



Opening Ceremony
The Presidential Salla - Friendship Hall
Friday 20, February 2015
07:30 PM

Recitation from the Holy Koran

Welcome speeches:

Graduate College Dean

Scientific Research & Cultural Relations Director

International delegates Representative

Conference Panorama

University of Khartoum Vice Chancellor

University of Khartoum Council Chairperson

Minister of Higher Education

Republic of Sudan President

Snacks and Sudanese Folklore

University of Khartoum
The 6th Annual Post-graduate Conference
The Medical & Health Sciences Studies
February 18 - 22, 2015



The Venue

Pre-Conference Workshops

18th-19th February 2015
Soba Education, Training & Examination Centre
Soba University Hospital
Faculty of Medical laboratory Sciences
Institute of Endemic Diseases, University of Khartoum

The Conference

21st-22nd February 2015
Soba Medical Campus
Soba Educational, Training and Examination Centre
Faculty of Medical laboratory Sciences







The Scientific Programme at a Glance

The conference activities will take place at the Soba Educational, Training & Examination Centre (SETEC), Soba University Hospital, & Faculty of Medical Laboratory Sciences (FMLS)

1. Prof. Mohamed Ahmed Hassan Lecture Theatre, (SETEC).
2. Prof. Abdel Alaa Abdulla Osman Osman Lecture Theatre, (SETEC).
3. The Clinical Skill laboratory, (SETEC).
4. The Fetal Medicine Unit, (SUH).
5. Prof. Ahmed Mohamed EL Hassan, (FMLS).
6. Lecture Theatre 1, (FMLS).

■ Plenary Presentation
 ■ Symposium
 ■ Short Communication

Date	09:00-11:00 am						Coffee Break	11:30-01:00 am						Lunch Break	01:30-03:30 am					
	1	2	3	4	5	6		1	2	3	4	5	6		1	2	3	4	5	6
21 st Feb. 2015	■	■	■	■	■	■		■	■	■	■	■	■		■	■	■	■	■	■
22 nd Feb. 2015	■	■	■	■	■	■		■	■	■	■	■	■		■	■	■	■	■	■



Pre-workshops

18-19th February 2015

The workshops and training activities will take place at the Soba Educational, Training & Examination Centre (SETEC), Soba University Hospital (SUH), Institute of Endemic Diseases (IED), Faculty of Medical Laboratory Sciences (FMLS) and The Mycetoma Research Centre (MRC), University of Khartoum.

Date	Workshop	Facilitator	Venue
18 th -19 th Feb	The Molecular and Immunological Diagnosis of Infectious Disease	Dr. Sahar Mubarak Bakhiet	IED
18 th -19 th Feb	Clinical trials conduct	Dr. Ahmed Mudawi Musa	IED
18 th -19 th Feb	Basic surgical skills	Prof. AL Doori Mr. Yousif Hussein	Skills Lab TEC
18 th Feb	Herbal products development	Prof. Sami Khalid	ICT Hall SUH
18 th -19 th Feb	Professionalism	Prof. Zein Karrar	Prof. Hassan SETEC

18 th -19 th Feb	Spatial and Ecological Modelling of Infectious Diseases A GIS Training Workshop for Public Health and Infectious Diseases professionals	Dr. Abdulla M Samy Dr. Badr EL Din Osman	E. Learning Centre
18 th Feb	Breast cancer management	Dr. Kamal Hamad Dr. EL Shami	Fetal Medicine Unit SUH
18 th Feb	Nursing the epilepsy patients	Prof. Oshiek Saedia	Nursing Hall
18 th Feb	Oral cancer management	Prof Ahmed Mohammed Suleiman Mr. Khalid Abdel-Galil Dr. Haithium Babiker Dr. Osama Elamin	Prof A. Alaa SETEC
18 th Feb	The Diagnosis of primary immuno-deficiencies	Prof. Dr. Michael Kirshfink Prof. Mohamed Ridha	Prof. EL Hassan FMLS
18 th Feb	OSCE for Nursing	Dr. Sanaa Abd El Azim Ibrahim	LH2 FMLS
19 th Feb	How to write a winning proposal and to raise research funds	Prof. Melani Newport Prof Gail Davey	Mycetoma RC

19 th Feb	The stem cells and regenerative medicine	Prof. Naser Eldin Bilal Mohamed	LH1 FMLS
18 th Feb	Scientific research bioethics	Prof. MA EL Sheikh Dr. Shaza Kamal	Fetal Medicine Unit SUH
19 th Feb	Knee joint replacement	Mr. Sharaf EL Gozoli	Surgery Department
19 th Feb	Disease control programme: How can I do it?	Prof. Mutamad Amin	Noura lecture theatre
19 th Feb	Problem based learning for nursing	Dr. Sanaa Abd El Azim Ibrahim	LH1 FMLS
19 th Feb	Post-Kala-azar Dermal Leishmaniasis (PKDL) Internet-Based Learning Course	Prof. Ed Zijlstra Prof Ahmed Mudawi	Prof. Alal SETEC
19 th Feb	Clinical Pharmacy Cases - approach for better drug therapy and the role of pharmacists	Prof. Syed Azhar Syed Sulaiman	ICT Hall

Special Guest Lecture

19th February, 2015

Professor Mohamed Ahmed Hassan Lecture Theatre

14:00-16:00 Neglected Tropical Diseases – a case for eradication and the related public health challenges
Prof. Marcel Tanner, Swiss Tropical & Public Health Institute, University of Basel, Basel, Switzerland





The Invited Guests Speakers

1. Prof. Marcel Tanner, Swiss Tropical and Public Health, Basel, Switzerland.
2. Prof. Michael Kirshfink, University of Heidelberg, Heidelberg, Germany.
3. Prof. Melanie Newport, Sussex Medical School, University of Sussex, UK.
4. Prof. Raman Bedi, King's College, London, UK.
5. Prof. Stephen Flint, Dublin Dental University Hospital, Dublin
6. Prof. Mamoun Mohamed Ali Homeida, University of Medical Sciences & Technology, Khartoum, Sudan
7. Prof. Mutamad Amin, WHO Consultant, Khartoum, Sudan.
8. Prof. Xue-Guang Zhang, Medical School of Soochow University, China
9. Prof. Mustafa Abdeulla Salih, King Saud University, Riyadh, Kingdom of Saudi Arabia
10. Prof. Simon Croft, London School of Hygiene and Tropical Medicine
11. Prof. Ed Zijlstra, Rotterdam Tropical Centre, Rotterdam, The Netherlands.
12. Prof. Mohamed Ridha, Institute Pasteur, Tunis
13. Prof. Gail Davey, University of Sussex, United Kingdom
14. Prof. Syed Azhar Syed Sulaiman, School of Pharmaceutical Sciences, Universiti Sains, Malaysia
15. Prof. Rajesh Kalaria, International University of Newcastle, Newcastle, UK
16. Prof. Erich Schumathard, Medical University Innsbruck, Austria
17. Prof. Alawia Suliman, Penn State College of Medicine, The Milton S. Hershey Medical Center, USA

18. Prof. W. Stuart Warren, Penn State College of Medicine, The Milton S. Hershey Medical Center, USA
19. Prof. Ulrich Sack, University of Leipzig, Germany.
20. Prof. Riadh Gouider, EL Razi Hospital, Tunis
21. Prof. Victor Patterson, UK
22. Prof. Ingmar Skoog, the University of Gothenburg, Sweden
23. Prof. Munther Aldoori, Calderdale & Huddersfield NHS Trust, UK
24. Prof. Herman Koeter, Orange House Partnership, Brussels
25. Dr. Nathalie Strub-Wourgaft, Drugs for Neglected Diseases Initiative, Geneva, Switzerland.
26. Dr. Wendy van de Sande, Erasmus Medical Centre, Rotterdam University, The Netherland.
27. Dr. Ramzi Ahmed Mothana, King Saud University, Kingdom of Saudi Arabia.
28. Mr. Khalid Abdel-Galil Oxford University Hospital, Oxford, UK
29. Prof. Yousif EL Tayeb, Rashid Teaching Hospital, Dhabi, UAE
30. Dr. Elshami Elamin, Central Care Cancer Center, Wichita, Kansas, USA
31. Dr. Abdallah M. Samy, University of Kansas, USA
32. Dr. Monique Wasunna, Drugs for Neglected Diseases Initiative, Nairobi, Kenya
33. Prof. Willem De Wit, Orange House Partnership
34. Dr. Amadou Gallo Diop, The University Hospital of Fann, Dakar, Senegal
35. Dr. Haithium Babiker, Cincinnati, OHUSA
36. Dr. Sanaa Abd El Azim Ibrahim, Port Said University- Egypt





Saturday 21st February 2015

09:00-11:00 am

Professor Mohamed Ahmed Hassan Lecture Theatre

The First Plenary Session

Neglected Tropical Diseases

Chairpersons Prof. Prof. Melanie Newport
Prof. Sami Ahmed Khalid

09:00-09:30 Tropical Medicine in 2015
Prof. Ed E Zijlstra, Rotterdam Centre for Tropical
Medicine, the Netherlands

09:30-10:10 Potentials for research collaboration in infectious
and tropical diseases
Prof. Simon L. Croft, Faculty of Infectious and
Tropical Diseases, London School of Hygiene &
Tropical Medicine, UK

10:10-10:50 Collaborative Translational Research and Control
of Meningitis in Sudan
Prof. Mustafa Abdalla M Salih, College of Medi-
cine, King Saud University, Riyadh, KSA.

10:50-11:00 Discussion

11:00-11:30 Coffee Break

Saturday 21st February 2015

09:00-11:00 am

Professor Abdel Alaa Abdulla Osman Lecture Theatre

The Second Plenary Session

Neurology

Chairpersons Prof. Ammar EL Tahir
Prof. Rajesh Kalaria
Prof. Riadh Gouider

09:00-09:30 Cerebrovascular Disorders: Small Vessel Diseases of the Brain
Prof. Raj N Kalaria, Institute of Neuroscience, Newcastle University, UK.

09:30-10:00 Challenges of Critical Care Medicine in Resource Limited Environment
Prof. Erich Schmutzhard, Medical University Innsbruck, Austria.

10:00-10:30 Brain Health Challenges In Africa
Dr. Amadou Gallo, University of Dakar, Senegal.

10:30-11:00 How to plan, design, and conduct epidemiological studies
Prof. Ingmar Skoog, Sahlgrenska Academy of the University of Gothenburg, Sweden

11:00-11:30 Coffee Break



Saturday 21st February 2015

09:00-11:00 am

Clinical Skills Hall

The First Symposium Session

Pharmacy

Bio-pharmaceutics Classification System Based Biowaivers:
Problems identified and current implementation by Sudanese Drug
Regulatory Authority.

Chairpersons Prof. Elamin Ibrahim El-Nima
Dr. Alnada A.M. Ibrahim

09:00-09:10 Dr. Abubakr Osman M. Nur, Khartoum, Sudan

09:10-09:20 Dr. Abdel Halim Babiker Mahmood,
Khartoum, Sudan

09:20-09:30 Dr. Mohamed El Hassan Imam, Khartoum, Sudan

09:30-09:40 Dr. Ahmed El Badawi, Khartoum, Sudan

09:40-09:50 Dr. Salah Ibrahim Abdel Rahman, Khartoum, Sudan

09:50-11:00 Discussion

11:00-11:30 Coffee Break

Saturday 21st February 2015

09:00-11:00 am

Foetal Medicine Lecture Theatre

09:40-10:20 New clinical developments in the management of early childhood caries.
Prof. Raman Bedi, King's College, London, UK

The Third Plenary Session

Oral Health

Chairpersons Dr. Mohmad. A. Al Hejzi
Dr. Alneel A. Mohamed

10:20-11:00 Contemporary Management of Oral Cancer & Research Perspectives
Mr. Khalid Abdel-Galil, Oxford University Hospital NHS Trust, Oxford, UK

09:00-09:40 Oral ulceration
Professor Stephen Flint, Dublin Dental University Hospital and Trinity College Dublin

11:00-11:30 Coffee Break



Saturday 21st February 2015

09:00-11:00 am

Professor Ahmed Mohamed EL Hassan Lecture Theatre

The Fourth Plenary Session

Immunological diseases

Chairpersons Prof. Naser Eldin Bilal Mohamed
Prof. Mohamed Osman Gad EL Rab

09:00-09:30 Immune escape of Cancer Cells
Prof. Michael Kirschfink, Institute of Immunology,
University of Heidelberg, Germany

09:30-10:00 Diagnosis of Immune deficiencies
Prof. Ulrich Sack, The Institute of Clinical Immunol-
ogy, University of Leipzig, Germany.

10:00-10:30 Twenty years' experience of Primary Immune
Deficiencies investigations in resource –
limited settings
Prof. Mohamed-Ridha Barbouche, Department
of Immunology, Institut Pasteur de Tunis, Tunis,
Tunis

10:30-11:00 Identification of biological characteristics and
function of human sweat gland stem cells
Prof. XueGuang Zhang, The Stem Cell and Biomed-
ical Material Key Laboratory of Jiangsu Province,
Suzhou, China.

11:00-11:30 **Coffee Break**

Saturday 21st February 2015

09:00-11:00 am

Laboratory Faculty Lecture Theatre

09:40-10:20 Food Microbiology: Food Hygiene & Safety
Prof Willem De Wit, Orange House Partnership, Brussels, Belgium and DeWit Consultancy, Wageningen, The Netherlands

The Fifth Plenary Session

Health Sciences

10:20-11:00 Discussion

Chairpersons Dr. Kamil Merghani Ali
Dr. EL Rashid Ali

11:00-11:30 Coffee Break

09:00-09:40 Food security, safety and quality: Do they go hand in hand?
Prof. Herman BWM Koëter, Orange House Partnership, Brussels, Belgium.



Saturday 21st February 2015

11:30-13:30 am

Professor Mohamed Ahmed Hassan Lecture Theatre

The First Symposium Session

Mycetoma: A Medical and health Dilemma

Chairpersons Prof. Gail Davey
Prof. Mutamad Amin

11:30-12:00 Mycetoma why it is still a neglected disease.
Prof. EL Sheikh Mahgoub, University of Khartoum,
Sudan.

12:00-12:30 Mycetoma: A medical and social dilemma
Prof. Ahmed Hassan Fahal, University of Khartoum,
Sudan

12:30-12:50 Identification of Black Grain Eumycetoma
Agents Using Rolling Circle Amplification
as a Rapid Tool for Mycetoma Diagnosis
Miss Sarah A Ahmed, University of Khartoum,
Sudan

12:50-13:10 Mapping the potential risk of mycetoma infection
in Sudan and South Sudan using ecological niche
modelling.
Dr. Abdulla M Shamy, University of Kansas,
Kansas, USA.

13:10-13:30 Discussion

13:30-14:30 **Lunch Break**

Saturday 21st February 2015

11:30-13:30 am

Professor Abdel Alaa Abdulla Osman Lecture Theatre

The Second Symposium Session

Neurology

Chairpersons Prof. Alaadin Hassan Ahmed
Prof. Victor Patterson
Prof. Amadu Gallo Diop

11:30-12:00 The Era of Pediatric Neurogenetics
Prof. Mustafa Abdeulla Salih, College of Medicine,
King Saud University, Riyadh, KSA

12:00-12:30 Infections of the Nervous System in the Critical
Care Unit
Prof. Erich Schmutzhard, Medical University Inns-
bruck, Austria.

12:30-13:00 Limb-girdle muscular dystrophy (LGMD): Diagnosis
in an Arab country
Riadh Gouider, Imen Kacem, Razi Hospital.
Tunis –Tunisia.

13:00-13:30 Myasthenia Gravis Presentation with reference
to Sudan
Ammar EM Ahmed, Afraa M Musa, Rehab M Badi,
Salah A Ibrahim, Samira M Ibrahim & Maha Elzu-
beir, University of Khartoum, Sudan

13:30-14:30 Lunch Break



Saturday 21st February 2015

11:30-13:30 am

Clinical Skills Hall

The Sixth Plenary Session

Pharmacy

Chairpersons Prof. Hassan Subki Khalid
Prof. El Rashied Ali Elobeid

11:30-12:10 Current landscape of Sudanese natural products-based drug discovery against Neglected Tropical Diseases
Prof. Sami Ahmed Khalid, University of Khartoum, Khartoum, Sudan.

12:10-12:50 Island Soqatra: a unique source of medicinal plants with anticancer, antimicrobial, antiviral and antiprotozoal potentials.
Dr. Ramzi A Mothana, College of Pharmacy, King Saud University, Riyadh, KSA.

12:50-13:30 The changing role of pharmacists: From behind the curtain to the bedside - The complimentary of Pharmaceutical care for better quality of treatment
Prof. Syed Azhar Syed Suleiman
School of Pharmaceutical Sciences, Universiti Sains, Malaysia

13:30-14:30 Lunch Break

Saturday 21st February 2015

11:30-13:30 am

Foetal Medicine Lecture Theatre

First Oral Presentation Session

Chairpersons Prof. Raman Bedi
Dr. Nazik M Nurelhuda

11:30-11:45 Frequency of Simian Virus 40 DNA in Pleomorphic Adenoma among Sudanese Patients
Dalia Al Sadig Mohammed & Ahmed M. Suleiman, Khartoum, Sudan.

11:45-12:00 Dental Arch Form and Dimensions among Class I, II and III occlusion in a Sudanese Sample
Fatima M Eltom & Shaza Abass, Khartoum, Sudan.

12:00-12:15 Determinants of the First Dental Visit in a Group of Sudanese Children: A Dental-Hospital Based Study
Malaz Mohamed ELrafie Mustafa Salih & Fatma EL-khidir EL-Hassan, Khartoum, Sudan.

12:15-12:30 Open versus Closed Treatment of Mandibular Condylar Fractures
Mariam El Hadi Ahmed & Mohamed A. Higzi, Khartoum, Sudan.

12:30-12:45 Frequency of Oral Cancer among Cancers in Sudanese Patients
Nazik Omer Elbashir Elhassan & Ahmed Mohamed Suleiman, Khartoum, Sudan.

12:45-13:00 WHO simulation model Sudan (WHOMS-14); a case study of peer-assisted learning
Nurelhuda NM & Ahmed AY, Khartoum, Sudan

13:00-13:30 Discussion

13:30-14:30 **Lunch Break**



Saturday 21st February 2015

11:30-13:30 am

Professor Ahmed Mohamed EL Hassan Lecture Theatre

The Second Oral Presentation Session

Chairpersons Prof. Xue-Guang Zhang
Prof. Michael Kirshfink

11:30-11:50 The Platelets to Lymphocytes Ratio (PLR) as an indicator for Malaria Severity
Mutwakil Mubarak Mohammed, Khartoum, Sudan.

11:50-12:10 Phenotypic and genotypic characterization of bacterial species associated with nosocomial infections at Radiation and Isotopes Centre-Khartoum, Sudan
Aymen Mudawe Nurain Mudawe & Naser Eldin Bilal, Khartoum, Sudan.

12:10-12:30 Phenotyping and Molecular Genotyping of Salmonella Serotypes in Humans and Animals in Elobeid City

Eldaw Breima Suliman Mohamed & Naser Eldin Bilal, Khartoum, Sudan.

12:30-12:50 Prevalence and Characterization of Rotavirus Recovered in Khartoum State, Sudan
Magzoub A. Magzoub, Naser Eldin Bilal, Mohamed Alzohairy, Omran F Osman, Baha Eldin Khalid Elamin Elhag, Khartoum, Sudan.

12:50-13:10 Prevalence of Abnormal Pap smears in Sudan Implications for screening
Marwa Moawia, Mohammed H Elhoweris, Ahmed O Almobarak, Mohamed H Ahmed, Khartoum, Sudan.

13:10-13:30 Distribution of class 1 integrons and their effect on the prevalence of multi-drug resistant Escherichia coli clinical isolates from Sudan
Mutasim E Ibrahim, Naser E Bilal & Mohamed E Hamid. Khartoum, Sudan.

13:30-14:30 Lunch Break

Saturday 21st February 2015

11:30-13:30 am

Laboratory Faculty Lecture Theatre

The Third Oral Presentation Session

Health Sciences

Chairpersons Prof. Herman Koeter
Prof. Willem De Wit

11:30-11:50 A Quick Qualitative Test for Identifying Human Blood Meal in Fed Female Mosquitoes
Mohamed Elhag Elkhidir, Mohammed Medani Eltayib & El-Amin El-Rayah Mohamed, Khartoum, Sudan.

11:50-12:10 Toxicity of ambrosia maritima l. leaves aqueous extract and abate aqueous solutions, on culex- species.
Alashary Adam Eisa Hamdoon, Khartoum, Sudan.

12:10-12:30 Evaluation and Upgrading of Solid Waste Management in Khartoum State
Babiker Ahmed Babiker Abdalla, Khartoum, Sudan.

12:30-12:50 Factors Affecting Ovi position and Larval Development of Anopheles arabiensis in East Nile Locality - Khartoum State.
Radia Abdelbasit Khairalla Fadlelmola, Khartoum, Sudan.

12:50-13:10 Smoking behavior among male students in secondary schools in Sudan
Ayat Abayzeed Mohammed Mohammed Osman, Khartoum, Sudan.

13:10-13:30 Discussion

13:30-14:30 Lunch Break



Saturday 21st February 2015

14:30-16:00 am

Professor Mohamed Ahmed Hassan Lecture Theatre

The Fourth Symposium Session

Leishmaniasis Fight

Chairpersons Prof. Ahmed Modawi Musa
Dr. Monique Wasunna

14:30-15:00 Assisting a marginalized community to lead a better life: 25 years of work in Gedarif State by the Institute of Endemic Diseases, University of Khartoum
Prof. A M EL Hassan, University of Khartoum, Sudan.

15:00-15:30

Challenges and opportunities for the development of new treatments for leishmaniasis
Prof. Simon L. Croft, London School of Hygiene & Tropical Medicine, UK

15:30-16:00

Drugs for Neglected Diseases initiative, a not for profit Research & Development Organization with a strong implication in Sudan.
Dr. Nathalie Strub Wourgaft, Drugs for Neglected Diseases initiative, Switzerland.

Saturday 21st February 2015

14:30-16:00 am

Professor Abdel Alaa Abdulla Osman Lecture Theatre

The Fourth Oral Presentations Session

Chairpersons Prof. Shakir Zein
Mr. Suleiman Hussein

14:30-14:45 Inflammatory bowel disease in developing countries, experience from Sudan
El Tahir MA, Suliman SH, Ibrahim SZ, Mudawi HM, Dabora AA, Elsiddig HD, Salim OH, Abdelrahim MI, Khartoum, Sudan.

14:45-15:00 Flexor Digitorum Accessorius Longus Muscle in Resistant Clubfoot Patients - Introduction of a New Sign, predicting its presence
Samir Shaheen, Hatham Mursal, Mohamed Rabih, Ashok Johari, Khartoum, Sudan.

15:00-15:15 The continuing challenge of Female Genital Mutilation in Sudan
Abdel R Sharfi, Khartoum, Sudan.

15:15-15:30 Hypertension among Rural Population in Four States: Sudan 2012
Asma Abdelaal Abdalla, Khartoum, Sudan.

15:30-15:45 Rheumatic Heart Disease; a new look at an old disease
Ahmed El Sayed, Khartoum, Sudan

15:45-16:00 Cranial Meningioma in Sudanese Patients: Clinical and Pathological Characteristics
Mohamed A. R. Arbab, Sawsan A. H Al Deaf, Lamy-aa Ahmed El Hassan, Beshir M Beshir, Mohamed Saad Ahmed, Hadab A Mohamed, and Ahmed M ElHassan, Khartoum, Sudan.



Saturday 21st February 2015

14:30-16:00 am

Clinical Skills Hall

The Fifth Oral Presentations Session

Pharmacy

Chairpersons Prof. Elrasheed Ahmed Gad Kariem
Dr. Zuheir Abdelrahman

14:30-14:45 Antibacterial Activity of Twelve Medicinal plants
Intisar Abdel Mageed Ali & El Amin I. ELnima,
Khartoum, Sudan.

14:45-15:00 Antimicrobial susceptibility patterns
of *Pseudomonas aeruginosa* clinical isolates
obtained from hospitalized patients
Reem Z Abdel Nabi, Elamin I Elnima & Mohammed
A Ahmed, Khartoum, Sudan.

15:00-15:15 Characterization of Nephrotoxic Agents of
Aristolochia bracteolata Lam. by Hyphenated
Techniques
Ekram B Khalafalla & Sami A. Khalid, Khartoum,
Sudan.

15:15-15:30 Effect of Real Storage Conditions on Stability
of Dexamethasone formulations Marketed in Sudan
Hala abdalla Imam & Elrasheed Ahmed Gad Kariem,
Khartoum, Sudan.

15:30-15:45 Identification and In vitro Evaluation of New
Antileishmanial Drugs using Bioinformatics.
Hibat Alla MA Gindeel, Moawia M Mukhtar & Sania
A Shaddad, Khartoum, Sudan.

15:45-16:00 Immunomodulatory activity of *Momordica*
balsamina, *Balanites aegyptiaca* and *Leptadenia*
araborea in Rats
Iman H Abdoon, Maowia M mukhtar, OT Ginawi &
Bashier Osman, Khartoum, Sudan.

Saturday 21st February 2015

14:30-16:00 am

Fetal Medicine Lecture Theatre

The Sixth Oral Presentations Session

Chairpersons Prof. Stephen Flint
Dr. Bakri Gobara

14:30-14:45 Periodontal Health Status among Hyperthyroidism Female Patients Attending Radiation and Isotopes Centre, Khartoum, Sudan.
Nuha Mohamed Gaafar & Ibrahim Ahmed Ghandour, Khartoum, Sudan.

14:45-15:00 Dental Caries in 3-14 Years Sudanese Children with Bronchial Asthma
Sara Mohamed Hamid Adam & Fatma Al-Khidir El-Hassan, Khartoum, Sudan.

15:00-15:15 Outcome of a Research Ethics Training Workshop among a group of Sudanese Investigators
Shaza Abass, Shahd Osman & Henry Silverman, Khartoum, Sudan & Maryland, USA.

15:15-15:30 Cigarette Smoking & Porphyromonas gingivalis: A Clinical and Molecular Study among a Group of Chronic Periodontitis Patients in Khartoum, Sudan
Wafaa Mohammed Abdel Wahab Eltazi & Ibrahim Ahmed Ghandour, Khartoum, Sudan.

15:30-15:45 The eruption times and periodontal status of permanent teeth in 5-14 years old diabetic children
Zainab Hashim & Fatma E El-Hassan, Khartoum, Sudan.

15:45-16:00 Oral Health and its relation to Salivary Electrolytes and pH in Miswak and Brush Users
WA Khalil, MY Sukkar & BG Gismalla, Khartoum, Sudan.



Saturday 21st February 2015

14:30-16:00 am

Professor Ahmed Mohamed EL Hassan Lecture Theatre

The Seventh Oral Presentations Session

Chairpersons Prof. Ulrich Sack
Prof. Riadh Gouider

14:30-14:45 Adding amoxicillin-clavulanic acid to standard treatment for eumycetoma in patients with secondary Staphylococcus aureus infection significantly improves the therapeutic outcome of the antifungal treatment with Ketoconazole
Najwa A Mhmoud, Ahmed H Fahal, El Sheikh Mahgoub, Wendy WJ van de Sande, Khartoum, Sudan, Rotterdam, Netherlands.

14:45-15:00 Molecular cytogenetic study of 14q32 translocations in B- Chronic Lymphoproliferative disorders: First Molecular Interphase FISH Cytogenetics in Sudan
Waseem M Nasr, Awad Elkarim A Mahmuod, Maria M Satti & Osman H Musa, Khartoum, Sudan.

15:00-15:15 Frequent carriage of invasive Salmonellae amongst patients infected with Schistosomiasis in Sudan
Mutasim E. Ibrahim, Abdo K. Salem, Naser E. Bilal, Khartoum, Sudan.

15:15-15:30 Distribution of class 1 integrons and their effect on the prevalence of multi-drug resistant Escherichia coli clinical isolates from Sudan
Mutasim E Ibrahim, Naser E Bilal & Mohamed E Hamid. Khartoum, Sudan.

15:30-16:00 Discussion

Saturday 21st February 2015

14:30-16:00 am

Laboratory Faculty Lecture Theatre

The Eighth Oral Presentations Session

Nursing

Chairpersons Dr. Rashida Abdelfattah Mohammed
Dr. Fathia Osman Makki

14:30-14:45 Prevalence and Factors Contributed to Absenteeism among Nursing Students at Faculty of Nursing Sciences University of Khartoum –Sudan, 2011-2013
Faiza Ali Naser Taha, Khartoum, Sudan.

14:45-15:00 Effectiveness of Peer Reproductive Health Education Program on Knowledge, Attitude, and utilization of health Service of High School Adolescent Girls in Eritrea- 2014
Ghidey Ghebreyohans, Eritera.

15:15-15:30 Assessment of Nurses' Performance Regarding Postoperative Wound Care in Khartoum State -2014
Mohammed Hassan Moreljwab Elhag
Ahmed, Khartoum, Sudan.

15:30-15:45 Anxiety and depression in infertile women and its associated factors in two Selected Centers - Khartoum State-Sudan
Masani AAE, Khartoum, Sudan

15:45-16:00 Discussion



Sunday 22nd February 2015

09:00-11:00 am

Professor Mohamed Ahmed Hassan Lecture Theatre

The Seventh Plenary Session

Neglected Tropical Diseases

Chairpersons Prof. Simon Croft

Dr. Nathalie Strub-Wourgaft

09:00-09:30 How community-based research into podoconiosis has fuelled policy change in Ethiopia.
Prof Gail Davey, Brighton & Sussex University, UK & School of Public Health, Addis Ababa, Ethiopia.

09:30-10:00 Podoconiosis – some insights into its pathogenesis
Prof. Melanie Jane Newport, Brighton and Sussex University, UK

10:00-10:30 Synergies in footcare across NTDs in low and middle-income countries
Prof. Gail Davey, Brighton & Sussex University, UK, & School of Public Health, Addis Ababa, Ethiopia.

10:30-11:00 Bartonella infection: An emerging neglected disease in Sudan
A M EL Hassan, Waleed Elamin & Lamyaa EL Hassan
University of Khartoum, & EL Hassan Center for Histopathology, Khartoum, Sudan.

11:00-11:30 Coffee Break

Sunday 22nd February 2015

09:00-11:00 am

Professor Abdel Alaa Abdulla Osman Lecture Theatre

The Eighth Plenary Session

Community Oriented Research

Chairpersons Prof. Mohamed Ahmed Hassan
Prof. Abdel Rahman EL Tom

09:00-09:40 **Professor Satti Memorial Lecture.**

The fight against Onchocerciasis.
Prof. Mamoun Mohamed Ali Homeida, University of
Medical Sciences & Technology, Khartoum, Sudan.

09:40-10:20 The battle against Schistosomiasis in the Gezira
Irrigation Scheme since colonial time
Prof. Mutamad Amin Ahfad University for Women,
Amin, Khartoum, Sudan.

10:20-11:00 Epidemiological Situation of Bilharzia (2000-2014)
With Emphasis on Some Research Outcomes for
Control
Abd EL Aziz Abd EL Rahim M. Ahmed, University of
Khartoum, Khartoum, Sudan.

11:00-11:30 **Coffee Break**



Sunday 22nd February 2015

09:00-11:00 am

Clinical Skills Hall

The Ninth Plenary Session

Chairpersons Prof. EL Zein Karrar
Prof. Mohamed Ahmed Abdullah

09:00-09:30 Chronic Lung Disease in Developing Countries
Prof. W Stuart Warren, Penn State University USA

09:30-10:00 Household Air Pollution
Prof. Alawia Khalifa Suleiman, Penn State University
USA

10:00-10:30 Tuberculosis: basics, burden, impact, challenges, innovations, Integrationa Human Rights based perspective to TB Control & the post-2015 Strategy
Asma I, ElSony & Hanaa A.EISadig, The Epidemiological Laboratory for Research and Public Health, Khartoum, Sudan.

10:30-11:00 Intrapleural fibrinolysis in the treatment of Empyema Thoracis: a systematic review
Ala Eldin H. Ahmed & Tarig E Yacoub, University of Khartoum, Khartoum, Sudan.

11:00-11:30 **Coffee Break**

Sunday 22nd February 2015

09:00-11:00 am

Foetal Medicine Lecture Theatre

The Tenth Plenary Session

Chairpersons Dr. Amal Mudawi
Dr. Nada Sanhour

09:00-09:40 Periodontal manifestations of systemic disease
Prof. Stephen Flint, Dublin Dental University Hospital and Trinity College Dublin

09:40-10:20 Creating a social movement – lessons learnt from the Global Child Dental Health Taskforce project
Prof. Raman Bedi, King's College, London, UK

10:20-11:00 Stem cells in Dental Tissues and Their Regenerative Potential
Dr. Ikhlas Awad Elkarim, Khartoum, Sudan.

11:00-11:30 Coffee Break



Sunday 22nd February 2015

09:00-11:00 am

Professor Ahmed Mohamed EL Hassan Lecture Theatre

The Ninth Oral Presentations session

Chairpersons Prof. Abdalla Elkhawad
Prof. Suad Suleiman

09:00-09:15 In vitro Inhibition of Acetyl cholinestrase by Haplophyllum tuberculatum Extracts
Neda S. Ibrahim, Abdel Gafar E. Said, Yossra A. Mohamed & Hiba A. Ali, Khartoum, Sudan.

09:15-09:30 Quantitative Determination of Variation in Quercetin Content in Three Grewia species by UPLC-DAD
Hussien M. Daffalla, Mujeeb-ur-Rehman, SG Musharrarf, M. Iqbal Choudhary, Mutasim M. Khalfala & Hiba A. Ali, Khartoum, Sudan.

09:30-09:45 Polyphenols Profile and Antioxidant Activity of Fermented and Non Fermented Cassia obtusifolia Leaves Shihabeldin, YS, Khoghali EA & Hiba AA, Khartoum, Sudan.

09:45-10:00 Sero-Epidemiology of Toxoplasma Infection among Sudanese Reproductive-age Women in East Gerzira State
Amal E. El-Hadi, Omran F Osman & Hiba A Ali, Khartoum, Sudan.

10:00-10:15 Phytochemical Profiling of the Antioxidant Extracts of Evolvulus alsinoides Seeds
Maysa A Altayeb, Eltayeb F FadulAlla, Hiba A Ali, Khartoum, Sudan.

10:15-10:30 Polyphenols Profiles of the Antioxidant Agents of the Stem and Leaves Extracts of Salvadora persica.
Hana A Eltieb, Shereen OA Algafar, Elamin E Mohamed, Sakina Yagi & Hiba A Ali, Khartoum, Sudan.

10:30-10:45 Antibacterial screening of Combretum hartmannianum, Acacia seyal and Terminalia Laxiflora wood extracts
Noha Fadle, Abdalbasit Adam Mariod, Alfatih Ahmed Hassan, Khartoum, Sudan.

10:45-11:00 Discussion

11:00-11:30 **Coffee Break**

Sunday 22nd February 2015

11:30-13:30 am

Professor Mohamed Ahmed Hassan Lecture Theatre

12:10-12:50

The Clinician & Research

Prof. Ahmed Hassan Fahal, University of Khartoum,
Khartoum, Sudan

The Fifth Symposium Session

Research & Education

12:50-13:30

Globalization and Medical Education

Prof. Yousif Eltayeb, Dubai Medical College, UAE

Chairpersons

Prof. Suleiman Salih
Prof. Mustafa Idris

13:30-14:30

Lunch Break

11:30-12:10

Telemedicine – Recent advances
Dr. Victor Patterson, United Kingdom



Sunday 22nd February 2015

11:30-13:30 am

Professor Abdel Alaa Abdulla Osman Lecture Theatre

The Sixth Symposium Session

Cancer Pathology

Chairpersons Prof. Anwar Kordofaniani
Dr. Kamal Hamad
Dr. Elshami Elamin

11:30-12:00 Using immunostains to distinguish the look-alike Blue Cell Tumors, their pathogenesis and behavior: Experience of a single center in Khartoum
Prof. Ahmed M EL Hassan, University of Khartoum, Sudan.

12:00-12:30 Pathological Pattern of Atypical Meningioma: Diagnostic Criteria and Tumor Recurrence Predictors
Mohamed AR Arbab, Sawsan A AL deaf, Lamyaa A M El Hassan Beshir M Beshir, Alsadeg F.B. Gassoum and Ahmed M El Hassan.

12:30-13:00 Aspects of Stem cells and Epithelial Mesenchymal Transition in the diagnosis and biological behavior of selected tumors in Sudan
Prof. Ahmed M EL Hassan, University of Khartoum and EL Hassan Center for Histopathology Services.

13:00-13:30 Early detection of cancers
Dr. Elshami Elamin, Central Care Cancer Center, Wichita, Kansas, USA

13:30-14:30 Lunch Break

Sunday 22nd February 2015

11:30-13:30 am

Clinical Skills Hall

Young Researcher Award

Chairpersons Prof. Mustafa Abdeulla Salih
Prof. W. Stuart Warren
Prof. Alawia Suliman
Prof. Raman Bedi

13:30-14:30 **Lunch Break**



Sunday 22nd February 2015

11:30-13:30 am

Foetal Medicine Lecture Theatre

The Tenth Oral Presentations Session

Chairpersons Prof. Omer Zaid Baraka
Prof. Salah Ahmed Ibrahim
Mr. Samir Shaheen

11:30-12:00 An overview of the use of Gum Arabic in health and disease
Amal Mohmoud, Khartoum, Sudan

12:00-12:15 Is comparison of the Prevalence of disease as a health indicator between two populations appropriate?
Amar Hassan Khamis, Maanas Shah, Duabi, UAE

12:15-12:30 Aspects of infectious diseases genetic susceptibility
Hind M. Abushama, Khartoum, Sudan.

12:30-12:45 The Signature of HLA Class II genes in Sudanese Patients with Celiac Disease
Hatim A Mostafa, Mohamed O Gadour, Fathia H Mubarak, Ahmed M Musa, Khartoum, Sudan.

12:45-13:00 Prevalence of Adult Celiac Disease in Sudanese Patients with Dyspepsia
El Tahir MA, Elmahal MG & Mudawi HM, Khartoum, Sudan

13:00-13:15 Surgical anaesthesia for mastectomy with inter pleural block; a prospective observational study
Hadab A Mohamed, Khartoum, Sudan.

Sunday 22nd February 2015

11:30-13:30 am

Professor Ahmed Mohamed EL Hassan Lecture Theatre

The Eleventh Oral Presentations Session

Chairpersons Dr. Abubakr Osman Mohamed Nur
Dr. Malik Suliman Mohamed

11:30-11:45 Screening and Optimization of Binding Solution, Drying Temperature and Drying Time on Physicochemical Performance of Granules and Tablets
Nemat S.M. Adam & Abubakr O.M. Nur, Khartoum, Sudan.

11:45-12:00 Stability of Co-amoxiclav and Ceftriaxone Reconstituted Injectable Solutions
Alharith A.A. Hassan, Abubakr O.M. Nur & Elrasheed A. Gad kareem, Khartoum, Sudan.

12:00-12:15 Stability Studies on Cefquinome sulphate and Niclosamide Using Derivative Spectroscopic and Chromatographic Methods
Shaza Wagiealla Shantier & Elrasheed Ahmed Gadkariem, Khartoum, Sudan.

12:15-12:30 Pharmacokinetics of Artesunae, Dihydroartemisinin and α Dihydroartemisinin glucuronide following Oral Administration of Artesunate in Sudanese Patients with Uncomplicated Falciparum Malaria and Healthy Volunteers
Asma Ahmed, Eltayeb I.B., Baraka O.Z., Reinhold Kerb, & Matthias Schwab, Khartoum, Sudan and Tuebingen.

12:30-13:30 Discussion

13:30-14:30 Lunch Break



Sunday 22nd February 2015

14:30-16:00 am

Professor Mohamed Ahmed Hassan Lecture Theatre

Chairpersons Prof. Ed E Zijlstra
Dr. Nathalie Strub-Wourgaft

**The North-South & Collaborations
The Way Forward & Recommendations**

Prof. Simon Croft
Prof. Melanie Jane Newport
Prof. Sami Khalid



Sunday 22nd February 2015

14:30-16:00 am

Professor Abdel Alaa Abdulla Osman Lecture Theatre

The Twelve Second Free Oral Presentations Session

Chairpersons Prof. Abdel Gadir EL Kadro

Prof. Muntasir EL Tayeb

14:30-14:45 A Quick Qualitative Test for Identifying Human Blood Meal in Fed Female Evaluation of Complement Activation Related Pseudo Allergy (CARPA) among Sudanese visceral leishmaniasis patients treated with high single dose liposomal Amphotericin B (Ambisome®)
AJS Mohamed, EAG Khalil, BM Younis, AA Abuzaid & AM Musa, Khartoum Sudan.

14:45-15:00 Immunochemtherapy of Post Kala Azar Dermal Leishmaniasis: Sudanese Experience
AM Musa, MEE Eltahir, BM Younis, SH Hasab Elgawi, AJ Suliman, AN Morsi, MA Saeed, K Abdelgalil, AM EL-Hassan & EAG Khlalil, Khartoum. Sudan

15:00-15:15 Paromomycin/Sodium Stibogluconate Combinations, safety and possible efficacy for treatment of Post Kala-Azar Dermal Leishmaniasis Case series
BM Younis, HAA Mohammed, MMM Dafalla, AOA Adam, MY Elamin, AM Musa, AM El-Hassan & EAG Khalil, Khartoum, Sudan.

15:15-15:30 The Challenges of managing patients with kala-azar in Sudan
AM Musa, EAG Khalil, BM Younis, MA Abdelraheem , AA Hagelnur, AMY Elkadaru & AM EL-Hassan, Khartoum, Sudan

15:30-15:45 The Pharmacokinetics of single intramuscular dose of Paromomycin sulfate, Sodium stibogluconate and their combination in healthy volunteers
MME Mudawi, EAG Khalil, IB Eltayeb, SAI Shaddad, GO Kokwaro, IM. Githiga & AM Musa, Khartoum, Sudan

15:45-16:00 Discussion



Sunday 22nd February 2015

14:30-16:00 am

Clinical Skills Hall

The Thirteen Oral Presentations Session

Pharmacy

Chairpersons Dr. Tarig Muhammed Hashim El-hadiyah
Dr. Mona Salih Mohammed

14:30-14:45 Impact of Clinical Pharmacist Intervention in Warfarin Therapy among Sudanese Patients in Ahmed Gasim Hospital
Nahid O Eisa, Idris Babiker Eltayeb, Tariq M El-Hadiyah, Yassein M Abdelhai & Bashier Osman, Khartoum, Sudan.

14:45-15:00 Isolation and Characterization of some Antioxidant and Antimicrobial Compounds from *Tarconanthus camphoratus* L.
Wadah Jamal, Ahmed. Bari & Ramzi A. Mothana, Khartoum, Sudan.

15:00-15:15 Isolation and structure elucidation of two diastereoisomeric prenylated flavonoids from *Tephrosia apollinea* root and their Chemotaxonomic Significance
Emmanuel S Raghieb & Sami A Khalid, Khartoum, Sudan.

15:15-15:30 MDR-1 and ABCG2 inhibitor, elacridar, enhances cytotoxic effects of sunitinib on RCC cell lines
Sana Siddig, Hiromi Sato, Miaki Uzu, Rina Suzuki, Sayumi Suzuki, Yuki Nomura & Koichi Ueno Khartoum, Sudan.

15:30-15:45 Phytochemical Screening and Anti-Inflammatory Activity of Some Plants Used In Sudanese Folkloric Medicine
Mona S Mohammed, Hassan Khalid, AK Muddathir & WJA Osman, Khartoum, Sudan.

15:45-16:00 Quality of Life Assessment: A Comparative Study between Haemodialysis and Peritoneal dialysis
Safaa A Abdulla, Bashier Osman & Iman H Abdoon, Khartoum, Sudan.

Sunday 22nd February 2015

14:30-16:00 am

Fetal Medicine Lecture Theatre

The Fourteenth Oral Presentations Session

Chairpersons Prof. Amal Mahmoud saeed
Prof. Ingmar Skoog
Prof. Erich Schumtzhart

14:30-14:45 Social and medical dilemma of treating L-dopa induced dyskinesia in patients suffering from juvenile onset Parkinsonism as a result of mutation of the PINK1 gene.
Sarah Misbah El-sadig, Amar AM Ahmed & Mustafa Abdullah Salih, Khartoum, Sudan

14:45-15:00 The Role of Therapeutic Plasma Exchange in Clinical Neurology
Osheik Seidi, Khartoum, Sudan

15:00-15:15 F-wave Latency: ulnar nerve conduction in normal Sudanese adults
Wafaa Abdel Raouf Hussein, Ammar Eltahir M Ahmed, WA Khalil & Ammar Eltahir, Khartoum, Sudan.

15:15-15:30 Refinement of the clinical phenotype in musk related congenital myasthenia syndrome.
Mustafa Abdullah Salih & Sarah Misbah El-Sadig

15:30-15:45 An Epidemic of Seizures and Psychosis in a Sudanese Village
Osheik Abu'Asha Seidi, EM Abdelmotaal, M El Karsani, I Bushara, S El Tahir, A Al Mahjoub, AA Mohamed & HH Abu Aisha, Khartoum, Sudan.

15:45-16:00 Rare but serious: stroke with migraine; a case report from Sudan
Sarah Misbah & Osheik Seidi, Khartoum, Sudan

16:00-16:15 Musicogenic Epilepsy: Three cases and a review
Osheik Abu'Asha Seidi, Khartoum, Sudan



The Closing Ceremony

The Friendship Hall - The Presidential Salla

22nd February 2015

07:30 pm

Recitation from the Holy Koran

The vote of thanks

**The Professorial Lecture
Scientific Research Awards**

University of Khartoum Vice Chancellor

The University Council Chairperson

Minister of Higher Education

President Republic of Sudan Representative

