SHORT-TO-MEDIUM TERM OUTCOMES IN A SINGLE CENTRE IN SUB-SAHARAN AFRICA.**
KARIM HASSAN, PHILIP HERBST, ANTON DOUBELL, GERT VAN ZYL, DAN ZAHARIE, CHARLES KYRIAKAKIS
(Abstract Nr 2)
- 09h00-09h15: **A CLUSTER FOR AN IRON-SULPHUR CLUSTER SYNTHESIS REGULATOR.**
DANICKE WILLEMSE, BRANDON WEBER, ROBIN WARREN, SALVATORE ADINOLFI, ANNALISA PASTORE, MONIQUE WILLIAMS
(Abstract Nr 3)
- 09h15-09h30: **ANTIRETROVIRAL THERAPEUTIC DRUG MONITORING IN CHILDREN AT TYGERBERG HOSPITAL_ 2012-2017.**
ANTON ENGELBRECHT, JENNIFER NORMAN, LUBBE WIESNER, HELENA RABIE, ERIC DECLOEDT
(Abstract Nr 4)
- 09h30-09h45: **EARLY CONTINUOUS ART AND SUCCESSFUL VIRAEMIC CONTROL IN FIRST 2 YEARS OF THERAPY PREDICTS HIV-1 PERSISTENCE AFTER 8 YEARS ON TREATMENT.**
KIRSTEN VELDSMAN, SHAHIEDA ISAACS, CHARISE CILLIERS, NITA JANSE VAN RENSBURG, BARBARA LAUGHTON, MARK COTTON, GERT VAN ZYL
(Abstract Nr 5)
- 09h45-10h00: **ORAL, SPUTUM AND GUT MICROBIOTA ARE DISRUPTED IN TREATMENT-NAÏVE PATIENTS WITH ACTIVE TUBERCULOSIS.**
CHARISSA NAIDOO, GEORGINA NYAWO, ZAIDA PALMER, YONGHUA LI, BENJAMIN WU, GERHARD WALZL, ROBIN WARREN, LEOPOLDO SEGAL, GRANT THERON
(Abstract Nr 6)
- 10h00-10h30: **BREAK: TEA AND POSTER DISCUSSION**

SECOND SESSION / TWEEDE SESSIE (Lecture Hall 11)

Chairperson / Voorsitter: Prof Gert van Zyl

- 10h30-10h45: **THE POTENTIAL OF RIFABUTIN FOR THE TREATMENT OF RIFAMPICIN RESISTANT TUBERCULOSIS.**
MICHAEL WHITFIELD, ROB WARREN, VANESSA MATHYS, LESLEY SCOTT, WENDY STEVENS, ELIZMA STREICHER, GUIDO GROENEN, ELISE DE VOS, ANNELIES VAN RIE
(Abstract Nr 7)
- 10h45-11h00: **BASELINE CD4 COUNT AS A PREDICTOR OF CLINICAL OUTCOMES WHEN PROVIDING ANTIRETROVIRAL TREATMENT REGARDLESS OF CD4 COUNT AT GOVERNMENT CLINICS WITHIN THE HPTN 071 (POPART) TRIAL.**
PETER BOCK ON BEHALF OF HPTN 071 (POPART) TEAM
(Abstract Nr 8)
- 11H00-11H15: **VARIABLE CLINICAL AND MOLECULAR PHENOTYPES OF IFNGR1 MUTATIONS IN MENDELIAN SUSCEPTIBILITY TO MYCOBACTERIAL DISEASE IN SOUTH AFRICA.**
ANSIA VAN COLLER, BRIGITTE GLANZMANN, MARLO MÖLLER, CRAIG KINNEAR, CAITLIN UREN, MICHAEL URBAN, MARDELLE SCHOEMAN, MONIKA ESSER, RICHARD GLASHOFF
(Abstract Nr 9)
- 11H15-11H30: **GENOME-WIDE ASSOCIATIONS BETWEEN HOST GENOTYPES AND M. TUBERCULOSIS.**
STEPHANIE PITTS, MARLO MÖLLER, EILEEN HOAL, HAIKO SCHURZ, ELIZABETH STREICHER, ROB WARREN, GIAN VAN DER SPUY, GERARD TROMP, CRAIG KINNEAR
(Abstract Nr 10)
- 11H30-11H45: **RANDOMIZED TRIAL OF SAFETY OF ISONIAZID PREVENTIVE THERAPY DURING OR AFTER PREGNANCY.**
GERHARD THERON, AMITA GUPTA, GRACE MONTEPIEDRA, LISA AARON, TIMOTHY STERLING, KATIE MCCARTHY, TSUNGAI CHIPATO, ADRIANA WEINBERG
(Abstract Nr 11)
- 11h45-12h15 **LUNCH** (Foyer between Lecture Hall 11 and 12) and **POSTER DISCUSSIONS**

MAIN PROGRAMME / HOOFPROGRAM (Lecture Hall 11)

Session Chair / Sessie Voorsitter: Prof Nico C Gey van Pittius (Vice 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 Clifton E Barry III (Section Chief and Senior Investigator, Tuberculosis Research Section (TRS), Laboratory of Clinical Infectious Disease, National Institute of Allergy and Infectious Diseases (NIAID), US National Institutes of Health (NIH))

Presentation title: *"Oxazolidinones for the treatment of TB: past, present and future"*

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

THIRD SESSION / DERDE SESSIE (Lecture Hall 11)

Chairperson / Voorsitter: Prof Colin Kenyon

14h30-15h00: **STATE OF THE ART PRESENTATION 2
BIOMARKERS FOR TUBERCULOSIS: TOWARDS THE DEVELOPMENT OF
FIELD-FRIENDLY POINT-OF-CARE TESTS**
DR NOVEL CHEGOU

15h00-15h15: **ANALYSIS OF CYTOMEGALOVIRUS UL97 DRUG RESISTANCE MUTATIONS
IN PATIENTS RECEIVING GANCICLOVIR.**
NOKWAZI NKOSI, S. KORSMAN, H. SMUTS, N. HSIAO
(Abstract Nr 12)

15h15-15h30: **CARRIAGE OF RESISTANT ENTEROBACTERIACEAE IN CAPE TOWN
CHILDREN.**
REMOUS OCLOO, PROF. ANNEKE. C HESSELING, DR ANNE-MARIE DEMERS, PROF.
ANDREW WHITELAW, DR. MAE NEWTON-FOOT
(Abstract Nr 13)

15h30-15h45: **DECIPHERING THE TRANSCRIPTOMIC STRESS RESPONSE OF
MYCOBACTERIUM SMEGMATIS.**
NASTASSJA STEYN, TIAAN HEUNIS, MONIQUE WILLIAMS, SAMANTHA SAMPSON,
NICO GEY VAN PITTIUS, ROB WARREN
(Abstract Nr 14)

15h45-16h00 **HIGH FREQUENCY OF PHENOTYPIC BEDAQUILINE-RESISTANCE IN
PROGRAMMATICALLY-TREATED PATIENTS WITH UNFAVOURABLE
CLINICAL OUTCOMES.**
BRIGITTA DERENDINGER, MARGARETHA DE VOS, FRIK SIRGEL, TANIA DOLBY,
SIEMON GABRIELS, LEEN RIGOUTS, ROBIN WARREN, GRANT THERON
(Abstract Nr 15)

16h00-16h15: **SPINAL TUBERCULOSIS IN CHILDREN: TREATMENT DURATION AND
ORTHOPAEDIC FOLLOW-UP AT A MAJOR TERTIARY HOSPITAL IN THE
WESTERN CAPE.**
THERESA MANN, JOHAN DAVIS, HS SCHAAF, ROBIN DYERS
(Abstract Nr 16)

POSTERS / PLAKKATE

1. **A PUTATIVE NEW HIV-1 A, C, D COMPLEX CIRCULATING RECOMBINANT FORM (CRF)
IS EMERGING IN SOUTH AFRICA.**
OLIVETTE VARATHAN, GRAEME BRENDON JACOBS, SUSAN ENGELBRECHT
(Abstract Nr 17)

2. **CLOSTRIDIUM DIFFICILE ASSOCIATED DIARRHOEA IN A SOUTH AFRICAN TERTIARY HOSPITAL POPULATION: A RETROSPECTIVE, DESCRIPTIVE STUDY.**
LEDERI KEARNEY, JANTJIE TALJAARD, ANDREW WHITELAW
 (Abstract Nr 18)
3. **COMBINING DATASETS FROM DIFFERENT BIOTECHNOLOGICAL PLATFORMS FOR INTEGRATIVE BIOINFORMATIC ANALYSIS IN THE CONTEXT OF TB BIOMARKER DISCOVERY.**
ELIZNA MAASDORP, GERARD TROMP
 (Abstract Nr 19)
4. **CORRELATION OF THE MYCOBACTERIAL KILLING CAPACITY OF NATURAL KILLER CELLS WITH THE NUMBER OF ACTIVATING KILLER IMMUNOGLOBULIN-LIKE RECEPTORS EXPRESSED ON THEIR SURFACES.**
TALANI VAN SCHALKWYK, DR MARLO MÖLLER, DR CRAIG KINNEAR, PROF EILEEN HOAL
 (Abstract Nr 20)
5. **DE NOVO ASSEMBLY OF AN ADMIXED HUMAN GENOME.**
ANEL SPARKS, CRAIG J. KINNEAR, BRIGITTE GLANZMANN, PAUL D. VAN HELDEN, EILEEN G. HOAL, GIAN D. VAN DER SPUY, GERARD TROMP, MARLO MÖLLER
 (Abstract Nr 21)
6. **DECIPHERING THE MECHANISMS OF ISONIAZID RESISTANCE IN MYCOBACTERIUM TUBERCULOSIS WITH WHOLE GENOME SEQUENCING.**
SIMONÉ NAGEL, ELIZABETH M. STREICHER, MARISA KLOPPER, ANZAAN DIPPENAAR, MARGARETHA DE VOS, CINDY-LOU HAYES, SCOTT BURNS, ROBIN M. WARREN, PAUL D. VAN HELDEN, JAMES E. POSEY
 (Abstract Nr 22)
7. **DETERMINING THE HOST RANGE OF NEOROMICIA CAPENSIS CORONAVIRUS BY USING VIRAL PSEUDOPARTICLES.**
ANDREA KOTZÉ, WOLFGANG PREISER, TASNIM SULIMAN
 (Abstract Nr 23)
8. **DEVELOPING BEST PRACTICES AND IMPLEMENTING A PIPELINE FOR THE ANALYSIS OF MULTIPLEX IMMUNOASSAYS DATA FOR BIOMARKER DISCOVERY.**
NCITÉ L. DA CAMARA, GERARD TROMP
 (Abstract Nr 24)
9. **DEVELOPMENT OF DIRECT DETECTION TOOLS FOR THE DIAGNOSIS OF TUBERCULOSIS IN AFRICAN ELEPHANTS AND RHINOCEROS.**
WYNAND J. GOOSEN, TANYA KERR, PETER E. BUSS, JOSEPHINE CHILESHE, CANDICE DE WAAL, EDUARD ROOS, PAUL VAN HELDEN, SVEN D.C. PARSONS, MICHELE A. MILLER
 (Abstract Nr 25)
10. **DIFFERENTIAL GENE EXPRESSION IN ANTIGEN STIMULATED WHOLE BLOOD FROM PATIENTS WITH TUBERCULOSIS AND TUBERCULOSIS-DIABETES COMORBIDITY.**
HAPPY TSHIVHULA, LEANIE KLEYNHANS, GERHARD WALZL, KATHARINA RONACHER
 (Abstract Nr 26)
11. **DISSECTING QC VARIABILITY IN MID-SCALE "SHOTGUN" PROTEOMIC DATA.**
MARINA PAUW, DAVID TABB
 (Abstract Nr 27)
12. **DIVERSITY AND ECOLOGY OF ASTROVIRUSES IN SOUTH AFRICAN BATS.**

- KARLIEN BARNARD, PROF WOLFGANG PREISER, DR STACEY SCHULTZ-CHERRY, DR NDAPEWA L. ITHETE
(Abstract Nr 28)
13. **DIVERSITY OF PARAMYXOVIRUS-RELATED SEQUENCES IDENTIFIED IN SOUTH AFRICAN SHREWS.**
BRONWYN KLEINHANS, DR NDAPEWA ITHETE, PROF SONJA MATTHEE, PROF CORRIE SCHOEMAN, PROF WOLFGANG PREISER
(Abstract Nr 29)
14. **EFFECT OF PHARMACOLOGICALLY-INDUCED MYELOID DERIVED SUPPRESSOR CELL MATURATION ON IMMUNE REACTIVITY AGAINST MYCOBACTERIUM TUBERCULOSIS.**
VINZEIGH LEUKES, NELITA DU PLESSIS, ANCA DORHOI, GERHARD WALZL
(Abstract Nr 30)
15. **ELUCIDATING THE POSITION OF ESX-3 COMPONENTS IN THE MEMBRANE OF MYCOBACTERIUM SMEGMATIS.**
CAITLYNE YOUNG, PROFESSOR SAMANTHA LEIGH SAMPSON, DR NASTASSJA KRIEL
(Abstract Nr 31)
16. **EVALUATION OF EFFECTS OF READ LENGTH AND SEQUENCING DEPTH ON EXPERIMENTAL DESIGN OF RNA-SEQUENCING EXPERIMENTS.**
DARRYN ZIMIRE, GERARD TROMP
(Abstract Nr 32)
17. **FEASIBILITY OF ULTRA-DEEP HIGH FIDELITY AMPLICON SEQUENCING (SMOR) ON GENOMIC DNA FROM USED XPERT MTB/RIF (G4 AND ULTRA) CARTRIDGES FOR FULL GENOTYPIC DRUG SUSCEPTIBILITY TESTING.**
ROUXJEANE VENTER, ELIZABETH STREICHER, ROBIN WARREN, MARGARETHA DE VOS, FRIK SIRGEL, ASHLEY RUITERS, CHRISTOPHER ALLENDER, JOHN METCALFE, DAVE ENGELTHALER, GRANT THERON
(Abstract Nr 33)
18. **GENOTYPIC ANALYSES OF HIV-1 INTEGRASE FROM SOUTH AFRICAN PATIENTS FAILING FIRST AND SECOND LINE ANTIRETROVIRAL TREATMENT.**
ADETAYO, KAMALENDRA, MATHILDA, RUBEN, UJJWAL, GRAEME
(Abstract Nr 34)
19. **GLOBAL TRANSCRIPTOMIC INVESTIGATION OF HUMAN MACROPHAGE RESPONSE TO INFECTION WITH PATHOGENIC/NON-PATHOGENIC MYCOBACTERIA.**
ABHILASHA MADHVI
(Abstract Nr 35)
20. **HIV TESTING PATTERNS IN TWO COMMUNITY-BASED APPROACHES TO UNIVERSAL TEST AND TREAT IN THE HPTN 071 (POPART) INTERVENTION IN SOUTH AFRICA.**
BLIA YANG, ROSA SLOOT, SIAN FLOYD, YVONNE SAUNDERS, DOLAPO AWONIYI, JACQUELINE HLALUKANA, PHUMLANI RAMNCWANA, SHELDON HENDRICKS, ABDUL SAKOOR, PHUMZA SIBOTO, BONGIWE CIMI, SAM GRIFFITH, PETER BOCK, HELEN AYLES, SARAH FIDLER, RICHARD HAYES, NULDA BEYERS
(Abstract Nr 36)
21. **IMPORTANT VIRUSES WITH ZOO NOTIC POTENTIAL IN SOUTH AFRICAN BATS AND THEIR ASSOCIATED ECTOPARASITES: INFLUENZA A VIRUSES, HANTAVIRUSES AND INSECT-SPECIFIC VIRUSES.**
KARMISTHA POOVAN, NDAPEWA L. ITHETE, WOLFGANG PREISER

(Abstract Nr 37)

22. **INVESTIGATION OF THE EFFECT OF CURDLAN-FUNCTIONALIZED PLGA NANOPARTICLES ON MYCOBACTERIUM TUBERCULOSIS INFECTED RAW264.7 MACROPHAGES.**

S. DU PLESSIS, S.L. SAMPSON, A. DUBE

(Abstract Nr 38)

23. **INVESTIGATION OF X-CHROMOSOME VARIANTS IN SUSCEPTIBILITY TO PULMONARY TUBERCULOSIS: AN XWAS APPROACH.**

HAIKO SCHURZ, CRAIG KINNEAR, STEPHANIE PITTS, GENEVIEVE L WOJCIK, PAUL D VAN HELDEN, CHRIS R GIGNOUX, BRENNAN HENN, GERARD TROMP, EILEEN HOAL, MARLO MÖLLER

(Abstract Nr 39)

24. **MORTALITY AMONGST HIV-POSITIVE FEMALE TUBERCULOSIS PATIENTS IN SOUTH AFRICA.**

MM CLAASSENS, C VAN SCHALKWYK, R DUNBAR, P NAIDOO, M BORGDOFF

(Abstract Nr 40)

25. **MOTIVATING PEOPLE LIVING WITH HIV TO INITIATE ANTIRETROVIRAL TREATMENT AT HIGH CD4 COUNTS IN THREE HPTN 071 (POPART) HEALTH FACILITIES IN THE WESTERN CAPE, SOUTH AFRICA.**

CONSTANCE MUBEKAPI- MUSADAIDZWA, DILLON WADEMAN, NESHAAN PETTON, GABRIELA CAROLUS, PORTIA HENDRICKS, RHEINER MBAEZUE, JAMES KRUGER, FRANCOISE LOUIS, PETER, KAREN JENNINGS, COLETTE GUNST, NELIS GROBBELAAR, GRAEME HODDINOTT

(Abstract Nr 41)

26. **MOUSE MACROPHAGES DISPLAY DIFFERENTIAL EXPRESSION OF CERTAIN CELL-SURFACE RECEPTOR AND SIGNALLING GENES WHEN COMPARING INFECTION BETWEEN PATHOGENIC AND NON-PATHOGENIC MYCOBACTERIA**

RAY-DEAN PIETERSEN, JEANIE SIEBERHAGEN, GINA LEISCHING, CAREL VAN HEERDEN, BIENYAMEEN BAKER

(Abstract Nr 42)

27. **MYCOBACTERIAL GENOMIC DNA FROM USED XPERT MTB/RIF ULTRA CARTRIDGES CAN BE UTILISED FOR ACCURATE SECOND-LINE GENOTYPIC DRUG SUSCEPTIBILITY TESTING.**

STEPHANIE MINNIES, ROUXJEANE VENTER, BRIGITTA DERENDINGER, MARGARETHA DE VOS, CHARISSA NAIDOO, ROB WARREN, GRANT THERON

(Abstract Nr 43)

28. **NANOTECHNOLOGY IN ANALYTICAL AND DRUG DEVELOPMENT RESEARCH.**

GASEN NAIDOO, SARFARAAZ VALLIE

(Abstract Nr 44)

29. **NO EVIDENCE OF A MODULATING EFFECT IN M. BOVIS INFECTED AFRICAN LIONS BY FIV: A PILOT STUDY.**

TASHNICA TAIME SYLVESTER, PAUL VAN HELDEN, ANDRE G. LOXTON, MICHELE A. MILLER, SVEN D.C. PARSONS

(Abstract Nr 45)

30. **PARALLEL TESTING USING THE SINGLE COMPARATIVE INTRADERMAL TUBERCULIN TEST (SCITT) AND AN INTERFERON GAMMA RELEASE ASSAY (IGRA) INCREASES DETECTION OF MYCOBACTERIUM BOVIS-INFECTED AFRICAN BUFFALOES (SYNCERUS CAFFER).**

- NETANYA BERNITZ, WYNAND GOOSEN, CHARLENE CLARKE, EDUARD ROOS, TANYA KERR, ROXANNE HIGGIT, ROBIN WARREN, PAUL VAN HELDEN, DAVE COOPER, SVEN PARSONS, MICHELE MILLER
(Abstract Nr 46)
31. **PATTERNS OF FACILITY-BASED HIV TESTING SERVICES (HTS) AT TWO PUBLIC HEALTH FACILITIES PARTICIPATING IN THE HPTN 071 (POPART) UNIVERSAL TEST-AND-TREAT INTERVENTION, IN CAPE TOWN, SOUTH AFRICA.**
KERRY NEL, ROSA SLOOT, MUHAMMAD OSMAN, NULDA BEYERS, PETER BOCK, KAREN JENNINGS
(Abstract Nr 47)
32. **PERIPHERAL BLOOD MYELOID-DERIVED SUPPRESSOR CELLS EXPRESS THE SURFACE PROTEINS TOLL-LIKE RECEPTOR 4 AND CAVEOLIN-1 DURING ACTIVE TB DISEASE.**
LEIGH ANN KOTZÉ, ANDREA GUTSCHMIDT, MARTIN KIDD, NELITA DU PLESSIS, GERHARD WALZL
(Abstract Nr 48)
33. **PHARMACOKINETIC STUDY OF ANTI-TB DRUG PAS AND METABOLITES AND ITS POSSIBLE RELATIONSHIP WITH THE DEVELOPMENT OF TOXICITY.**
KIM ADAMS, HELMUTH REUTER, MARIETJIE STANDER
(Abstract Nr 49)
34. **THE CLINICAL PRESENTATION AND TREATMENT OUTCOMES OF INFANTS WITH TUBERCULOSIS IN CAPE TOWN, SOUTH AFRICA.**
RUTH ARYAO
(Abstract Nr 50)
35. **THE EFFECTS OF HIV-PROTEINS AND ANTIRETROVIRAL THERAPY ON AORTIC ENDOTHELIAL CELLS (AECS).**
CLARA MARINCOWITZ, HANS STRIJDOM, SANA CHARANIA, AMANDA GENIS
(Abstract Nr 51)
36. **THE HUMORAL IMMUNE RESPONSE IN TUBERCULOUS MENINGITIS: AN IMMUNOHISTOCHEMICAL ANALYSIS.**
S.D. ZAHARIE, S.L. VAN ELSLAND, D.J. FRANKEN, M. VAN DER KUIP, A.M. VAN FURTH
(Abstract Nr 52)
37. **TUBERCULOUS LYMPHADENITIS IS ASSOCIATED WITH CHANGES IN THE MICROBIOME AT THE SITE OF DISEASE.**
GEORGINA NYAWO, CHARISSA NAIDOO, BENJAMIN WU, PAWEL SCHUBERT, ROBIN WARREN, LEOPOLDO SEGAL, GRANT THERON
(Abstract Nr 53)
38. **UNDETECTED ISONIAZID MONO RESISTANCE IN THE RURAL EASTERN CAPE PROVINCE.**
CHARNAY VAN DER MERWE
(Abstract Nr 54)
39. **USING AERIAL PHOTOGRAPHY IN LONGITUDINAL COMMUNITY STUDIES.**
MARK THEART
(Abstract Nr 55)
40. **VALIDATION OF A FLUORESCENT REPORTER FOR MONITORING RV1460 EXPRESSION IN VIVO.**
LUCINDA BAATJIES
(Abstract Nr 56)

41. **VALIDATION OF A NOVEL INTERFERON GAMMA RELEASE ASSAY FOR DETECTION OF MYCOBACTERIUM BOVIS INFECTION IN FREE-RANGING AFRICAN RHINOCEROS (DICEROS BICORNIS, CERATOTHERIUM SIMUM).**
JOSEPHINE CHILESHE, WYNAND GOOSEN, EDUARD ROOS, PETER E. BUSS, SVEN D.C. PARSONS, PAUL VAN HELDEN, MICHELE A. MILLER
(Abstract Nr 57)
42. **"NGO-INITIATED RESEARCH – TRANSLATING COMMUNITY NEEDS TO ACADEMIA".**
DR ANA HOUSTON, PROF WOLFGANG PREISER, PROF MONIKA ESSER
(Abstract Nr 58)
43. **AUTOPHAGIC CLEARANCE OF MYCOBACTERIUM TUBERCULOSIS; HOW INVOLVED IS PARKIN?**
NAOMI OKUGBENI, BEN LOOS, GLYNIS JOHNSON, CRAIG KINNEAR
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44. **EVIDENCE OF PERSISTING CHRONIC INFLAMMATION IN EARLY TREATED HIV INFECTED CHILDREN AT 8 YEARS OF AGE: IS GUT PERMEABILITY TO BLAME?**
SHALENA NAIDOO, TONGAI MAPONGA, BARBARA LAUGHTON, MARK COTTON, RICHARD GLASHOFF
(Abstract Nr 60)
45. **PERCUTANEOUS PERICARDIOSCOPY IN A POPULATION WITH A HIGH PREVALENCE OF TUBERCULOUS PERICARDITIS – IMPROVING THE DIAGNOSTIC YIELD AND ADVANCING THE TIME TO DIAGNOSIS**
CHARLES KYRIAKAKIS, ANDREW WHITELAW, WILLIAM BATES, MAE NEWTON-FOOT, CORNELIA RAUTENBACH, ANTON DOUBELL
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46. **EVIDENCE OF PERSISTING CHRONIC INFLAMMATION IN EARLY TREATED HIV INFECTED CHILDREN AT 8 YEARS OF AGE: IS GUT PERMEABILITY TO BLAME?**
SHALENA NAIDOO, TONGAI MAPONGA, BARBARA LAUGHTON, MARK COTTON, RICHARD GLASHOFF
(Abstract Nr 62)
47. **COMPARISON OF XPERT MTB/RIF (G4) AND XPERT MTB/RIF ULTRA DIAGNOSTIC ACCURACIES IN PATIENTS WITH A RECENT HISTORY OF TUBERCULOSIS**
HRIDESH MISHRA, BYRON REEVE, JUDY CLADWELL, TANIA DOLBY, JOHN SIMPSON, ROBIN WARREN, GRANT THERON
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48. **CLONAL EXPANSION OF COLISTIN RESISTANT ACINETOBACTER BAUMANNII ISOLATES IN TYGERBERG HOSPITAL, SOUTH AFRICA**
YOLANDI SNYMAN, ANDREW CHRISTOPHER WHITELAW, MOTLATJI RERATILWE BONNIE MALOBA, MAE NEWTON-FOOT
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TRISHA PARBHOO, JOMIEN MOUTON, SAMANTHA SAMPSON
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- HEIJDEN, ROB M WARREN, LIZMA M STREICHER
(Abstract Nr 66)
51. **HOW DOES XPERT ULTRA COMPARE TO XPERT MTB/RIF IN PATIENTS WITH TB SYMPTOMS IN A MIXED ANCESTRY AND AFRICAN POPULATION IN CAPE TOWN, SOUTH AFRICA?**
BYRON REEVE, ZAIDA PALMER, GRANT THERON, HRIDESH MISHRA
(Abstract Nr 67)
52. **INVESTIGATING THE ROLE OF A NOVEL PROTEIN IN IRON-SULPHUR CLUSTER BIOGENESIS IN MYCOBACTERIA**
NANDI NIEMAND, DR MJ WILLIAMS, DR BW WEBER
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53. **DRIED PLASMA SPOT TESTING: A POSSIBLE SOLUTION TO ENHANCE BLOOD TRANSFUSION SAFETY IN AFRICA**
CHARLOTTE PISTORIUS, WOLFGANG PREISER, ARTHUR RICHARD BIRD
(Abstract Nr 69)
54. **IMPACT OF IRON ON BIOFILM FORMATION IN MYCOBACTERIUM SMEGMATIS**
TSAONE TAMUHLA, DANICKE WILLEMSE, MONIQUE JOY WILLIAMS
(Abstract Nr 70)
55. **LONGITUDINAL CHANGE IN HOST TRANSCRIPTOME DURING TUBERCULOSIS DISEASE PROGRESSION**
STUART MEIER, GERARD TROMP
(Abstract Nr 71)
56. **LONGITUDINAL TRANSCRIPTOMIC PROFILING OF WHOLE BLOOD DURING TUBERCULOSIS TREATMENT**
TRUST ODIA, STUART MEIER, GERARD TROMP
(Abstract Nr 72)
57. **NEURODEVELOPMENTAL OUTCOME AT 11 MONTHS IN HIV-INFECTED INFANTS INITIATING VERY EARLY ANTIRETROVIRAL THERAPY**
BARBARA LAUGHTON, SHALENA NAIDOO, ELS DOBBELS, MICHAEL BOIVIN, KIRSTEN VELDSMAN, MARY-GRACE KATUSIIME, ANITA JANSE VAN RENSBURG, RICHARD GLASHOFF, GERT VAN ZYL, MARIANA KRUGER, MARK COTTON
(Abstract Nr 73)
58. **THE EPIDEMIOLOGY AND VIRULENCE CHARACTERISTICS OF STAPHYLOCOCCUS AUREUS ISOLATES FROM BACTERAEMIC PATIENTS AT TYGERBERG HOSPITAL, SOUTH AFRICA**
AMIKE VAN RIJSWIJK, MAE NEWTON-FOOT, SHIMA ABDULGADER, ANDREW WHITELAW
(Abstract Nr 74)
59. **IMPACT OF AN ONLINE INTERACTIVE EDUCATIONAL TOOL AS AN ADJUNCT TO COMMUNITY ENGAGEMENT AND INFORMED CONSENT PRACTICES IN HIV CLINICS IN THE WESTERN CAPE**
MELANY L. HENDRICKS, ZULPHA GEYER, FARAH CASSIM, KEYMANTHRI MOODLEY
(Abstract Nr 75)
60. **THE EFFECT OF ENVIRONMENTAL CONDITIONS ON GROWTH AND PHENOTYPE SWITCHING IN MYCOBACTERIUM SMEGMATIS**
DAVINA-NELSON APIYO, SAMANTHA SAMPSON, JACOBA MOUTON, TOBIAS LOUW
(Abstract Nr 76)

61. **WHAT IS THE PREVALENCE OF HUMAN PAPILLOMAVIRUS AND HUMAN ADENOVIRUS ISOLATED FROM EXCISED PTERYGIA IN A SOUTHERN**
ERNST VAN DER MERWE
(Abstract Nr 77)
62. **IN-HOSPITAL MORTALITY OF ACUTE KIDNEY INJURY IN THOSE WITH AND WITHOUT HIV AT A TERTIARY HOSPITAL IN SOUTH AFRICA: A 2-YEAR RETROSPECTIVE COHORT STUDY**
NIKASH RAMSUNDER, MOGAMAT-YAZIED CHOTHIA
(Abstract Nr 78)

Theme 3 / Tema 3

Mental Health and Neurosciences/Geestesgesondheid en Neurowetenskappe

Lecture Hall 6 / Lesingsaal 6

Welcome 08h20-08h30: Dr C van der Merwe

FIRST SESSION / EERSTE SESSIE (Lecture Hall 6)

Session Chair / Sessie Voorsitter: Dr C van der Merwe

- | | |
|-------------|---|
| 08h30-08h45 | AN ATTEMPT TO STEM THE TIDE: EXPLORING THE EFFECT OF A 90-DAY TRANSITIONAL CARE INTERVENTION ON READMISSIONS TO AN ACUTE MALE PSYCHIATRIC UNIT IN SOUTH AFRICA
<u>ULLA BOTHA, et al.</u>
(Abstract Nr 1) |
| 08h45-09h00 | BURNOUT AMONG RURAL HOSPITAL DOCTORS IN THE WESTERN CAPE: COMPARISON WITH PREVIOUS SOUTH AFRICAN STUDIES
<u>FRANCOIS COETZEE, et al.</u>
(Abstract Nr 2) |
| 09h00-09h15 | MEDICAL STUDENTS' EXPERIENCES OF MISTREATMENT BY CLINICIANS AND ACADEMICS AT STELLENBOSCH UNIVERSITY AND TYGERBERG HOSPITAL, SOUTH AFRICA
<u>KATHLEEN EVA CROMBIE, et al.</u>
(Abstract Nr 3) |
| 09h15-09h30 | PROFILES OF TRADITIONAL HEALERS AND THEIR HEALING PRACTICES IN EASTERN CAPE PROVINCE OF SOUTH AFRICA
<u>NTOMBINELE MENZE, et al.</u>
(Abstract Nr 4) |
| 09h30-09h45 | ENABLING HEALTH AND WELLBEING IN LATER LIFE: A CROSS-SECTIONAL SURVEY OF THE ROLE OF OCCUPATIONAL THERAPY IN CARE HOMES IN SOUTH AFRICA
<u>NICOLA ANN PLASTOW, et al.</u>
(Abstract Nr 5) |
| 09h45-10h00 | RELIABILITY AND VALIDITY OF THE STUTTERING SEVERITY INSTRUMENT (SSI): A SCOPING REVIEW
<u>JILLIAN PETERSEN, et al.</u>
(Abstract Nr 6) |
| 10h00-10h30 | TEA AND POSTER DISCUSSIONS |

SECOND SESSION / TWEEDE SESSIE (Lecture Hall 6)

Session Chair / Sessie Voorsitter: Dr L Weich

- 10h30-10h45 **CANNABIS USE AND HIPPOCAMPAL SUBFIELD VOLUME IN FIRST EPISODE SCHIZOPHRENIA**
FREDERIKA SCHEFFLER, et al.
(Abstract Nr 7)
- 10h45-11h00 **CHILDHOOD TRAUMA AND HIPPOCAMPAL SUBFIELDS IN FIRST-EPISODE SCHIZOPHRENIA**
STÉFAN DU PLESSIS, et al.
(Abstract Nr 8)
- 11h00-11h30 **STATE OF THE ART PRESENTATION 3**
MASTERTON APPROACH: CONFRONTATION AS A THERAPEUTIC INTERVENTION IN THE TREATMENT OF THE BORDERLINE DISORDER OF THE SELF
DR WILLIAM GRIFFITH
(ABSTRACT NR 9)
- 11h30-11h45 **PERCEPTIONS AND EXPERIENCES OF THE OPIOID SUBSTITUTION CLINIC AT STIKLAND PSYCHIATRIC HOSPITAL**
ABDUL KADER DOMINGO, et al.
(Abstract Nr 10)
- 11h45-12h15 **LUNCH** (Foyer between Lecture Hall 11 and 12) and **POSTER DISCUSSIONS**

MAIN PROGRAMME / HOOFPROGRAM (Lecture Hall 11)

Session Chair / Sessie Voorsitter: Prof Nico C Gey van Pittius (Vice 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 Clifton E Barry III (Section Chief and Senior Investigator, Tuberculosis Research Section (TRS), Laboratory of Clinical Infectious Disease, National Institute of Allergy and Infectious Diseases (NIAID), US National Institutes of Health (NIH))
Presentation title: "*Oxazolidinones for the treatment of TB: past, present and future*"
- 14h00-14h30: **TEA AND POSTER DISCUSSIONS**

THIRD SESSION / DERDE SESSIE (Lecture Hall 6)

Session Chair / Sessie Voorsitter: Dr L Groenewald

14h30-14h45	STRUCTURAL AND FUNCTIONAL BRAIN NETWORK CONNECTIVITY IN PRENATAL ALCOHOL EXPOSED NEONATES AS ASSESSED BY MULTIMODAL BRAIN IMAGING <u>ANNERINE ROOS, et al.</u> (Abstract Nr 11)
14h45-15h00	THE NEUROLOGICAL PHENOTYPE OF PATIENTS WITH HIV ASSOCIATED NEUROCOGNITIVE DISORDER (HAND) ON ANTIRETROVIRAL THERAPY <u>SEAN GLEN ANDERSON, et al.</u> (Abstract Nr 12)
15h00-15h15	INVESTIGATION OF FAMILIAL PARKINSON'S DISEASE IN A SOUTH AFRICAN FAMILY OF INDIAN ANCESTRY USING WHOLE EXOME SEQUENCING <u>KARISHA ROOPNARAIN, et al.</u> (Abstract Nr 13)
15h15-15h30	MITOSPARK- MITOCHONDRIAL DNA SEQUENCING OF SOUTH AFRICAN PARKINSON'S DISEASE PATIENTS <u>AMICA C. MÜLLER-NEDEBOCK, et al.</u> (Abstract Nr 14)
15h30-15h45	THE GUT MICROBIOME IN MENTAL HEALTH: AN INVESTIGATION IN SOUTH AFRICAN PTSD PATIENTS <u>STEFANIE MALAN-MULLER, et al.</u> (Abstract Nr 15)
15h45-16h00	PRIZE GIVING
16h15-16h30	TEA AND POSTER DISCUSSIONS

POSTERS/PLAKKATE

- 1. THE SIGNIFICANCE OF GENERAL INTELLIGENCE IN SOCIAL COGNITION ASSESSMENT.**
LIAN TALJAARD, et al.
(Abstract Nr 16)
- 2. CLUSTER ANALYSIS OF DISORDERS CHARACTERIZED BY IMPULSIVITY IN PATIENTS WITH METHAMPHETAMINE USE DISORDER**
EDRICH RALL et al.
(Abstract Nr 17)
- 3. PATIENT EXPERIENCE OF LIVING WITH TRICHOTILLOMANIA (HAIR-PULLING DISORDER)**
DERINE SANDENBERGH et al.
(Abstract Nr 18)
- 4. ASSOCIATION OF CHILDHOOD MALTREATMENT WITH INTERNALIZING AND EXTERNALIZING DISORDERS IN TRAUMA EXPOSED ADOLESCENTS**

LEIGH VAN DEN HEUVEL et al.
(Abstract Nr 19)

- 5. CHANGE IN TELOMERE LENGTH AND COGNITIVE FUNCTION OVER 12 MONTHS IN THE CONTEXT OF HIV, MAJOR DEPRESSIVE DISORDER AND CHILDHOOD TRAUMA**
JACQUELINE WOMERSLEY et al.
(Abstract Nr 20)

- 6. STRUCTURAL BRAIN DIFFERENCES IN ADOLESCENTS WITH ANXIETY PRONENESS AND CHILDHOOD TRAUMA.**
FATIMA AHMED et al.
(Abstract Nr 21)

- 7. A PROFILE OF ADULT ACUTE ADMISSIONS TO LENTEGEUR PSYCHIATRIC HOSPITAL, SOUTH AFRICA**
HERMAN FRANKEN et al.
(Abstract Nr 22)

- 8. BURNOUT AND JOB SATISFACTION OF NURSING STAFF IN A SOUTH AFRICAN ACUTE MENTAL HEALTH SETTING**
ANTHEA PAYNE et al.
(Abstract Nr 23)

- 9. THE SUBJECTIVE EXPERIENCES OF EXTRAPYRAMIDAL SIDE EFFECTS (EPSSES) IN FIRST EPISODE PSYCHOSIS PATIENTS TREATED WITH FLUPENTHIXOL DECANOATE**
FRANCOIS-PIERRE JOUBERT et al.
(Abstract Nr 24)

- 10. THE IMPACT OF A PSYCHIATRY CLINICAL ROTATION ON THE ATTITUDE OF SOUTH AFRICAN FINAL YEAR MEDICAL STUDENTS TOWARDS MENTAL ILLNESS**
CARO DE WITT et al.
(Abstract Nr 25)

- 11. GENOME-WIDE DIFFERENTIALLY METHYLATED GENES ASSOCIATED WITH PTSD IN FEMALE RAPE SURVIVORS**
JANI NÖTHLING et al.
(Abstract Nr 26)

- 12. THE PROFILE OF SEEKERS OF MENTAL HEALTH INFORMATION IN SOUTH AFRICA**
MANDI BROODRYK et al.
(Abstract Nr 27)

- 13. INSIGHTS INTO FOETAL ALCOHOL SPECTRUM DISORDER: THE ROLE OF THE MICROBIOME**
N. KITCHIN et al.
(Abstract Nr 28)

- 14. PTSD SYMPTOM SEVERITY, TRAUMA LOAD AND SLEEPING DIFFICULTIES IN TRAUMA EXPOSED, TREATMENT SEEKING ADOLESCENTS**
CARISSA VAN AARDE et al.
(Abstract Nr 29)

- 15. CAREGIVER AND YOUTH SELF-REPORTED EMOTIONAL AND BEHAVIOURAL PROBLEMS IN UGANDAN HIV INFECTED CHILDREN AND ADOLESCENTS**
LEIGH VAN DEN HEUVEL et al.

(Abstract Nr 30)

16. THE EFFECTS OF METABOLIC SYNDROME AND SLEEP ON NEUROCOGNITIVE FUNCTIONING

SHARAIN SULIMAN et al.

(Abstract Nr 31)

17. THE CLINICAL AND SOCIAL PROFILE OF PATIENTS WITH SERIOUS MENTAL ILLNESS INSTITUTIONALISED AT LENTEGEUR HOSPITAL

SCHALK WIEHAN VAN DER MERWE et al.

(Abstract Nr 32)

18. WEIGHT GAIN AND METABOLIC CHANGE AS PREDICTORS OF SYMPTOM IMPROVEMENT IN FIRST-EPISODE SCHIZOPHRENIA SPECTRUM DISORDER PATIENTS TREATED OVER 12 MONTHS

HILMAR LUCKHOFF et al.

(Abstract Nr 33)

19. THE INTEGRATION OF NEUROIMAGING AND GENETICS TO INVESTIGATE ANTIPSYCHOTIC TREATMENT RESPONSE

EMMA FRICKEL et al.

(Abstract Nr 34)

20. TELOMERE-RELATED GENE EXPRESSION IN CHILDHOOD TRAUMA, DEPRESSION AND HAND

MORNE DU PLESSIS et al.

(Abstract Nr 35)

21. FUNCTIONAL MRI ANALYSIS OF THE AUDITORY CORTEX IN HIV INFECTED CHILDREN

KERI WOODS et al.

(Abstract Nr 36)

22. CHILDHOOD TRAUMA ASSOCIATED WHITE MATTER ABNORMALITIES IN FIRST-EPISODE SCHIZOPHRENIA

LAILA ASMAL et al.

(Abstract Nr 37)

23. ACCELERATED THETA-BURST RTMS FOR DEPRESSION IN SOUTH AFRICA: A SERIES OF NINE CASES

ERINE BRÖCKER et al.

(Abstract Nr 38)

24. EXPLORING PARAMETERS OF UNPLANNED PREGNANCY IN SOUTH AFRICAN WOMEN WITH MENTAL ILLNESS

ELSA DU TOIT et al.

(Abstract Nr 39)

25. NEUROCOGNITIVE NORMS FOR PEOPLE LIVING WITH HIV/AIDS IN LOW-RESOURCE COUNTRIES: A SCOPING REVIEW

MELANIE CILLIERS et al.

(Abstract Nr 40)

- 26. AN INTEGRATIVE, MULTI-OMICS APPROACH TO IDENTIFY GENETIC RISK AND EXPRESSION QUANTITATIVE TRAIT LOCI ASSOCIATED WITH PTSD IN A SOUTH AFRICAN MIXED ANCESTRY POPULATION**
PATRICIA C. SWART et al.
(Abstract Nr 41)
- 27. A PROSPECTIVE LONGITUDINAL STUDY OF THE IMPACT OF PRE- AND POSTNATAL MATERNAL MENTAL HEALTH DISORDERS ON THE NEURODEVELOPMENTAL TRAJECTORIES OF CHILDREN DURING THE FIRST 18 MONTHS. A STUDY PROTOCOL**
MARLETTE BURGER et al.
(Abstract Nr 42)
- 28. WHITE MATTER CHANGES IN THE CORPUS CALLOSUM IN ADULTS WITH HIV AS SEEN BY DIFFUSION TENSOR IMAGING: A SYSTEMATIC REVIEW**
FATIMA AHMED et al.
(Abstract Nr 43)
- 29. REVIEW ON TRACE ELEMENT CHANGES IN BRAIN TUMORS**
KAREN CILLIERS et al.
(Abstract Nr 44)
- 30. PROGNOSTIC VALUE OF MOTOR TIMING IN TREATMENT OUTCOMES AND RELAPSE IN PATIENTS WITH ALCOHOL- AND/OR COCAINE USE DEPENDENCE IN A REHABILITATION PROGRAM**
SUSANNE YOUNG et al.
(Abstract Nr 45)
- 31. MENTAL HEALTH INFORMATION IN THE PALM OF YOUR HAND**
JANINE ROOS et al.
(Abstract Nr 46)
- 32. THE USEFULNESS OF 18 F-DOPA PET SCAN IN CHALLENGING CONDITIONS AT OUR MOVEMENT DISORDER CLINIC**
MOHAMED KHIDER et al.
(Abstract Nr 47)
- 33. EXPLORING PARENTAL REFLECTIVE FUNCTION AND THE QUALITY OF MOTHER-INFANT INTERACTION IN A SAMPLE OF WOMEN WITH PERI-PARTUM PSYCHOSIS.**
JUANé VOGES et al.
(Abstract Nr 48)

Theme 4 / Tema 4

Non-Communicable Diseases / Nie-Oordraagbare Siektes

Lecture Hall 5 (Old Main Lecture Hall) / Lesingsaal 5 (Ou Hoofvoorlesingsaal)

Welcome 08h20-08h30: Prof Razeen Davids

FIRST SESSION / EERSTE SESSIE (Lecture Hall 5)

Session Chair / Sessie Voorsitter: Prof Razeen Davids

- 08h30-08h45 **CLINICAL FEATURES AND DISEASE SEVERITY OF ALS IN THE DIFFERENT ETHNIC POPULATION GROUPS IN THE WESTERN CAPE PROVINCE.**
FRANCLO HENNING, KIRESHNEE NAIDU
(Abstract Nr 1)
- 08h45-09h00 **RACIAL VARIATION OF QRS-DURATION FOR CRT QUALIFICATION AMONGST SYSTOLIC HEART FAILURE PATIENTS: WHY IS THE DOOR STILL CLOSED FOR BLACK PATIENTS?**
DALE PETERSON, MARSHALL HERADIEN, PAUL BRINK
(Abstract Nr 2)
- 09h00-09h15 **THE STATE OF OUR HEALTH: ARE HEALTH WORKERS AT RISK OF DIABETES MELLITUS?**
AMANDA BEUKES, ANKIA COETZEE, JOCELY HELLIG, MARI VAN DE VYFER, REINHARDT DREYER, ROSHNI MISTRY, SALAAMAH SOLOMONS
(Abstract Nr 3)
- 09h15-09h30 **AN INVESTIGATION OF THE POTENTIAL NEUROPROTECTIVE ROLE OF CURCUMIN IN CELLULAR MODELS OF PARKINSON'S DISEASE**
ANNIKA NEETHLING, CELIA VAN DER MERWE, JONATHAN CARR, SHAMEEMAH ABRAHAMS, SORAYA BARDIEN
(Abstract Nr 4)
- 09h30-09h45 **TRANSFORMING THE WORKPLACE ENVIRONMENT TO PREVENT NON-COMMUNICABLE CHRONIC DISEASES: PARTICIPATORY ACTION RESEARCH IN A SOUTH AFRICAN POWER PLANT**
DARCELLE SCHOUW, ROBERT MASH, TRACY KOLBE-ALEXANDER
(ABSTRACT NR 5)
- 09h45-10h00 **ASSESSMENT OF COMORBID CONDITIONS IN HORMONE-POSITIVE POSTMENOPAUSAL BREAST CANCER PATIENTS USING THE UPDATED CHARLSON COMORBIDITY INDEX**
KARIN BAATJES, MARITHA KOTZE, ZELMARIE BESELAAR
(Abstract Nr 6)
- 10h00-10h30 **TEA AND POSTER DISCUSSIONS**

SECOND SESSION / TWEEDE SESSIE (Lecture Hall 5)

Session Chair / Sessie Voorsitter: Prof Paul Brink

- 10h30-10h45 **PUBLIC CONDITION/PRIVATE AFFLICTION: NEGOTIATING CO-MORBIDITY, CONFIDENTIALITY, AND CARE IN SOUTH AFRICA, A CASE-STUDY FROM HPTN 071 (POPART) STUDY.**
GRAEME HODDINOTT, HANLIE MYBURGH, LARIO VILJOEN, LINDSEY JANE REYNOLDS, VIRGINIA BOND
(Abstract Nr 7)
- 10h45-11h00 **STEM CELL THERAPY FOR DIABETIC WOUNDS: EX VIVO ANTI-OXIDANT TREATMENT, ENHANCE THE ANTI-INFLAMMATORY PARACRINE RESPONSIVENESS OF BONE MARROW MESENCHYMAL STEM CELLS TO PROMOTE HEALING.**
YASHAR MEHRBANI AZAR, MARI VAN DE VYVER
(Abstract Nr 8)
- 11h00-11h15 **ATRIO-AUTONOMIC INTERACTION AMONGST BETA-BLOCKER NAÏVE MALES: PREDICTOR OR MODIFIER OF ATRIAL FIBRILLATION RISK?**
BONKE KHWINANI, CHRIS GREYLING, MARSHALL HERADIEN, PAUL BRINK, WARREN STILWANEY
(Abstract Nr 9)
- 11h15-11h30 **IN VITRO ASSESSMENT OF AN ASPALATHIN-ENRICHED GREEN ROOIBOS (ASPALATHUS LINEARIS) EXTRACT TREATMENT IN STATIN-INDUCED HEPATOTOXICITY**
CHRISTO MULLER, DANIELLE MILLAR, SANDRA BOWLES, SHANTAL WINDVOGEL
(Abstract Nr 10)
- 11h30-11h54 **REGULATIONS RELATING TO THE REDUCTION OF SODIUM IN CERTAIN FOODSTUFFS AND RELATED MATTERS: PERSPECTIVES FROM ADULT CONSUMERS IN THE TYGERBERG HEALTH DISTRICT, CITY OF CAPE TOWN, WESTERN CAPE, SOUTH AFRICA**
DOMINIQUE GREEFF, HANNEKE SCHREUDER, IMAN GIERDIEN, LEBOGANG MOHLALA, LIEZEL ENGELBRECHT, LINDSAY REID, MARITHA MARAIS, MARIZAAN DU TOIT, MEGAN YATES, NELENE KOEN, TESSA LENG, YOLANDE SMIT
(Abstract Nr 11)
- 11h45-12h15 **LUNCH** (Foyer between Lecture Hall 11 and 12) and **POSTER DISCUSSIONS**

MAIN PROGRAMME / HOOFPROGRAM (Lecture Hall 11)

Session Chair / Sessie Voorsitter: Prof Nico C Gey van Pittius (Vice Dean: Research)

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- 13h00-13h15: **INTRODUCTION OF GUEST SPEAKER:**
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- 13h15-14h00: **GUEST SPEAKER** (see page 8)
Prof Clifton E Barry III (Section Chief and Senior Investigator, Tuberculosis Research Section (TRS), Laboratory of Clinical Infectious Disease, National

Institute of Allergy and Infectious Diseases (NIAID), US National Institutes of Health (NIH))

Presentation title: "*Oxazolidinones for the treatment of TB: past, present and future*"

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

THIRD SESSION / DERDE SESSIE (Lecture Hall 5)

Session Chair / Sessie Voorsitter: Prof Coenie Koegelenberg

14h30-14h45 **THE NUTRITIONAL STATUS ASSESSMENT OF DIALYSIS PATIENTS IN TYGERBERG AND GROOTE SCHUUR HOSPITAL**

GARETH COETZEE, LIEZEL BLAAUW, MAGDA DE MOOIJ, MEGAN DONALD, NAZEEMA ESAU, ZARINA EBRAHIM
(Abstract Nr 12)

14h45-15h00 **IN VITRO SINGLE MUSCLE FIBRE CONTRACTILITY MEASUREMENT TO INVESTIGATE MECHANISMS OF WEAKNESS IN IDIOPATHIC INFLAMMATORY MYOPATHIES.**

FRANCLO HENNING, JONATHAN CARR, TERTIUS KOHN
(Abstract Nr 13)

15h00-15h15 **LEFT VENTRICULAR HYPERTROPHY IN MALES IS ASSOCIATED WITH INCREASED VAGAL TONE AFTER ADRENERGIC STRESS, REGARDLESS OF BETA-BLOCKER USAGE.**

BONKE KHWINANI, CHRIS GREYLING, MARSHALL HERADIEN, PAUL BRINK
(Abstract Nr 14)

15h15-15h30 **MICRO-RNA SIGNATURE OF HEALTHY VS IMPAIRED DIABETIC MESENCHYMAL STEM CELLS AS BIOMARKER FOR AUTOLOGOUS STEM CELL THERAPY**

ASCENTIA SEBOKO, MARI VAN DE VYVER
(Abstract Nr 15)

15h30-15h45 **RETROSPECTIVE REVIEW OF BIOLOGICAL THERAPY IN A RESOURCE LIMITED SETTING WITHIN A COMMUNITY AT HIGH RISK OF TUBERCULOSIS**

JACQUES WYNAND ROOD, RIETTE DU TOIT
(Abstract Nr 16)

15h45-16h00 **EVIDENCE FOR THE UTILITY OF ANTENATAL HBA1C TO PREDICT DIABETES AFTER GESTATIONAL DIABETES**

ANKIA COETZEE, DAVID R HALL, DEIDRE MASON, MAGDA CONRADIE, MARIZA HOFFMANN
(Abstract Nr 17)

16h00-16h15 **EXOME SEQUENCING OF THE FIRST REPORTED SOUTH AFRICAN X-LINKED PRIMARY IMMUNODEFICIENCY CASE IDENTIFIES A HEMIZYGOUS MUTATION IN MSN**

BRIGITTE GLANZMANN, CRAIG J. KINNEAR, EILEEN G. HOAL, MARDELLE SCHOEMAN, MARLO MÖLLER, MICHAEL URBAN, MONIKA M. ESSER, PAUL D. VAN HELDEN
(Abstract Nr 18)

16h15-16h30

OUTCOMES OF 562 ECHOCARDIOGRAPHICALLY GUIDED PERICARDIOCENTESES OVER A 10-YEAR PERIOD IN A LOW-TO-MIDDLE INCOME COUNTRY TERTIARY REFERRAL CENTRE

ANTON DOUBELL, CHARLES KYRIAKAKIS, SUMANTH KARAMCHAND
(Abstract Nr 19)

POSTERS / PLAKKATE

- 1. EVALUATING THE EFFECT OF THE PRACTICAL APPROACH TO CARE KIT ON TEACHING MEDICAL STUDENTS PRIMARY CARE: QUASI-EXPERIMENTAL STUDY**
BOB MASH, HILARY RHODE
(Abstract Nr 20)
- 2. CAROTID INTIMA MEDIA THICKNESS (CIMT) IN A COHORT OF HIV POSITIVE AND NEGATIVE INDIVIDUALS OF SOUTH AFRICA**
FESTUS KAMAU, FRANS EVERSON, HANS STRIJDOM, HENRY CYSTER, INGRID WEBSTER, MASHUDU MTHETHWA, NANDU GOSWAMI, NYIKO MASHELE, PATRICK DE BOEVER, SANA CHARANIA, TIM NAWROT
(Abstract Nr 21)
- 3. GLYCATED HAEMOGLOBIN THRESHOLD FOR DYSGLYCAEMIA SCREENING, AND APPLICATION TO METABOLIC SYNDROME DIAGNOSIS IN HIV-INFECTED AFRICANS**
ANDRE PASCAL KENGNE, ANNIZA DE VILLIERS, DEBORA JONATHAN, KIM ANH NGUYEN, NASHEETA PEER, TANDI. E. MATSHA
(Abstract Nr 22)
- 4. RENAL CELL CARCINOMA IN SOUTH AFRICA: REVIEW OF THE EPIDEMIOLOGY AND A FIRST REPORT ON DEMOGRAPHICS, RISK FACTORS, STAGING AND PATHOLOGICAL PROFILE**
ANDRE VAN DER MERWE, DANELO ESTIENNE DU PLESSIS
(Abstract Nr 23)
- 5. ASSESSING RISK FACTORS FOR NON-COMMUNICABLE DISEASES IN THE WORKFORCE AT A COMMERCIAL POWER PLANT, SOUTH AFRICA**
DARCELLE SCHOUW, ROBERT MASH, TRACY KOLBE-ALEXANDER
(Abstract Nr 24)
- 6. SKIN CANCER IN A SOUTH AFRICAN TERTIARY CARE DERMATOLOGY CLINIC: A RETROSPECTIVE STUDY.**
JOHANN DE WET, MINETTE STEYN
(Abstract Nr 25)
- 7. THE VALIDATION OF THE VISUAL SCREENING TOOL FOR ANXIETY DISORDERS AND DEPRESSION IN PEOPLE LIVING WITH HYPERTENSION AND/OR DIABETES**
DANA JH NIEHAUS, LIEZL KOEN, ZIMBINI OGLE
(Abstract Nr 26)
- 8. 7-YEAR EXPERIENCE OF TRANSCATHETER AORTIC VALVE IMPLANTS (TAVI) IN A WESTERN CAPE PRIVATE HEALTHCARE SETTING**
ANDRE PHILIPS, ANTON DOUBELL, BARRY BARNARD, HELLMUTH WEICH, JACQUES VAN WYK, JURGENS JACOBUS LIEBENBERG, MARK ABELSON, ROCCO VIVIER, TOM MABIN
(Abstract Nr 27)

- 9. PIONEERING INFORMED CONSENT TOWARDS ETHICAL GENETIC RESEARCH IN KENYAN BREAST CANCER PATIENTS**
KOTZE J MARITHA, LAING NAKITA, MINING K. SIMEON, SAWE RISPAH TORROREY
(Abstract Nr 28)
- 10. PREVALENCE OF NON-COMMUNICABLE DISEASES IN ADULTS LIVING WITH HUMAN IMMUNODEFICIENCY VIRUS: AN OVERVIEW OF SYSTEMATIC REVIEWS.**
TARYN YOUNG, SHAHISTA MUSTAFA
(Abstract Nr 29)
- 11. AN INDEX OF SUSPICION IN A CASE OF HYPONATRAEMIA**
ANNALISE E ZEMLIN, EKKEHARD W ZOLLNER, MARIZA HOFFMANN, MARIZNA BARKHUIZEN,
RAJIV T ERASMUS
(Abstract Nr 30)
- 12. HIV/AIDS (ART-NAIVE) AND CARDIOVASCULAR RISK: ARE RETINAL MICROVASCULAR GEOMETRIC FEATURES MARKERS OF EFFECTS?**
FRANS EVERSON, HANS STRIJDOM, INGRID WEBSTER, M. FAADIEL ESSOP, MASHUDU MTHETHWA, NANDU GOSWAMI, NYIKO MASHELE, PATRICK DE BOEVER, SANA CHARANIA, TIM S. NAWROT, YOLANDI ESPACH
(Abstract Nr 31)
- 13. HIGH PREVALENCE OF VITAMIN D DEFICIENCY IN POSTMENOPAUSAL BREAST CANCER PATIENTS TREATED WITH AROMATASE INHIBITORS AT TYGERBERG HOSPITAL**
BAATJES K. B, ERASMUS R.T, KOTZE M.J, OKUNOLA ABISOLA OYEDELE, SAWE R. T, ZEMLIN A.E
(Abstract Nr 32)
- 14. COMMUNITY ENGAGEMENT FOR H3AFRICA BIOBANKING RESEARCH**
ANITA KLEINSMIDT
(Abstract Nr 33)
- 15. AN AUDIT OF THE NUMBER AND INDICATION OF PROTHROMBIN (FACTOR II) MOLECULAR TESTS REQUESTED AT TYGERBERG HOSPITAL OVER A PERIOD OF 12 YEARS AND THE MOLECULAR SCREENING OF A NEWLY IDENTIFIED PROTHROMBIN (FACTOR II) MUTATION**
CARMEN SWANEPOEL, NOMUSA MASHIGO, SHAFIEKA ISAACS, SHAREEFA ISAACS, WARDAH CERFONTEIN
(Abstract Nr 34)
- 16. THE SURGICAL MANAGEMENT AND OUTCOME OF GASTROINTESTINAL STROMAL TUMOURS AT TYGERBERG ACADEMIC HOSPITAL AND ITS' DRAINAGE AREA**
AILSAL LEITCH, STEFAN HOFMEYR
(Abstract Nr 35)
- 17. ATM EXPRESSION IN PERIPHERAL BLOOD MONONUCLEAR CELLS AS A BIOMARKER OF INSULIN RESISTANCE.**
BARBARA HUISAMEN, LOIS WILLIAMS
(Abstract Nr 36)
- 18. ATM REGULATES CARDIAC MITOCHONDRIAL FUNCTION**
AMANDA LOCHNER, BARBARA HUISAMEN, MARGUERITE BLIGNAUT
(Abstract Nr 37)

- 19. REVISITING CHLOROQUINE AS A POTENTIAL ANTI-DIABETIC DRUG AND ITS EFFECT ON CARDIAC FUNCTION**
BARBARA HUISAMEN, MARGUERITE BLIGNAUT, MIGNON VAN VUUREN, YOLANDI ESPACH
(Abstract Nr 38)
- 20. UNDERSTANDING THE LIVER TO PROTECT THE HEART: INVESTIGATING THE LINK BETWEEN INSULIN RESISTANCE AND NON-ALCOHOLIC FATTY LIVER DISEASE IN OBESITY-INDUCED MYOCARDIAL DYSFUNCTION**
ANEL BOSHOFF, BARBARA HUISAMEN, RABIA JOHNSON
(Abstract Nr 39)
- 21. THE EFFECT OF GREEN ROOIBOS EXTRACTS IN THE HISTOMORPHOLOGY OF THE PANCREAS IN RATS FED A HIGH FAT DIET**
NIRESHNI CHELLAN, JODIE LAYMAN, BARBRA HUISAMEN, SANET Kotze
(Abstract Nr 40)
- 22. BETA SECRETASE REGULATION AND INFLAMMATION IN PANCREATIC BETA CELLS: THE POTENTIAL ROLE OF ROOIBOS**
CJF. MULLER, J. BURGER, J. LOPES, N. CHELLAN
(Abstract Nr 41)
- 23. A COMPARISON OF THE EFFECTS OF THREE INDIGENOUS SOUTH AFRICAN HERBAL BEVERAGES ON THE VASCULAR FUNCTION OF STREPTOZOTOCIN (STZ)-INDUCED MALE DIABETIC WISTAR RATS**
DAWN MAHLANGU, MICHELLE SMIT-VAN SCHALKWYK, SHANTAL WINDVOGEL
(Abstract Nr 42)
- 24. EVALUATION AND VALIDATION OF THE CEPHEID GENEXPERT BCR/ABL MONITOR AND ULTRA TEST KITS TO IDENTIFY AND MONITOR THE PRESENCE OF THE ONCOGENIC BCR-ABL P210 VARIANT TRANSCRIPT IN CML PATIENTS**
CARMEN SWANEPOEL, CHANTAL DE LONG, LYNTHIA PAUL, RAVNIT GREWAL
(Abstract Nr 43)

Theme 5 / Tema 5

Maternal and Child Health / Moeder en Kind Gesondheid

Lecture Hall 12 / Lesingsaal 12

Welcome 08h45-09h00: TBA

FIRST SESSION / EERSTE SESSIE (Lecture Hall 12)

Session Chair / Sessie Voorsitter: TBA

- 09h00-09h15 **COCHRANE "PACKAGING AND PUSH" IN ACTION: DISHING UP DIGESTIBLE NUTRITION EVIDENCE**
ANEL SCHOONEES
(Abstract Nr 1)
- 09h15-09h30 **DIETARY DIVERSITY, FOOD SECURITY AND COPING STRATEGIES OF HOUSEHOLDS FROM RURAL COMMUNITIES IN LIMPOPO PROVINCE**
XIKOMBISO MBHENYANE
(Abstract Nr 2)
- 09h30-09h45 **AN INVESTIGATION INTO THE CORRELATION BETWEEN MACROSCOPIC SIGNS AND POST-MORTEM BIOCHEMISTRY OF DEHYDRATION AT AUTOPSY IN A FORENSIC PATHOLOGY COHORT OF CHILDREN UNDER 1 YEAR**
BJORN SWIGELAAR
(Abstract Nr 3)
- 09h45-10h00 **TEN YEARS OF ROUTINE PAEDIATRIC TB SURVEILLANCE DATA IN SOUTH AFRICA – HIGH DISEASE BURDEN AND POOR TREATMENT OUTCOMES**
KAREN DU PREEZ
(Abstract Nr 4)
- 10h00-10h30 **TEA AND POSTER VIEWING**

SECOND SESSION / TWEEDE SESSIE (Lecture Hall 12)

Session Chair/ Sessie Voorsitter: TBA

- 10h30-10h45 **PAEDIATRIC ANTIMICROBIAL USE AT A SOUTH AFRICAN HOSPITAL**
ANGELA DRAMOWSKI
(Abstract Nr 5)
- 10h45-11h00 **A SCOPING REVIEW ON THE PERCEPTIONS OF MOTHERS WITH PRETERM INFANTS REGARDING EARLY COMMUNICATION DEVELOPMENT**
ELANIE VAN SCHALKWYK, ET AL
(Abstract Nr 6)

- 11h00-11h15 **THE EFFECT OF MATERNAL HIV STATUS AND DURATION OF TREATMENT ON BODY COMPOSITION OF HIV-EXPOSED AND HIV-UNEXPOSED PRETERM, VERY AND EXTREMELY LOW BIRTHWEIGHT INFANTS**
KLARA STRYDOM
(Abstract Nr 7)
- 11h15-11h45 **STATE OF THE ART PRESENTATION 4**
RUNNING TO STAND STILL: KEEPING UP WITH DEVELOPMENTS IN GENETIC AND GENOMIC DIAGNOSTICS
DR MIKE URBAN
- 11h45-12h15 **LUNCH** (Foyer between Lecture Hall 11 and 12) and **POSTER DISCUSSIONS**
- MAIN PROGRAMME / HOOFPROGRAM** (Lecture Hall 11)
Session Chair / Sessie Voorsitter: Prof Nico C Gey van Pittius (Vice 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 Clifton E Barry III (Section Chief and Senior Investigator, Tuberculosis Research Section (TRS), Laboratory of Clinical Infectious Disease, National Institute of Allergy and Infectious Diseases (NIAID), US National Institutes of Health (NIH))
Presentation title: *"Oxazolidinones for the treatment of TB: past, present and future"*
- 14h00-14h30: **TEA AND POSTER DISCUSSIONS**
- THIRD SESSION / DERDE SESSIE** (Lecture Hall 12)
Session Chair/ Sessie Voorsitter: Prof MH Botha
- 14h30-14h45 **MOTHER-TO-CHILD TRANSMISSION OF HEPATITIS B VIRUS IN WINDHOEK, NAMIBIA: TRANSMISSION DYNAMICS AND PREVENTION**
CYNTHIA TAMANDJOU
(Abstract Nr 8)
- 14h45-15h00 **NEONATAL LISTERIOSIS DURING A COUNTRYWIDE EPIDEMIC: A TERTIARY HOSPITAL'S EXPERIENCE**
LIZEL LLOYD
(Abstract Nr 9)
- 15h00-15h15 **EXTREMELY LOW BIRTHWEIGHT INFANTS AND DISEASE-SPECIFIC WEIGHT CATEGORISATION AT TYGERBERG HOSPITAL, SOUTH AFRICA: MORTALITY OF INBORN BABIES AT THE LIMITS OF VIABILITY. A CROSS-SECTIONAL STUDY**
STEFAN GEBHARDT
(Abstract Nr 10)

- 15h15-15h30 **CASE STUDY: PRENATAL SCREENING, MANAGEMENT OPTIONS AND ETHICAL CONSIDERATIONS IN A TWIN PREGNANCY DISCORDANT FOR DOWN SYNDROME**
AMY STRYDOM
(Abstract Nr 11)
- 15h30-15h45 **WEIGHT-RELATED QUALITY OF LIFE IN OBESE, PREGNANT WOMEN IN SOUTH AFRICA**
MATSHIDISO TISANE
(Abstract Nr 12)
- 15h45-16h00 **DEGREE OF BLOOD PRESSURE ELEVATION IS NOT A DIFFERENTIATING FACTOR IN PATIENTS WITH PRE-ECLAMPSIA PRESENTING WITH AND WITHOUT PULMONARY OEDEMA: FINDINGS FROM THE LV IMPACT STUDY**
BRADLEY GRIFFITHS
(Abstract Nr 13)
- 16h00-16h15 **A PROSPECTIVE POPULATION-BASED STUDY OF PRETERM PRE-LABOUR RUPTURE OF MEMBRANES BETWEEN 24 AND 34 WEEKS OF GESTATION IN CAPE TOWN METRO EAST – MEASURE PROTOCOL INTERVENTION FIDELITY AND CLINICAL OUTCOME**
NOMA MBUNGU
(Abstract Nr 14)
- 16h15-16h30 **POST PARTUM HAEMORRHAGE MANAGED WITH FREE FLOW PRESSURE CONTROLLED UTERINE BALLOONS (ELLAVI UBT) – A CASE SERIES**
GERHARDT THERON
(Abstract Nr 15)
- 16h30-16h45 **THE FEASIBILITY AND ADVANTAGES OF LAPAROSCOPIC ECTOPIC PREGNANCY SURGERY AT A SECONDARY LEVEL PUBLIC HOSPITAL IN SOUTH AFRICA – A RETROSPECTIVE STUDY**
DENISE ARMATAS
(Abstract Nr 16)
- 16h45-17h00 **EFFECT OF HUMAN MALE PATIENT DIAGNOSIS ON SYNGAMY TIMING AND BLASTULATION RATE USING TIME-LAPSE TECHNOLOGY**
CHEYENNE STEYN
(Abstract Nr 17)
- 17h00-17h15 **FIVE-YEAR OVERALL SURVIVAL OUTCOME AMONG HIV-POSITIVE AND HIV-NEGATIVE CERVICAL CANCER PATIENTS IN SOUTH AFRICA**
HANNAH SIMONDS
(Abstract Nr 18)

17h15-18h15 **COCKTAIL EVENING FUNCTION**

FOURTH SESSION / VIERDE SESSIE (Lecture Hall 12)

Session Chair/ Sessie Voorsitter: Prof MH Botha

18h30-18h45 **WELCOME AND INTRODUCTION**
PROF MH BOTHA

18h45-19h30 **JN DE VILLIERS MEMORIAL LECTURE**
BUILDING RESILIENCE IN HEALTH SCIENCES
PROF LYNETTE DENNY

POSTERS / PLAKKATE

- 1. ASSISTED REPRODUCTIVE TECHNOLOGY (ART) SUCCESS RATES IN DONOR GAMETE (SPERMATOZOA AND OOCYTE) PROGRAMS AT DRS AEVITAS FERTILITY CLINIC**
CAMILLA JANKE
(Abstract Nr 19)
- 2. BLASTOCYSTS VITRIFICATION: RETROSPECTIVE ANALYSIS OF SUCCESS AT DRS. AEVITAS FERTILITY CLINIC – 2015-2016.**
ELIZABETH MEIRING
(Abstract Nr 20)
- 3. CHRONIC VILLITIS OF UNKNOWN ETIOLOGY: ASSOCIATION WITH ADVERSE PREGNANCY OUTCOMES IN A CONSECUTIVE SERIES OF 92 CASES.**
VICKI PRETORIUS
(Abstract Nr 21)
- 4. EFFECT OF STATINS ON MALE REPRODUCTIVE PARAMETERS**
CEBISA BHADULA
(Abstract Nr 22)
- 5. INVESTIGATING IN VITRO EFFECTS OF AQUEOUS ROOT EXTRACT OF MONDIA WHITEI IN HUMAN SPERM FUNCTIONALITY OF OLIGOZOOSPERMIC PATIENTS**
AQEEL MORRIS
(Abstract Nr 23)
- 6. THE EFFECT OF THE TIME INTERVAL BETWEEN THE HUMAN CHORIONIC GONADOTROPIN (HCG) TRIGGER AND SPERM INSEMINATION TIME ON ASSISTED REPRODUCTIVE TECHNOLOGY (ART)**
DYLAN RAMSAY
(Abstract Nr 24)
- 7. A DESCRIPTION AND HIGHLIGHTS OF INTERVENTIONS WITH CHILDREN PRENATALLY EXPOSED TO ALCOHOL**
MARLENE DE VRIES
(Abstract Nr 25)
- 8. FACTORS WHICH FACILITATE OR CONSTRAIN ANTIRETROVIRAL THERAPY ADHERENCE IN CHILDREN**
THANDIWE HAMANA
(Abstract Nr 26)
- 9. HOW DOES NUTRITIONAL INTAKES AFFECT THE BODY COMPOSITION OF HIV-EXPOSED AND HIV-UNEXPOSED PRETERM, Low BIRTH WEIGHT INFANTS?**
KLARA STRYDOM
(Abstract Nr 27)
- 10. IRON DEFICIENCY IN CHILDREN AND ADOLESCENTS WITH ATTENTION DEFICIT HYPERACTIVITY DISORDER: DOES THE RELATIONSHIP EXIST?**
LUZUKO MAGULA
(Abstract Nr 28)
- 11. IS ADRENAL SUPPRESSION IN ASTHMATIC CHILDREN REVERSIBLE?**
EKKEHARD ZOLLNER
(Abstract Nr 29)

- 12. SOUTH AFRICAN SPEECH-LANGUAGE THERAPISTS' ASSESSMENT AND INTERVENTION PRACTICES WITH MULTILINGUAL CHILDREN**
NERINDA BEZUIDENHOUT, ANMARI SMITH
(Abstract Nr 30)
- 13. THE FACTORS INFLUENCING THE TIMING OF STROKE IN CHILDHOOD TUBERCULOUS MENINGITIS**
SAREL NIEUWOUDT, REGAN SOLOMONS
(Abstract Nr 31)
- 14. THE HEART START EARLY INTERVENTION PROGRAM FOR CHILDREN PRENATALLY EXPOSED TO ALCOHOL: A CASE STUDY**
CARISA SIEMENS
(Abstract Nr 32)
- 15. THE PHARMACOKINETICS OF HIGH DOSE ISONIAZID FOR THE PREVENTION OR TREATMENT OF DRUG-RESISTANT TUBERCULOSIS IN HIV-INFECTED AND - UNINFECTED CHILDREN**
JANA WINCKLER
(Abstract Nr 33)
- 16. THE RELIABILITY OF ESTIMATED GLOMERULAR FILTRATION RATE IN SOUTH AFRICAN CHILDREN**
JENNIFER HOLNESS
(Abstract Nr 34)
- 17. THE VALUE OF GENETIC DIAGNOSIS IN CLINICAL PRACTICE**
BRIGITTE GLANZMANN
(Abstract Nr 35)
- 18. USE OF CHEST RADIOGRAPHS IN A PHASE 3 RANDOMISED CONTROLLED EFFICACY TRIAL FOR TREATMENT SHORTENING OF NON-SEVERE DRUG-SUSCEPTIBLE TB IN CHILDREN (THE SHINE TRIAL)**
MEGAN PALMER
(Abstract Nr 36)
- 19. CLINICAL PRESENTATION AND TREATMENT OUTCOMES OF INFANTS WITH TUBERCULOSIS IN CAPE TOWN, SOUTH AFRICA**
RUTH ARAYO
(Abstract Nr 37)
- 20. CLINICAL TRIALS AND EMOTIONAL LABOUR: THE ROLE OF THE RESEARCH NURSE IN PAEDIATRIC MDR TB STUDIES**
KLASSINA ZIMRI
(Abstract Nr 38)
- 21. EVALUATING IMPACT OF EARLY CHILDHOOD DEVELOPMENT EDUCATION ON NUTRITION USING A THEORY-BASED PROGRAM IMPACT PATHWAY**
OLUCHI EZEKANNAGHA
(Abstract Nr 39)
- 22. NEURODEVELOPMENTAL AND BEHAVIOURAL OUTCOME OF HIV-EXPOSED UNINFECTED INFANTS FROM THE MOTHER AND INFANT HEALTH STUDY CAPE TOWN AT A 2 YEAR FOLLOW-UP VISIT**
P SPRINGER
(Abstract Nr 40)

**23. PHARMACOKINETICS OF INTRACELLULAR STAVUDINE-TRIPHOSPHATE IN CHILDREN
AFTER REDUCED-DOSE: CAN WE IMPROVE STAVUDINE'S SAFETY PROFILE?**

L VAN DER LAAN

(Abstract Nr 41)

Theme 6 / Tema 6

Perioperative Sciences/ Perioperatiewe Wetenskappe

Lecture Hall 8 / Lesingsaal 8

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

MAIN PROGRAMME / HOOFPROGRAM (Lecture Hall 11)

Session Chair / Sessie Voorsitter: Prof Nico C Gey van Pittius (Vice 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 Clifton E Barry III (Section Chief and Senior Investigator, Tuberculosis Research Section (TRS), Laboratory of Clinical Infectious Disease, National Institute of Allergy and Infectious Diseases (NIAID), US National Institutes of Health (NIH))
Presentation title: *"Oxazolidinones for the treatment of TB: past, present and future"*

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

FIRST SESSION / EERSTE SESSIE (Lecture Hall 8)

Chairperson / Voorsitter: Prof Robert Lamberts and Prof Ian Vlok

14h30-15h00: **STATE OF THE ART PRESENTATION 5**
REPLACING THE ANTERIOR MITRAL VALVE LEAFLET WITH
AUTOLOGOUS JUGULAR VEIN IN A SHEEP MODEL
PROF JACQUES JANSON

15h00-15h10: **EXPEDITING RED BLOOD CELL TRANSFUSIONS BY SYRINGING CAUSES SIGNIFICANT HEMOLYSIS**
WL DE VILLIERS, AA MURRAY, AI LEVIN
(Abstract Nr 1)

15h10-15h20: **EFFICACY OF PERIARTICULAR LOCAL ANAESTHETIC BLOCKS IN TOTAL KNEE ARTHROPLASTY- A MOVE TOWARDS THE SIMPLIFICATION AND STANDARDIZATION OF PERI-ARTICULAR INFILTRATION**
M VAN HEUKELEUM, C BLAKE, G GOBETZ, T FRANKEN, N FERREIRA, M BURGER
(Abstract Nr 2)

- 15h20-15h30: **CARDIAC MAGNETIC RESONANCE IMAGING VS TRANS-OESOPHAGEAL ECHOCARDIOGRAPHY TO DETECT LEFT ATRIAL THROMBI BEFORE PERCUTANEOUS BALLOON MITRAL VALVOTOMY FOR MITRAL STENOSIS— A PILOT STUDY**
C KOTZE, A DOUBELL, A PECORARO, H WEICH, P HERBST, A DU PLESSIS, C ACKERMAN
 (Abstract Nr 3)
- 15h30-15h40: **RELATIONSHIP BETWEEN FUNCTIONAL MOBILITY AND LOWER EXTREMITY MUSCLE STRENGTH IN ADULTS WITH CEREBRAL PALSY; 30 YEARS POST ORTHOPAEDIC INTERVENTIONS**
MM EKEN, NG LANGERAK, J DU TOIT, AG FIEGGEN, BE VEERBEEK, S KOSCHNICK, RP LAMBERTS
 (Abstract Nr 4)
- 15h40-15h50: **GAIT STATUS OF ADULTS WITH CEREBRAL PALSY 15 TO 39 YEARS AFTER THEIR FIRST ORTHOPAEDIC INTERVENTION**
J DU TOIT, NG LANGERAK, N TAM, AG FIEGGEN, RP LAMBERTS
 (Abstract Nr 5)
- 15h50-16h00: **SPINAL DEFORMITIES AND PAIN IN ADULTS WITH CEREBRAL PALSY AND SPASTIC DIPLEGIA MORE THAN 15 YEARS AFTER THE FIRST ORTHOPAEDI INTERVENTION**
E BRITZ, RP LAMBERTS, SI DIX-PEEK, AG FIEGGEN, NG LANGERAK
 (Abstract Nr 6)
- 16h00-16h10: **ANCESTRAL VARIATIONS IN THE LOCATION AND SIZE OF THE MENTAL FORAMEN IN SOUTH AFRICANS**
W COETZEE, JPA APPFELSTAEDT, M DU PLESSIS, TV ZEEMAN
 (Abstract Nr 7)
- 16h10-16h20: **A FIVE-YEAR RETROSPECTIVE AUDIT OF MITRAL VALVE REPAIR SURGERY AT TYGERBERG HOSPITAL**
E BOOYSEN, H SADIE-VAN-GIJSN, S DAENE, M RAUTENBACH, W FERRIS, L DICKS
 (Abstract Nr 8)
- 16h20-16h40: **BREAK AND POSTER DISCUSSIONS**

SECOND SESSION / TWEEDE SESSIE (Lecture Hall 8)

Chairperson / Voorsitter: Prof Robert Lamberts and Prof Ian Vlok

- 16H40-16h50: **METABOLIC SURGERY IN SOUTH AFRICA - AN INITIAL ACADEMIC HOSPITAL EXPERIENCE**
A WEBNER, J LUBBE, AVV LAMBRECHTS, CE COOPER, WJ OLDENDAAL, A POTGIETER
 (Abstract Nr 9)
- 16h50-17h00: **ETHNIC AND GENDER SPECIFIC INCIDENCE RATES FOR HIP FRACTURES IN SOUTH AFRICA – A MULTICENTRE STUDY**
K JORDAAN, M CONRADIE, S DELA, F PARUK, B CASSIM, M LUKHELE, A KALLA
 (Abstract Nr 10)

- 17h00-17h10: **THE PREVALENCE AND SENSITIVITY PROFILE OF POSITIVE BACTERIAL AND FUNGAL CULTURES DURING PANCREATODUODENECTOMY AT TYGERBERG ACADEMIC HOSPITAL**
I LOFTUS, S HOFMEYR
 (Abstract Nr 11)
- 17h10-17h20: **THE ANATOMY OF THE INTRA MEDULLARY CANAL OF THE DISTAL FIBULA.**
 H MULLER, E JOUBERT, IPS TERBLANCHE, RP LAMBERTS
 (Abstract Nr 12)
- 17h20-17h30: **PREVALENCE OF A POST-OPERATIVE TROPONIN LEAK IN PATIENTS WITH CARDIAC RISK FACTORS UNDERGOING KNEE AND HIP ARTHROPLASTY IN A SOUTH AFRICAN POPULATION**
R VAN ZYL, K JORDAAN, M BURGER
 (Abstract Nr 13)
- 17h30-17h40: **LARGE GOITRES AND PERIOPERATIVE AIRWAY MANAGEMENT**
T MORE, M JAMES, R HAYLETT, L CAIRNCROSS
 (Abstract Nr 14)
- 17h40-17h50: **THE RELIABILITY OF PHYSICAL EXAMINATION PER ANATOMIC AREA TO DETECT VASCULAR INJURY IN PENETRATING TRAUMA TO EXTREMITIES.**
JA LE ROUX, M BURGER, N FERREIRA, G DU PREEZ
 (Abstract Nr 15)
- 17h50-18h00: **WATER WISE HAND PREPARATION: THE TRUE IMPACT OF OUR PRACTICE**
M POTGIETER, M BURGER, A IKRAM
 (Abstract Nr 16)

POSTERS / PLAKKATE

1. **A STUDY OF THE PREOPERATIVE FASTING DURATION OF ELECTIVE CESAREAN SECTION PATIENTS, AT TYGERBERG HOSPITAL, AND THE INCIDENCE OF FASTING HYPOGLYCEMIA & KETONURIA**
 K ABLORT-MORGAN
 (Abstract Nr 17)
2. **ERECTOR SPINAE PLANE BLOCK: SENSORY DISTRIBUTION IN BREAST SURGERY**
K WILD, F RETIEF
 (Abstract Nr 18)
3. **REASSESSMENT OF ACUTE POSTOPERATIVE PAIN IN A RESOURCE-LIMITED BURNS UNIT AFTER THE IMPLEMENTATION OF AN ANALGESIC MANAGEMENT PLAN**
 AJ GREYLING, A SENEKAL, AA MURRAY
 (Abstract Nr 19)
4. **ACCESS TO HEALTH CARE FOR OSTEOPOROTIC HIP FRACTURE PATIENTS IN SOUTH AFRICA – PART OF FRAX MULTICENTER STUDY**
K JORDAAN, M CONRADIE, S DELA, F PARUK, B CASSIM, M LUKHELE, A KALLA
 (Abstract Nr 20)

Theme 7 / Tema 7

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

Lecture Hall 4 / Lesingsaal 4

Welcome 08:30 – 08:40: Dr Linzette Morris

FIRST SESSION / EERSTE SESSIE (Lecture Hall 4)

Chairperson / Voorsitter: Dr Linzette Morris

- | | |
|-------------|--|
| 08h40-08h50 | THE EFFECT OF ISCHEMIC COMPRESSION VERSUS ELECTROTHERAPY ON PAIN AND RANGE OF MOTION IN PATIENTS WITH MYOFASCIAL TRIGGER POINTS IN THE TRAPEZIUS MUSCLE: A SYSTEMATIC REVIEW
THAKEERAH KHAN ET AL
(Abstract Nr 1) |
| 08h50-09h00 | THE COMPLICATIONS, OUTCOMES AND MANAGEMENT STRATEGIES OF NON-MISSILE PENETRATING HEAD INJURIES
BRADLEY HARRINGTON ET AL
(Abstract Nr 2) |
| 09h00-09h10 | BIOMECHANICAL ANALYSIS OF MOTOR IMPAIRMENTS CONTRIBUTING TO EARLY FUNCTIONAL DECLINE IN ADULTS LIVING WITH HIV-1-INFECTION: SUB-STUDY TO THE ENDOAFRICA STUDY
KARINA BERNER ET AL
(Abstract Nr 3) |
| 09h10-09h20 | FUNCTION AND EXERCISE PERFORMANCE OF TRANSTIBIAL AMPUTEES DURING A 6 MINUTE WALK TEST AND OBSTACLE COURSE USING A NOVEL MECHANICALLY POWERED ANKLE/FOOT PROSTHESIS: A RANDOMISED CONTROLLED TRIAL
PHOEBE RUNICMAN ET AL
(Abstract Nr 4) |
| 09H20-09h30 | SPINAL TRAUMA: THE BURDEN AND CLINICAL PROFILE AT A MAJOR TERTIARY HOSPITAL IN THE WESTERN CAPE
DANIE KRYNAUW ET AL
(Abstract Nr 5) |
| 09h30-09h40 | THE EFFECTIVENESS OF SCHROTH EXERCISES IN ADOLESCENTS WITH IDIOPATHIC SCOLIOSIS IN DECREASING THE COBB ANGLE COMPARED TO NON-SURGICAL MANAGEMENT: A SYSTEMATIC REVIEW
ELZAANE MYBURGH ET AL
(Abstract Nr 6) |

09h40-09h50	UNSTABLE ANKLE FRACTURES – IS THERE A DIFFERENCE BETWEEN USING A LOCKED INTRAMEDULLARY FIXATION COMPARED TO ANATOMICALLY CONTOURED PLATING. DE LA REY BADENHORST ET AL (Abstract Nr 7)
09h50-10h00	MOBILITY TRANSITION IN OLDER ADULTS IN WORCESTER USING AN OCCUPATIONAL LENS MIA DUVENHAGE ET AL (Abstract Nr 8)
10h00-10h30	TEA AND POSTER DISCUSSION
SECOND SESSION / TWEDE SESSIE (Lecture Hall 4)	
Chairperson / Voorsitter: Ms Rachel Allgaier	
10h30-10h40	THE DEVELOPMENT AND VALIDATION OF THE STELLENBOSCH UNIVERSITY ON-ROAD ASSESSMENT FOR FITNESS TO DRIVE LIZETTE SWANEPOEL ET AL (Abstract Nr 9)
10h40-10h50	UNIQUE CLINICAL EFFECTS OF MINOR ADDER ENVENOMING CHERYLYNN WIUM ET AL (Abstract Nr 10)
10h50-11h00	DESIGNING A LONGITUDINAL STUDY TO IMPROVE THE WELFARE AND PERFORMANCE OF THE 10,000 MATIES ATHLETES: A PROTOCOL ARTICLE JAMES BROWN ET AL (Abstract Nr 11)
11h00-11h10	THE EFFECT OF PRE-EXERCISE LOW-LEVEL LASER THERAPY COMPARED TO PLACEBO ON EXERCISE INDUCED MUSCLE DAMAGE OF THE KNEE EXTENSORS IN 18-35-YEAR-OLD MALES WILMIEN ESTERHUYSEN ET AL (Abstract Nr 12)
11h10-11h20	CROSS-CULTURAL ADAPTATION OF THE DISABILITIES OF THE ARM, SHOULDER AND HAND (DASH) QUESTIONNAIRE: ASPECTS TO CONSIDER. SUSAN DE KLERK ET AL (Abstract Nr 13)
11h20-11h30	RETROSPECTIVE REVIEW OF CLOSED REDUCTION OF CERVICAL SPINE FACET DISLOCATIONS DE LA REY BADENHORST ET AL (Abstract Nr 14)
11h30-11h40	WORKPLACE-BASED REHABILITATION FOR UPPER LIMB CONDITIONS: A SYSTEMATIC REVIEW MUNIRA HOOSAIN ET AL (Abstract Nr 15)
11h45-12h15	LUNCH (Foyer between Lecture Hall 11 and 12) and POSTER DISCUSSIONS

MAIN PROGRAMME / HOOFPROGRAM (Lecture Hall 11)

Session Chair / Sessie Voorsitter: Prof Nico C Gey van Pittius (Vice 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 Clifton E Barry III (Section Chief and Senior Investigator, Tuberculosis Research Section (TRS), Laboratory of Clinical Infectious Disease, National Institute of Allergy and Infectious Diseases (NIAID), US National Institutes of Health (NIH))
Presentation title: *"Oxazolidinones for the treatment of TB: past, present and future"*
- 14h00-14h30: **TEA AND POSTER DISCUSSIONS**

POSTERS / PLAKKATE

- 1. THE AVAILABILITY, UTILIZATION AND RELEVANCE OF THERAPEUTIC APPARATUS IN SOUTH AFRICAN OCCUPATIONAL THERAPY CLINICAL PRACTICES**
MIA DUVENHAGE ET AL
(Abstract Nr 16)
- 2. WHY ARE ATHLETES BRINGING INJURIES INTO THE GAMES? THE RISK PROFILES ASSOCIATED WITH THE HIGH PRE-COMPETITION PERIOD INJURY RATE AT THE RIO 2016 PARALYMPIC GAMES?: A MULTIVARIATE ANALYSIS OF 51,198 ATHLETE DAYS**
PHOEBE RUNICMAN ET AL
(Abstract Nr 17)
- 3. A DESCRIPTIVE ANALYSIS OF SCORPION ENVENOMATION AS REPORTED TO A POISON CENTRE IN SOUTH AFRICA OVER A 12 YEAR PERIOD**
CARINE MARKS ET AL
(Abstract Nr 18)
- 4. OUTCOMES OF OPEN REDUCTION INTERNAL FIXATION OF FEMORAL NECK FRACTURES: A THREE YEAR AUDIT AT CENTRAL ACADEMIC HOSPITAL**
GERHARD PIENAAR ET AL
(Abstract Nr 19)
- 5. THE INCIDENCE OF INJURY AND ILLNESS AT THE PYEONGCHANG 2018 PARALYMPIC WINTER GAMES: AN ANALYSIS OF 6,804 ATHLETE DAYS**
PHOEBE RUNICMAN ET AL
(Abstract Nr 20)