

Workshop 1**Technical Training Workshop
WHONET - Software for AMR Surveillance****Venue: Computer Laboratory (4th floor)****Course Facilitators: Dr. Jens Thomsen, Dr. Arun Kumar Jha****TIME****ACTIVITY**

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|---------------------|---|
| 02:00 pm - 02:45 pm | WHONET – Concept & purpose WHONET – Resources WHONET – Download & Installation WHONET – Lab configuration & manual data entry (demo) WHONET – Data analysis 1: %RIS |
| 02:45 pm - 03:30 pm | Cumulative antibiograms (CA): Basics & Pitfalls (PPT) WHONET – How to generate a Cumulative Antibiogram |
| 03:30 pm - 03:45 pm | Coffee & Tea Break |
| 03:45 pm - 04:30 pm | WHONET – Data analysis 2: Scatterplot analysis, resistance profiles, isolates alerts, cluster detection, macros |
| 04:30 pm - 05:20 pm | Introduction to BacLink – Tool for AMR data conversion Extracting a VITEK-2 file (PPT) and converting it to WHONET (DEMO)" |
| 05:20 pm - 05:40 pm | Q & A / Course Evaluation |
| 05:40 pm | END OF DAY 1 |



07:30 am - 08:00 am Registration

08:00 am - 08:10 am Welcome address

Prof. Godfred A. Menezes


TIME


ACTIVITY

SPEAKER

Session 1: Antimicrobial Stewardship; Ventilator associated pneumonia
Moderators: Prof. Godfred A. Menezes, Dr. Riyaz Hussain

08:10 am - 08:30 am Antibacterial stewardship  Dr. Faryal Ali Khamis
The Oman perspective

08:30 am - 08:50 am Maximizing the impact of  Dr. Zahir Babiker
antimicrobial stewardship
in the digital age

08:50 am - 09:10 am VAP (ventilator associated  Dr. Ashraf M. Elhoufi
pneumonia) preventive
strategy

09:10 am - 09:30 am Q & A, Panel discussion

09:30 am - 10:00 am Coffee & Tea Break / Exhibition visit /
Poster viewing / Networking

Opening Ceremony

Moderator: Prof. Abiola Senok

10:00 am - 10:05 am National Anthem

10:05 am - 10:15 am Emirates Society of Clinical **Dr. Jens Thomsen**
Microbiology (ESCM)


10:15 am - 10:25 am Emirates Medical **Dr. Mouza Al Sharhan**
Association (EMA)

10:25 am - 10:30 am Mohammed Bin Rashid **Dr. Laila Alsuwaidi**
University of Medicine and
Health Sciences (MBRU)



10:30 am - 10:35 am Introducing American **Dr. Ahmed Shibl**
Society for Microbiology
(ASM) and its activities

Opening ceremony presentations

Moderator: Prof. Dean Everett

10:35 am - 11:00 am  Dr. Jens Thomsen
AMR surveillance in
UAE: Patterns and trends

Auditorium

11:00 am - 11:30 am Keynote lecture: Is epidemic preparedness the answer? If so, what is the question?  Prof. Martin Antonio 

11:30 am - 11:40 am Q & A, Panel discussion

11:40 am - 12:10 pm Symposium 1 (NON-CME)

Be AWARE about AMR



Dr. Hamdi Snoussi

12:10 pm - 01:10 pm Lunch break / Exhibition visit / Poster viewing / Networking

01:10 pm - 02:10 pm Symposium 2 (NON-CME)

From diagnosis to decision:
Enhancing antimicrobial
stewardship

Moderator: Prof. Abiola Senok



Dr. Ali Omrani 

Dr. Manaf Al Qahtani 

Parallel Session

Lecture Hall 4

Workshop 2

01:10 pm - 02:40 pm Workshop 2: (NON-CME)

Clinical Microbiology reporting- challenges
and solutions

Moderator: Prof. Godfred A. Menezes



Dr. Kavita Diddi
Prof. Sumit Rai 


Dr. Simantini Jog
Dr. Anjan Mukharjee 

Auditorium


Session 2: One Health; Climate change and environmental AMR

Moderators: Dr. Arun Kumar Jha, Prof. Ashfaque Hossain

02:10 pm - 02:30 pm One Health for All  Dr. Elmoubashar Abd Farag 

02:30 pm - 02:50 pm Association between particulate matter (PM2.5) air pollution and clinical antibiotic resistance: A global analysis.  Dr. Zhenchao Zhou


02:50 pm - 03:10 pm The role of microbiology in achieving UN sustainable development goals.  Dr. Rana Nabulsi


03:10 pm - 03:40 pm Keynote lecture: Climate change and AMR: Challenges and opportunities  Dr. Sabiha Essack


03:40 pm - 04:00 pm Q & A, Panel discussion


04:00 pm - 04:20 pm Coffee & Tea Break / Exhibition visit / Poster viewing / Networking


Session 3: Best abstract competition - Oral presentations
Moderator: Prof. Dean Everett, Dr. Farah Al-Marzooq

04:20 pm - 04:35 pm **Oral Presentation:** Comparison of QPCR and metagenomic sequencing methods for quantifying antibiotic resistance genes in wastewater  Ahmed Yousef

04:35 pm - 04:50 pm **Oral Presentation:** Impact of titanium based dental implants on oral microbiome  Priyadharshini Sekar

04:50 pm - 05:05 pm **Oral Presentation:** Enhancing patient care through molecular fungal diagnostics: two clinical cases in the UAE  Akela Ghazawi

05:05 pm - 05:20 pm **Oral Presentation:** Bioactivity of derived RM12 peptide from *Channa striatus* transcriptome  Stefi Raju

05:20 pm - 05:35 pm **Oral Presentation:** A novel approach to combat multi-drug resistance by design and evaluation of novel compounds targeting hyphae formation in *Candida albicans*  Rania Hamdy Hussein

05:35 pm - 05:50 pm **Oral Presentation:** Exploring the prevalence of human papillomavirus (HPV) genotypes in Pap smear samples of women in northern region of United Arab Emirates (UAE): HPV direct flow chip system-based pilot study

 Nazeerullah
Rahamathullah

05:50 pm - 05:55 pm Closing remarks for Day 2

Dr. Anju Nabi

05:55 pm **END OF DAY 2**

Scientific Agenda

DAY 3, Sunday
5 November 2023

Auditorium

07:30 am - 08:00 am Badge activation

08:00 am - 08:10 am Opening comments

Prof. Dean Everett

TIME

ACTIVITY

SPEAKER

Session 4: Healthcare associated infections; Mycobacteria; Advances in diagnostics

Moderators: Dr. Anju Nabi, Dr. Ahmed Shibl

08:10 am - 08:30 am Where are we in HAI surveillance in UAE?

 Dr. Najiba Abdulrazzaq

08:30 am - 08:50 am Tuberculosis in surgical biopsies and the dilemma of definite diagnosis

 Prof. Suhail Al-Salam

08:50 am - 09:10 am Infection control in special units (Dialysis & Endoscopy)

 Dr. Anjan Mukherjee

09:10 am - 09:30 am Artificial intelligence in clinical microbiology



 Dr. Mohammad Yaqub

09:30 am - 09:50 am Q & A, Panel discussion

09:50 am - 10:10 am Coffee & Tea Break / Exhibition visit / Poster viewing / Networking


Session 5: Antimicrobial Resistance, New Antimicrobials

Moderators: Dr. Nihar Dash, Dr. Kavita Diddi

- 10:10 am - 10:30 am Clinical implications of MIC Prof. Sumit Rai 
- 10:30 am - 10:50 pm Novel antibiotics and combinations: do we have new weapons to fight superbugs?  Dr. Farah Al-Marzooq
- 10:50 am - 11:20 am Keynote Lecture: Can we teach old dog's new tricks? The potential roles of beta-lactamase inhibitors Dr. Timothy A. Collyns
- 11:20 am - 11:40 pm Q & A, Panel discussion


Session 6: Respiratory pathogens; Emerging and re-emerging viral infections

Moderators: Dr. Anju Nabi, Prof. Gulfaraz Khan

- 11:40 pm - 12:00 pm Lessons from the COVID-19 pandemic Prof. Basel Al-Ramadi
- 12:00 pm - 12:20 pm Applying genomic surveillance to streptococcus pneumoniae: Lessons from serotype 1 in Africa  Dr. Madikay Senghore
- 12:20 pm - 12:30 pm Q & A, Panel discussion
- 12:30 pm - 1:30 pm Lunch break / Exhibition visit / Poster viewing / Networking

Session 7: Human microbiome




Moderators: Dr. Rania Nassar, Prof. Carole Ayoub Moubareck

- 01:30 pm - 01:50 pm Human microbiome - Clinical implications  Dr. Mahmood Almashadani
- 01:50 pm - 02:10 pm Gene-microbiota interactions in complex diseases  Prof. Saleh Ibrahim

- 02:10 pm - 02:30 pm The association of oral microbiome dysbiosis with oral infections in the UAE population: Does tobacco exposure play a role  Dr. Sausan Al-Kawas
- 02:30 pm - 02:50 pm Microbiome based therapeutic tools  Prof. M. Azzam Kayasseh
- 02:50 pm - 03:10 pm Q & A, Panel discuss
- 03:10 pm - 03:30 pm Coffee & Tea Break / Exhibition visit / Poster viewing / Networking

Session 8: Mycology

Moderators: Dr. Hafiz Ahmad, Dr. Sanjim Chadha

- 03:30 pm - 03:50 pm Antifungal stewardship in the ICUs of UAE  Dr. Nehad N. Al Shirawi
- 03:50 pm - 04:10 pm The fungal pandemic: Where we are in the fight  Dr. Fatima AlDhaheeri
- 04:10 pm - 04:30 pm Invasive fungal infections and interesting cases of rare fungi  Dr. Aqeel Saleem
- 04:30 pm - 04:50 pm Q & A, Panel discussion

Closing Ceremony

- 04:50 pm - 05:10 pm 'Oral' and 'Poster' presentation competition: Winner announcement Prof. Carole Ayoub Moubareck Prof. Godfred A. Menezes
- 05:10 pm - 05:20 pm Closing ceremony ESCM Board & Committee Members
- 05:20 pm END OF THE CONFERENCE