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\textsuperscript{th} - 19\textsuperscript{th} 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\textsuperscript{st} - 22\textsuperscript{nd} 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).

<table>
<thead>
<tr>
<th>Date</th>
<th>Date</th>
<th>Time</th>
<th>09:00-11:00 am</th>
<th>Coffee Break</th>
<th>11:30-01:00 am</th>
<th>Lunch Break</th>
<th>01:30-03:30 am</th>
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</thead>
<tbody>
<tr>
<td>21st Feb. 2015</td>
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<td>22nd Feb. 2015</td>
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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.

<table>
<thead>
<tr>
<th>Date</th>
<th>Workshop</th>
<th>Facilitator</th>
<th>Venue</th>
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<tbody>
<tr>
<td>18th-19th Feb</td>
<td>The Molecular and Immunological Diagnosis of Infectious Disease</td>
<td>Dr. Sahar Mubarak Bakhiet</td>
<td>IED</td>
</tr>
<tr>
<td>18th-19th Feb</td>
<td>Clinical trials conduct</td>
<td>Dr. Ahmed Mudawi Musa</td>
<td>IED</td>
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<tr>
<td>18th-19th Feb</td>
<td>Basic surgical skills</td>
<td>Prof. AL Doori Mr. Yousif Hussein</td>
<td>Skills Lab TEC</td>
</tr>
<tr>
<td>18th Feb</td>
<td>Herbal products development</td>
<td>Prof. Sami Khalid</td>
<td>ICT Hall SUH</td>
</tr>
<tr>
<td>18th-19th Feb</td>
<td>Professionalism</td>
<td>Prof. Zein Karrar</td>
<td>SETEC</td>
</tr>
<tr>
<td>18th Feb</td>
<td>Breast cancer management</td>
<td>Dr. Kamal Hamad Dr. EL Shami</td>
<td>Fetal Medicine Unit SUH</td>
</tr>
<tr>
<td>18th Feb</td>
<td>Nursing the epilepsy patients</td>
<td>Prof. Oshiek Saedia</td>
<td>Nursing Hall</td>
</tr>
<tr>
<td>18th Feb</td>
<td>Oral cancer management</td>
<td>Prof Ahmed Mohammed Suleiman Mr. Khalid Abdel-Galil Dr. Hailthum Babiker Dr. Osama Elamin</td>
<td>Prof A. Aiaa SETEC</td>
</tr>
<tr>
<td>18th Feb</td>
<td>The Diagnosis of primary immuno-deficiencies</td>
<td>Prof. Dr. Michael Kirshlink Prof. Mohamed Ridha</td>
<td>Prof. EL Hassan FMLS</td>
</tr>
<tr>
<td>18th Feb</td>
<td>OSCE for Nursing</td>
<td>Dr. Sanaa Abd El Azim Ibrahim</td>
<td>LH2 FMLS</td>
</tr>
<tr>
<td>19th Feb</td>
<td>How to write a winning proposal and to raise research funds</td>
<td>Prof. Melani Newport Prof Gail Davey</td>
<td>Mycetoma RC</td>
</tr>
</tbody>
</table>
**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
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, Dubai, 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, OH USA
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 Medicine, 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**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</table>
| 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
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 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 Immunology, 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 Biomedical 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

The Fifth Plenary Session
Health Sciences

Chairpersons
Dr. Kamil Merghani Ali
Dr. EL Rashid Ali

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

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

10:20-11:00 Discussion

11:00-11:30 Coffee Break
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 Innsbruck, Austria.

12:30-13:00
Limb-girdle muscular dystrophy (LGMD): Diagnosis in an Arab country

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 Elzubeir, 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 Soqotra: 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.

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 Mohammed
               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

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

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

13:30-14:30
Lunch Break
<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
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<tbody>
<tr>
<td>11:30-11:50</td>
<td>A Quick Qualitative Test for Identifying Human Blood Meal in Fed Female Mosquitoes Mohamed Elhag Elkhidir, Mohammed Medani Eltayib &amp; El-Amin El-Rayah Mohamed, Khartoum, Sudan.</td>
</tr>
<tr>
<td>11:50-12:10</td>
<td>Toxicity of ambrosia maritima l. leaves aqueous extract and abate aqueous solutions, on culex- species. Alashary Adam Eisa Hamdoon, Khartoum, Sudan.</td>
</tr>
<tr>
<td>12:50-13:10</td>
<td>Smoking behavior among male students in secondary schools in Sudan Ayat Abayzeed Mohammed Mohammed Osman, Khartoum, Sudan.</td>
</tr>
<tr>
<td>13:10-13:30</td>
<td>Discussion</td>
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<tr>
<td>13:30-14:30</td>
<td>Lunch Break</td>
</tr>
</tbody>
</table>
Saturday 21st February 2015
14:30-16:00 am
Professor Mohamed Ahmed Hassan Lecture Theatre

The Fourth Symposium Session
Leishmaniasis Fight

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

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

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.
### 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

<table>
<thead>
<tr>
<th>Time</th>
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</thead>
</table>
| 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
Feotal 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

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

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

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

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
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<tbody>
<tr>
<td>14:30-14:45</td>
<td>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.</td>
</tr>
<tr>
<td>14:45-15:00</td>
<td>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.</td>
</tr>
</tbody>
</table>
| 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\textsuperscript{nd} 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

09:00-10:30

Chronic Lung Disease in Developing Countries
Prof. W Stuart Warren, Penn State University USA

Tuberculosis: basics, burden, impact, challenges, innovations, Integrationa Human Rights based perspective to TB Control & the post-2015 Strategy

10:30-11:00

Household Air Pollution
Prof. Alawia Khalifa Suleiman, Penn State University USA

Intrapleual 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
09:00-11:00

Chairpersons Dr. Amal Mudawi
Dr. Nada Sanhouri

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 cholinesterase by Haplophyllum tuberculatum Extracts

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 Musharraf, 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

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.

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

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\textsuperscript{nd} February 2015**

11:30-12:30 am  
Professor Abdel Alaa Abdulla Osman Lecture Theatre

**The Sixth Symposium Session**

**Cancer Pathology**

**Chairpersons**  
Prof. Anwar Kordofanani  
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  

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.

12:30-13:30  
Early detection of cancers  
Dr. Elshami Elamin, Central Care Cancer Center, Wichita, Kansas, USA

13:00-13:30  
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 interpleural 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 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 Artesunae, Dihydroartemisinin and α Dihydroartemisinin glucuronide following Oral Administration of Artesunate in Sudanese Patients with Uncomplicated Falciparum Malaria and Healthy Volunteers

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 22\textsuperscript{nd} 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  
Immuinochemtherapy 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 Khalil, 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.

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

15:15-15:30 MDR-1 and ABCG2 inhibitor, elacridar, enhances cytotoxic effects of sunitinib on RCC cell lines

15:30-15:45 Phytochemical Screening and Anti-Inflammatory Activity of Some Plants Used In Sudanese Folkloric Medicine

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
Feotal 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

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 Mohammed & 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