



**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



## The Venue

### Pre-Conference Workshops

18<sup>th</sup>-19<sup>th</sup> February 2015

Soba Education, Training & Examination Centre

Soba University Hospital

Faculty of Medical laboratory Sciences

Institute of Endemic Diseases, University of Khartoum

### The Conference

21<sup>st</sup>-22<sup>nd</sup> 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 <sup>st</sup> Feb. 2015																				
22 <sup>nd</sup> Feb. 2015																				



## Pre-workshops

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

18 <sup>th</sup> -19 <sup>th</sup> 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 <sup>th</sup> Feb	Breast cancer management	Dr. Kamal Hamad Dr. EL Shami	Fetal Medicine Unit SUH
18 <sup>th</sup> Feb	Nursing the epilepsy patients	Prof. Oshiek Saedia	Nursing Hall
18 <sup>th</sup> Feb	Oral cancer management	Prof Ahmed Mohammed Suleiman Mr. Khalid Abdel-Galil Dr. Haithium Babiker Dr. Osama Elamin	Prof A. Alaa SETEC
18 <sup>th</sup> Feb	The Diagnosis of primary immuno-deficiencies	Prof. Dr. Michael Kirshfink Prof. Mohamed Ridha	Prof. EL Hassan FMLS
18 <sup>th</sup> Feb	OSCE for Nursing	Dr. Sanaa Abd El Azim Ibrahim	LH2 FMLS
19 <sup>th</sup> Feb	How to write a winning proposal and to raise research funds	Prof. Melani Newport Prof Gail Davey	Mycetoma RC

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

## Special Guest Lecture

19<sup>th</sup> 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, Dhahi, 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 21<sup>st</sup> 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 21<sup>st</sup> 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 21<sup>st</sup> 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 21<sup>st</sup> February 2015

09:00-11:00 am

Foetal Medicine Lecture Theatre

### The Third Plenary Session

#### Oral Health

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

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

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

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

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



## Saturday 21<sup>st</sup> 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 21<sup>st</sup> 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 21<sup>st</sup> 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 21<sup>st</sup> 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 21<sup>st</sup> 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 antiprotazoal otentials.  
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 21<sup>st</sup> 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 21<sup>st</sup> 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 21<sup>st</sup> 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 21<sup>st</sup> 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 21<sup>st</sup> 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, Sawzan 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 21<sup>st</sup> 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 21<sup>st</sup> 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 21<sup>st</sup> 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 21<sup>st</sup> 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 22<sup>nd</sup> 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 22<sup>nd</sup> 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 22<sup>nd</sup> 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.ElSadig, 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 22<sup>nd</sup> 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 22<sup>nd</sup> 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 22<sup>nd</sup> February 2015

11:30-13:30 am

Professor Mohamed Ahmed Hassan Lecture Theatre

### The Fifth Symposium Session

#### Research & Education

**Chairpersons** Prof. Suleiman Salih  
Prof. Mustafa Idris

11:30-12:10 Telemedicine – Recent advances  
Dr. Victor Patterson, United Kingdom

12:10-12:50 The Clinician & Research  
Prof. Ahmed Hassan Fahal, University of Khartoum,  
Khartoum, Sudan

12:50-13:30 Globalization and Medical Education  
Prof. Yousif Eltayeb, Dubai Medical College, UAE

13:30-14:30 Lunch Break



## Sunday 22<sup>nd</sup> 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 22<sup>nd</sup> 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 22<sup>nd</sup> 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 22<sup>nd</sup> 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 Physiochemical 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 Artesunate, Dihydroartemisinin and  $\alpha$  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 22<sup>nd</sup> 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 22<sup>nd</sup> 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** Immunochemotherapy 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 22<sup>nd</sup> 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 22<sup>nd</sup> 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**

**22<sup>nd</sup> 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**

