

| Wednesday 27 July – Oral presentations and MURIA PLANNING (Chairs: Joseph Fadare and Ilse Truter) – Auditorium 1 | |
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| | Research Topics: Adherence and NCDs |
| 08.30 – 08.45 | Registration and coffee |
| 08.45 – 09.15 | Antibiotic research in Namibia particularly among public hospitals – presentation by Dan Kibuule (Namibia) and colleagues in memory of Matthias Adorka |
| 09.15 – 10.00 | Oral presentations (continued) <ul style="list-style-type: none"> Mary Jande (Tanzania) – Adherence and patient related beliefs towards their medications among the adult hypertensive outpatients in Mwanza, Tanzania Tom Baasi (Botswana) – Management of Hypertension in Botswana including Pharmaceutical Care initiatives Martie Lubbe (South Africa) – Medicine possession ratio as proxy for adherence to antiepileptic drugs Johanita Burger (South Africa) – Detecting potentially serious drug-drug interactions among South African elderly private health sector patients using the Matanovic/Vlahovic-Palcevski drug-drug interaction protocol Ilse Truter (South Africa) – Vaccination coverage in underprivileged Grade-R school children in Nelson Mandela Bay Health District Godfrey Rwegerera (Botswana) – Anti-diabetic medication adherence in Block 6 clinic, Gaborone, Botswana Therése Kairuz (Australia)/ Ilse Truter (South Africa) – 'How pharmacists can develop databases for DU studies' |
| 11.00 – 11.30 | Research Tools Need Assessment of Biomedical Professionals and Researchers across Africa: Implications for future DU studies in Africa – Olayinka Ogunleye on behalf of the Gateway group |
| 11:30 – 11:50 | Coffee/Tea including Group Photograph |
| 11:50 – 13.00 | Consensus Session including agreement of potential studies, publication strategies and funding sources to drive MURIA forward to enhance the appropriate use of medicines forward in Africa. Agreement of the potential venue for MURIA 3 – led by Amos Massele, Brian Godman and Dan Kibuule |
| 13.00 – 13:15 | Closing Remarks – Brian Godman and Dean of the Faculty of Medicine |
| 13:15 | Lunch and Departure including presentation of Certificates |
| Wednesday afternoon – WHO Antibiotic Utilisation Training Programme (Room H 140) led by Arno Muller (WHO Geneva) (up to 10 Guests) | |
| 14.00 – 15.30 | ATC/DDD methodology and its application to antimicrobials |
| 15.30 – 16.30 | The WHO methodology for surveillance of antimicrobial consumption |
| 16.30 – 16.50 | Tea/ Coffee |
| 16.50 – 17.20 | The variables for antimicrobial consumption |
| 17.20 – 17.50 | WHO 2016 antimicrobial consumption data collection |
| 17.50 – 18.00 | Final questions and close |

Posters

- Angel Lubasi (South Africa). Adherence to antiretroviral treatment amongst patients at a clinic in South East District, Botswana
- Razia Gaida (South Africa) – Incidence of neuropsychiatric side effects of efavirenz in HIV-positive treatment-naïve patients in public-sector clinics in the Eastern Cape
- Ilse Truter (South Africa) – Antimalarial prescribing patterns in South Africa
- Mary Jande (Tanzania). Adherence to Antiretroviral Therapy in HIV- Infected Children and Adolescents Attending Sekou Toure Care and Treatment Clinic in Mwanza, Tanzania
- Mary Jande (Tanzania). Extent of substance abuse in Tanzania and the implications
- Rianda Joubert and colleagues (South Africa). Prevalence of schizophrenia and compliance of schizophrenia patients to antipsychotic treatment in the private health care sector of South Africa
- Johanita Burger (South Africa). Anti-epileptic prescribing patterns in the South African private health sector (2008–2013)
- Ester Naikaku (Namibia). A pre-service curriculum for capacity development in medicine regulation at the University of Namibia: process and outcomes
- Brian Godman (Sweden, UK) – The changing environment for drug utilisation studies in Africa; implications for the future
- Brian Godman (Sweden, UK) – Multiple interventions are typically needed to influence prescribing and dispensing behaviour; fact or fiction?
- Brian Godman (Sweden, UK) – Initiatives to progress drug utilisation projects in AFRICA via the newly formed MURIA (Medicines Utilisation Research in Africa) group
- Joseph Fadare/ Kazeem Oshikoya (Nigeria) – Potential drug-drug interactions in paediatric outpatient prescriptions at four Nigerian general hospitals
- Joseph Fadare (Nigeria) – Drug promotional activities in Nigeria: Impact on prescribing pattern and practices of medical practitioners
- Lars Gustafsson/ Olayinka Ogunleye/ Jaran Eriksen (Sweden/ Nigeria) – African Gateway poster
- Olayinka Ogunleye (Nigeria) – Medication Errors among Health Professionals in Nigeria: A National Survey
- Renia Coghlan (TESS Development Advisors) – How do supply and affordability of antimalarial medicines vary across outlet type and what does this mean for effective and rational treatment?
- Adedunni Olusanya (Nigeria) – Perception of Adverse Effects in patients on Carbamazepine Monotherapy for Seizure Control
- Robert Tuala Tuala/ Kidwell Matshotyana (MSH, USAID/SIAPS Program, DRC and Swaziland) – Providing a study-based evidence to advocate for a large-scale establishment of effective Drug and Therapeutic Committees in referral hospitals in Democratic Republic of Congo (DRC)
- Fola Amu – The impact of a health education intervention on the knowledge of HIV/AIDS among factory workers in Swaziland



Second Training Workshop and Symposium MURIA Group

25 – 27 July 2016 Program



| Monday 25 July – PRECONFERENCE TRAINING WORKSHOPS (Chair: Professor Amos Massele) – Auditorium 1 | |
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| 08.30 - 09.00 | Registration and placing of posters (coffee/ tea on arrival) |
| 09.00 - 09.10 | Introduction of participants, special guests and the Deputy Vice Chancellor Academic Affairs: Dean Faculty of Medicine. |
| 09.10 - 09.25 | Welcome remarks and introduction of the guest speaker: Deputy Vice Chancellor Academic Affairs (DVCAA) UB). |
| 09.25 - 09.45 | Special Address: The Honorable Assistant Minister of Health Dr Alfred Madigela |
| 09.45 - 10.00 | Introduction to the workshops and logistics: Amos Massele and Brian Godman |
| Track 1 | Introduction to Drug Utilisation Research (DUR) Training session – Chair Johanita Burger and Margaret Oluka – Auditorium 1 |
| 10.15 - 11.00 | Introduction to DUR with emphasis on methodologies including ATC/ DDD (Margaret Oluka, Kenya and Ilse Truter, SA) |
| 11.00 - 11:30 | Tea/Coffee |
| 11:30 - 13.30 | Introduction to DUR with emphasis on methodologies (Margaret Oluka/ Ilse Truter) – (Continued) |
| 13:30 - 14:30 | Lunch |
| 14:30 - 15.30 | Qualitative DUR (Ilse Truter, SA) |
| 15:30 - 16:00 | Tea/Coffee |
| 16:00 - 17:30 | Introductory Statistics (Marika Cockeran, SA) |
| 17.30 - 18.00 | Questions and close |
| | Evening - Free |
| Track 2 | Advanced Group – Interactive workshops around key topics – Auditorium 2 and Room H 140 |
| | Morning session – Chairs: Olayinka Ogunleye and Dan Kibuule – 10.15 – 13.30 (including Tea/ Coffee) |
| | <ul style="list-style-type: none"> Hands on session on statistics/ advanced analyses – Marika Cockeran (South Africa) and Michael Law (Rwanda, Canada) Developing formularies/ instigating active DTCs within countries – Introduction (Brian Godman). The Swedish example including regulations (Lars Gustafsson); experiences in Nigeria – Joseph Fadare; Swaziland (Kidwell Matshotyana and Fola Amu); Bokamoso Private Hospital, Botswana (Brigid Malone and colleagues). Subsequent workshop around key issues and challenges when developing DTCs |
| | Afternoon session – Chairs: Amos Massele and Brian Godman – 14.30 – 18.00 (include Tea/ Coffee) |
| | <ul style="list-style-type: none"> Research project and proposal writing workshop (Andy Gray, SA) 'Designing/ undertaking national/ cross national studies' including patient level data/ aggregated DU data. Introduction (Brian Godman), challenges and opportunities with national studies in Nigeria and Tanzania – Olayinka Ogunleye and Mary Jande, learnings from cross national aggregated DU studies in Europe – Brian Godman, Efavirinez cross national study challenges and opportunities – Lars Gustafsson and Sarah Nanzigu (Uganda). Subsequent workshop around key issues and challenges when undertaking national and cross national DU studies |
| Tuesday 26 July – RESEARCH PRESENTATIONS including feedback on current projects (Chairs: Andy Gray and Joseph Fadare) – Auditorium 1 | |
| | Research topics AM: Anti-Infectives |
| 08:30 - 09.00 | Registration and coffee (as well as putting up posters) |
| 09.00 - 09.15 | Welcome and agenda. Amos Massele and Brian Godman |
| 09.15 - 11.00 | <ul style="list-style-type: none"> Management of URTIs in the Private Sector in Botswana (Matshediso Matome and Brian Godman) – update of ongoing studies (09.15 – 09.30) Programmes to optimise antibiotic prescribing in Bokamoso Private Hospital, Botswana, including antibiotic stewardship programmes (Brigid Malone and Utlwang Toko) – 09.30 – 10.10 Programmes to optimise antibiotic prescribing in Gaborone Private Hospital, Botswana (Thatayaone Didimalang and Mosana Moyo) – 10.10 – 10.35 Point prevalence study among Public Hospitals in Botswana to document antibiotic utilization/ improve future management and next steps (Bene Anand Paramadhas and Celda Tiroyakgosi) – 10.35 – 11.00 |

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| 11.00 - 11.20 | Tea/ coffee |
| 11.20 - 12.15 | Brief feedback regarding ongoing activities to improve antibiotic utilisation in other African countries (including time for discussion after each short presentation) <ul style="list-style-type: none"> Kenya (Margaret Oluka) – 15 minutes South Africa (Hannelie Meyer) – 15 minutes Tanzania (Romuald Mbwasi) – 15 minutes Zimbabwe (Sekesai Zinyowera/ Newman Madzikwa) – 25 minutes |
| 12.30 - 12.50 | 1 slide presentation by participants wishing to present their posters |
| 12.50 - 13.45 | Lunch |
| | Research topics PM – Various including anti-infectives. Chairs including: Olayinka Ogunleye, Brian Godman, and Lars Gustafsson |
| 13.45 - 14.30 | Brief review of ongoing activities among a selection of African countries to improve the rational use of medicines through drug utilisation research since July 2015 – discussion and implications <ul style="list-style-type: none"> Tanzania (Mary Jande) Swaziland (Kidwell Matshotyana - including implementation of standard treatment guidelines in Swaziland as well as feedback on the recent DU course) |
| 14.30 - 16.00 | Oral presentations surrounding principally anti-infectives (maximum 10 minutes presentation followed by 5 minutes discussion) <ul style="list-style-type: none"> Dan Kibuule (Namibia) – An analysis of policies for cotrimoxazole , amoxicillin and azithromycin use in Namibia's public sector: findings and therapeutic implications Aubrey Chichonyi Kalungia (Zambia) – Prevalence and practice of non-prescription sale and dispensing of antibiotics in selected community retail pharmacies in Lusaka district of Zambia Daniel Afriyie (Ghana) - The use of ceftriaxone at the Ghana Police Hospital, Ghana Sajini Souda (Botswana) - Infant Cotrimoxazole Prophylaxis Associated with Commensal Gut Flora Resistance Francis Kalemerra (Namibia) – Effect of changing from first- to Second- Line Antiretroviral Therapy on Renal Function Michael Law (Rwanda, Canada) - Impact on ARV use after Rwanda changed the threshold for treatment from CD4 < 350 to < 500 |
| 16.00 - 16.30 | Tea/ coffee |
| 16.30 - 18.45 | Oral presentations (continued) including ADRs and prescribing errors studies <ul style="list-style-type: none"> Mwangana Mubita (Namibia) – Effect of Renal Function Assessment Methods on Tenofovir Disoproxil Fumarate's Safety Reports: Pharmacovigilance Margaret Oluka (Kenya) – Adverse drug reactions to antiretroviral therapy in Kenya Charles Ezenduka (Nigeria)/ Brian Godman (Sweden/UK) – Antimalarial drugs treatment pattern among pregnant women attending antenatal care clinics in Anambra state, South East Nigeria Renia Coghlan (TESS Development Advisors) – How can information on total national pharmaceutical markets in Africa support drug utilisation studies? (or possibly as an oral presentation) Antionette Terblanché (South Africa) - Baseline data for the development and evaluation of a structured pharmacovigilance system in Sebokeng Hospital, Gauteng Province Lakshmi Rajeswaran (Botswana) – PREVENTION OF MEDICATION ERRORS DURING CARDIOPULMONARY ARREST Adetutu Ajemigbitse (Nigeria) – PRESCRIBING ERRORS AND INTERVENTION OUTCOMES IN SELECTED TERTIARY HOSPITALS IN NIGERIA Bene Anand Paramadhas (Botswana) - Initiatives on Medication Safety at Nyangabgwe Hospital Bayobuya Phulu (Namibia) - Promoting Rational Use of Medicines through Therapeutics Committees in Namibia. Evidence from Kunene region |
| 18:45 - late | Buffet reception at the University of Botswana plus review of posters |