



Annual International Conference Emirates Society of Clinical Microbiology

Advancing Clinical Microbiology:
Innovations, Challenges and Global Health Impact

15 - 17 November 2024

RAK Medical & Health Sciences University, Ras Al-Khaimah, UAE



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Conference Overview

On behalf of the Emirates Society of Clinical Microbiology, it was our great pleasure to organize the 4th Annual International Conference of the Emirates Society of Clinical Microbiology (ESCM) held from 15th to 17th November 2024 at RAK Medical & Health Sciences University in Ras Al Khaimah, UAE.

The conference brought together experts from various clinical and non-clinical disciplines to exchange their latest findings, guidelines, and experiences.

The conference's Scientific Committee had developed a comprehensive program that included keynote lectures, oral and poster sessions, as well as interactive workshops.

This 4th Annual International ESCM Conference provided a valuable platform to connect with fellow ESCM members, colleagues, researchers, technologists, nurses, students and other professionals in microbiology, immunology, infectious diseases, infection control, public health and related fields.

There was an impressive line-up of international and national speakers who shared their knowledge and evidence-based findings aimed at enhancing patient care quality and safety and strengthening the discipline of clinical microbiology in the United Arab Emirates.

We would like to express our sincere appreciation to all participants, sponsors, exhibitors, supporting organizations and committee members who made this conference a success.

Finally, we warmly invite you to join us for next year's edition of the "5th Annual Conference of the Emirates Society of Clinical Microbiology."



Dr. Anju Nabi President



Prof. Godfred A. Menezes Chairperson, Scientific Committee



Dr. Arun Kumar Jha Chairperson, Cultural Committee

About ESCM

The Emirates Society of Clinical Microbiology is dedicated to advancing the practice of clinical microbiology in the UAE. The ESCM fosters communication, promotes scientific knowledge and supports education, research and professional development to enhance care for patients suffering from infectious diseases. The ESCM Society provides a wide variety of services to its members including recent practice guidelines, essential educational resources and helpful links in the member area of the ESCM website. ESCM also offers free or discounted registration for their scientific events and annual conference, along with opportunities to gain continuing medical education (CME) credits.

Additionally, ESCM provides unique opportunities such as research groups and peer review services. We hope that you will recognize the tremendous benefits ESCM offers to its members, including the opportunity to expand your knowledge and skills through education and collaboration with other microbiologists from various Emirates in the UAE and other countries. We invite all clinical microbiologists in the UAE to join and be active members in our society and look forward to seeing you all in our meetings.

The Conference aimed to provide participants the following benefits through this conference:

- Earn 14.5 CME hours by the Dubai Health Authority (DHA).
- Engage with and learn from a distinguished group of international speakers covering a broad range of exciting topics, showcasing the latest research and updates on rapid developments in the field.
- Explore the latest technologies in the field and their practical applications.
- Network, connect, and build meaningful relationships with your peers and colleagues.
- Participate in a range of engaging and informative sessions.





Program Highlights

The Conference welcomed participants from 16 countries with a total of 458 registered attendees. The scientific program offered 7 sessions which had 36 lectures, 4 Industry Symposiums, 3 Industry Workshops and 2 Scientific Workshops covered by 48 esteemed faculty members from various countries who contributed to the 3 days program.

The conference also received invaluable support and collaboration from 12 sponsoring and exhibiting companies as well as endorsement from 4 societies and associations.





Conference Venue

RAK Medical & Health Sciences University (RAKMHSU) hosted the 4th ESCM (Emirates Society for Clinical Microbiology) conference at their campus where the experts, researchers and professionals in the field of clinical microbiology came together to discuss the latest advancements, research and best practices in the field.

By hosting the 4th ESCM Conference, RAKMHSU reinforced its commitment to enhancing medical education, research and healthcare development.



RAK Medical & Health Sciences University (RAKMHSU), Ras Al-Khaimah, UAE

Opening Ceremony

The opening ceremony began with Quran recitation by **Dr. Mohamed Abou Elmagd** from RAKMHSU followed by the UAE National Anthem. **Prof. Godfred A. Menezes,** Chairperson of the Scientific Committee, delivered a warm welcome address to the attendees. Dr. Anju Nabi, ESCM President then introduced the society, emphasizing its key role in fostering collaboration, advancing healthcare education and driving impactful research initiatives.

Dr. Mohamed El-Tanani, the Vice President of RAK College of Pharmacy on behalf of **Prof. Ismail Matalka,** President of RAKMHSU, extend their sincere gratitude for the incredible effort and dedication that went into organizing the ESCM Conference at RAK University. **Sheikha Dr. Nura Khalid Saqer Sultan Al Qassimi,** President of the Emirates Medical Association (EMA), further enriched the event with her speeches, highlighting the importance of collaboration and innovation in medical sciences. The ceremony concluded with a heartfelt felicitation by **Dr. Mouza Al Sharhan,** the former President of the Emirates Medical Association, celebrating the conference's milestones and the dedication of all involved.



Dr. Mohamed Abou Elmagd Sr. Manager Sports RAKMHSU



Prof. Godfred A. Menezes Chairperson, Scientific Committee



Dr. Mohamed El-Tanani Vice President - Research & Post-Graduate Studies and Acting Dean RAK College of Pharmacy



Sheikha Dr. Nura Khalid Saqer Sultan Al Qassimi President Emirates Medical Association (EMA)



Dr. Mouza Al Sharhan

Head of Pathology, Dubai Hospital Dubai Heath Authority Ex-President, Emirates Medical Association – UAE

Advancing Clinical Microbiology:

Innovation, Chollenge:

Innovation

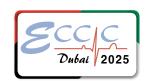
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Conference Dinner Host



Sponsors & Exhibitors



ESCM Board Members



Dr. Anju Nabi President



Prof. Godfred A. Menezes Chairperson, Scientific Committee



Prof. Abiola Senok General Secretary



Dr. Arun Kumar Jha Chairperson, Cultural Committee

ESCM Conference Scientific Committee



Prof. Godfred A. Menezes Chairperson



Prof. Dean Everett Member



Prof. Carole Ayoub Moubareck Member



Dr. Farah Al- Marzooq Member



Prof. Gulfaraz Khan Member

ESCM Conference Organizing Committee



Dr. Arun Kumar Jha Chairperson, Cultural Committee



Dr. Kavita Diddi Member, Organizing & Cultural Committee



Dr. Simantini Jog Member, Organizing & Cultural Committee



Dr. Farah Ibrahim Al-Marzooq Assistant Professor Department of Microbiology & Immunology College of Medicine & Health Sciences Al Ain, UAE



Dr. Hafiz Ahmed
Associate Professor
Department of Medical
Microbiology & Immunology
RAK Medical & Health
Sciences University
Ras al Khaimah, UAE



Dr. Adel Mohamed Yasin Alsisi Consultant Intensivist Chief Medical Officer Chair of Intensive Care Unit Prime Healthcare Group Dubai, UAE



Dr. Abderrazzak Bentaher
Research Director
Director of "Inflammation and Immunity of the
Respiratory Epithelium"
Team at CICLY
Centre d'Innovation en
Cancérologie de Lyon (CICLY)
French National Institute of Health
and Medical Research
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Dr. Raghavendra Bhat Professor Dept of Internal Medicine Chairperson Skills and Simulation Lab Ras Al Khaimah Medical and Health Sciences University Ras al Khaimah, UAE



Dr. Sanjim Chadha Specialist Clinical Microbiology Department of Microbiology Ahalia Hospital Abu Dhabi, UAE



Dr. Pramod Chhabrani Specialist Clinical Microbiologist Department of Medicine Al Kuwait Hospital Emirates Health Services Dubai, UAE



Dr. Lalit Dar
Professor and Head
Department of Microbiology
All India Institute of
Medical Sciences
New Delhi, India



Prof. Angharad Davies Clinical Director for Publishing and Engagement Clinical Professor & Honorary Consultant Medical Microbiologist Royal College of Pathologists Swansea University Medical School Swansea, UK



Dr. Kavita Diddi
Specialist Medical Microbiologist
Chair (Antimicrobial stewardship
committee)
Co-chair (infection prevention)
Department of Microbiology,
Antimicrobial Stewardship and
Infection Prevention
Prime Healthcare Group
UAE



Dr. Wael Elamin
Clinical Lead of Pathology
Mid Essex Hospital Trust
Medical Director
G42 Healthcare environmental
Sciences
Adjunct Professor
Khalifa University
Abu Dhabi, UAE



Prof. Dean Everett
Professor of Infectious Diseases
Department of Public Health
and Epidemiology
College of Medicine and
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Member, Scientific Committee,
ESCM
Abu Dhabi, UAE



Dr. Biji Thomas George Professor and Associate Dean (Clinical Sciences) Department of Surgery RAK College of Medical Sciences, RAK Medical and Health Sciences University Ras al Khaimah, UAE



Dr. K Abdul Ghafur Senior Consultant Department of Infectious Diseases Apollo Hospital Chennai, India



Dr. Oscar Guzman Vice President Department of Medical Affairs T2Biosystems USA



Dr. Lilas Hadji Clinical Microbiology Regional Product Manager bioMérieux Dubai, UAE



Mr. Jason Huang Product Manager Zybio Inc China



Dr. Fouzia Jabeen
Head of Microbiology section
Director of AHS Lab
Associate Professor
Khalifa University
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Dr. Arun Kumar Jha
Specialist Microbiology
NRL-Danat Al Emarat Hospital
(NRL-DAEH)
Chairperson: Infection Prevention
& Control Committee (DAEH)
Program Director: Lab. Teaching
& Training (DAEH) Training,
Adjunct Professor: Khalifa University
Abu Dhabi, UAE



Dr. Simantini Jog Consultant Microbiology (Locum) Fakeeh University Hospital Dubai, UAE



Dr. Prathyusha Kokkayil Additional Professor Department of Microbiology All India Institute of Medical Sciences, Patna Patna, India



Prof. Gulfaraz Khan
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Dr. Mushtaq Khan
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Dr. Ghalia Khoder
Associate Professor of Microbiology
Department of Pharmaceutics
and Pharmaceutical Sciences
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Dr. Alagappan Kumarappan Senior Application Specialist Neoscience Equipments and Chemicals Trading LLC Abu Dhabi, UAE



Prof. Jens Lundgren
Professor of Infectious Diseases
Department of Infectious Diseases,
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Sareena Meera Mathew MSN, RN Senior Infection Prevention and Control Officer Department of Infection Prevention and Control SEHA Tawam Hospital Al Ain, UAE



Dr. Palat Krishna Menon CEO and Founder AstraGene Dubai, UAE



Prof. Carole Ayoub Moubareck
Associate Dean
Professor
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Dr. Walaa Mousa Assistant professor Program director of pharmaceutical sciences College of Pharmacy Al Ain University Al Ain, UAE



Dr. Rania Nassar Assistant Professor of Microbiology and Infectious Diseases College of Medicine Mohammed Bin Rashid University of Medicine and Health Sciences Dubai, UAE



Dr. Seema Oommen Consultant Microbiology HOD Microbiology Deputy Division Chair Laboratory Burjeel Medical City | CoLab Abu Dhabi, UAE



Dr. Meher Rizvi
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Dr. Camilla Rodrigues Consultant Microbiologist Chair IPC Head Dept of Lab Medicine Hinduja Hospital Mumbai. India



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Dr. Aqeel Saleem Consultant Infectious Diseases Internal Medicine Department Tawam/STMC Al Ain, UAE



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Consultant Physician
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Dr. Francis Selvaraj Head/Senior Clinical Scientist Reference Laboratory for Infectious Disease PureLab Abu Dhabi, UAE



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Professor of Microbiology &
Infectious Disease
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Dr. Ahmed Shibl AMI Global Ambassador NTI NYU Abu Dhabi, UAE



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Dr. Stephanie Sian Thomas Consultant Medical Microbiologist Department of Microbiology & Virology Manchester Medical Microbiology Partnership. Manchester University Foundation Trust/ UKHSA Manchester, UK



Dr. Stefan Weber
Director of Medical Operations South
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Accreditation

The 4th Annual International Emirates Society of Clinical Microbiology Conference was accredited with **14.5 CPD** Credit Points from the Dubai Health Authority.



Scientific Program

The ESCM Conference, was held from November 15 to 17, 2024, featured a dynamic program spread at RAK University.

The 1st day (15-November) was covered with a WHONET workshop.

The 2nd & the 3rd Day (16 & 17 November respectively) covered the main scientific program in the University auditorium, complemented with two dedicated workshop rooms and company sponsored symposiums.

WHONET Workshop Topics

Part I: WHONET/BacLink - Software for Surveillance of Antimicrobial Resistance

Part II: WHONET/BacLink- Software for Surveillance of Antimicrobial Resistance

Conference Covered Topics

- Respiratory pathogens and COVID-19
- Lessons from the COVID-19 pandemic
- · Healthcare associated infections
- Emerging and Re-emerging viral infections
- Transplant infectious diseases
- Advances in rapid diagnostics
- One Health for all
- Malaria and other vector borne infections
- Antimicrobial resistance
- Surveillance of Antimicrobial resistance & WHONET

- Antimicrobial stewardship
- Fungal infections
- Surveillance of fungal diseases
- Tuberculosis and Mycobacteria
- Genome sequencing/NGS
- · Human microbiome: Clinical implications
- New antimicrobials
- Artificial Intelligence in Clinical Microbiology
- Dengue

DAY 1, Friday, 15 November 2024

Pre- Conference Workshop		315 : Computer Lab IT Department 2 nd Floor	
TIME		ACTIVITY	
07:30 - 08:30	Registration		
08:30 - 08:45	Welcome Address		
Workshop	Technical Training Workshop WHONET – Software for AMR Surveillance		
	Workshop Facilitator : Dr. Pramod Chhabrani		
TIME	ACTIVITY	PRESENTER	
08:45 - 10:45	Workshop. WHONET/Bo - Software for Surveillar Antimicrobial Resistance (Part one)	nce of	
10:45 – 11:00	Coffee & Tea Break		
11:00 - 12:15	Workshop. WHONET/Bo for Surveillance of Antim (Part two)		
12:15 - 12:30	Q&A, workshop evaluati	ion, closing remarks	
12:30 - 13:30	Lunch & Friday Prayer		
13:30	END OF DAY 1		

DAY 2, Saturday, 16 November 2024

Auditorium Ground Floor

TIME	ACTIVITY	SPEAKER	
07:30 - 08:00	Registration		
Session 1: Infect	ion Control		
Moderators : Dr	. Simantini Jog & Dr. Farah Al-Marzood	q	
08:00 - 08:20	Precision Infection Control:	Dr. Reem Saeed 🛌	
00.00 00.40	A New Era in Preventive Care	Dr. Seema Oommen	
08:20 - 08:40	Laboratory Biosafety risk management	Dr. Seema Commen	
08:40 - 09:00	Blood Culture Contamination	Dr. Adel Mohamed Yasin Alsisi	
	Reduction	··· - · · ·	
09:00 - 09:20	Role of the Microbiology Laboratory in Infection	Dr. Camilla Rodrigues	
	Prevention and Control		
09:20 - 09:30	Panel discussion		
Opening Cerem	ony		
	f. Godfred A. Menezes		
09:30 - 09:35	Quran recitation - Dr. Mohamed Abo	uelmagd	
	(Student affairs - RAKMHSU)		
09:35 - 09:40	National Anthem		
09:40 - 09:45	Welcome Address – Prof. Godfred A. Menezes (Chairperson- Scientific Committee, ESCM)		
09:45 - 09:50	Dr. Anju Nabi- Introducing ESCM		
	(President- ESCM)		
09:50 - 09:55	Prof. Ismail Matalka, FRCPath		
	(President - RAKMHSU)		
09:55 – 10:00	•		
	Al Qassimi (President - Emirates Med Association)	dical	
10:00 - 10:05	Dr. Mouza Al Sharhan (Ex-President	- Emirates	
10.00 10.00	Medical Association): Felicitation		
10:05 - 10:20	Coffee & Tea Break / Exhibition visit	/ Poster viewing / Networking	
10:20 - 10:50	Keynote Lecture	Prof. Jens Lundgren	
	Biomedical discovery and		
	innovation during an epidemic		
	crisis		

DAY 2, Saturday, 16 November 2024

TIME	ACTIVITY	SPEAKER
Session 2: Antin	nicrobial resistance	
Moderators: Pro	of. Jens Lundgren & Dr. Stefan Weber	
10:50 - 11:10	Addressing Antimicrobial Resistance in Human Health: The World Health Organization's Global Research Priorities	Prof. Abiola Senok
11:10 - 11:30	National syndrome data	Prof. Dean Everett
11:30 - 11:50	Carbapenem Resistant Enterobacterales (CRE): An urgent public health threat.	Dr Arun Kumar Jha
11:50 - 12:10 12:10 - 12:20	Antimicrobial Resistance: One Health Approach Panel discussion	Dr. Mushtaq Khan
12:20 - 12:30	Introducing the American Society of Microbiology (ASM) and Applied Microbiology International (AMI)	Dr. Ahmed Shibl 🚾
		Auditorium Ground Floor
12:30 - 13:00	Symposium 1 MED/SINAL & BD	
	Automation and Al in Microbiology	Dr. Wael Elamin 🚾
13:00 - 14:00	Lunch break / Exhibition visit / Poster viewing /	Networking
Parallel Ses	sions 234:	Lecture Hall Rakcoms 5 th Year 1 st Floor
Workshop 1 : Infe	ection Control	
13:50 - 14:35	Implementing A Bundle Approach	Dr. Reem Saeed 🚾
	to Reduce Blood Culture Contamination Rate	Ms. Sareena Meera Mathew
		Auditorium Ground Floor
14:00 - 14:30	Symposium 2 AL FAHIM HEALTHCARE SOLUTIONS L.L.C no. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10	
	MALDI- TOF Mass Spectrometry: Novel Approach for Microbial Identification from Routine to Research	Mr. Jason Huang

DAY 2, Saturday, 16 November 2024

TIME	ACTIVITY	SPEAKER
Parallel Session	ons	Auditorium Ground Floor
	vative health treatment strategies of. Raghavendra Bhat & Dr. Madikay Se	enghore
14:30 - 14:50	Advancing Biofilm Infection Treatments: From Bench to Bedside	Dr. Rania Nassar 🔃
14:50 – 15:10	Innovative Therapies Against Helicobacter pylori: Moving Beyond Antibiotics	Dr. Ghalia Khoder
15:10 - 15:30	The Polymorphonuclear Neutrophil Pathogen eradicator and Inflammation orchestrator	Dr. Abderrazzak Bentaher
15:30 – 15:50	A Novel Machine Learning Algorithm Reveals Multi-Functional Antimicrobial Peptides from the Human Microbiome	Dr. Walaa Mousa 🚾
15:50 - 16:10	The Human Microbiota: Insights into UAE data	Prof. Carole Ayoub Moubareck
16:10 - 16:20	Panel discussion	
	23	4: Lecture Hall Rakcoms 5 th Year 1 st Floor
Workshop 2	MED/SINAL	BD
14:40 - 15:40	BD Workshop on Clinical Microbiology Reporting - Challenges and Solutions (Season 2)	Dr. Kavita Diddi 🛌
Workshop 3	AL FAHIM HEALTHCAR SOLUTIONS (PROVIDED TO THE PROVIDED TO THE	
15:45 - 16:45	Clarity in Every Drop: Advancing Diagnostics with Urinalysis Innovation	Mr. Jason Huang
16:20 - 16:40	Coffee & Tea Break / Exhibition visit /	Networking
16:40 - 17:10	Poster Presentation/Viewing	
17:10	END OF DAY 2	

DAY 3, Sunday, 17 November 2024

	•	
Scientific Agen	da	Auditorium Ground Floor
TIME	ACTIVITY	SPEAKER
07:30 - 08:00	Registration	
Session 4: Virolo	ogy & Public Health	
Moderators: Dr.	Fouzia Jabeen & Prof. Angharad David	es
08:00 - 08:20	Climate change and its Implications for Infectious Disease Epidemiology	Dr. Stephanie Sian Thomas
08:20 - 08:40	Dengue surveillance in the UAE: Strategies,challenges and the Future Directions	Dr. Francis Amirtharaj Selvaraj Dr. Aqeel Saleem
08:40 - 09:00	Respiratory Syncytial Virus: Pathophysiology and prevention	Prof. Gulfaraz Khan
09:00 - 09:20	Mpox Beyond Africa: Understanding the emerging global threat	Dr. Palat Menon
09:20 - 09:30	Molecular Strategies in the Diagnosis of Mpox Virus Infections	
09:30 - 10:00	Keynote Lecture Viral infections in the Intensive Care Unit	Prof. Lalit Dar
10:00 - 10:10	Panel discussion	
10:10 - 10:30	Coffee & Tea Break / Exhibition visit /	Poster viewing / Networking
	logy and Parasitology Sanjim Chadha & Dr. Hafiz Ahmad	
10:30 - 10:50	The Power of Metabolism in Host-Fungus Interaction	Dr. Sameh Soliman
10:50 - 11:10	Diagnosis and management of parasitic infections – recent advances	Dr. Prathyusha Kokkayil 🔤
11:10 - 11:15	Panel Discussion	Auditorium Ground Floor
Workshop 4	BIOMÉRIEUX	
11:15 - 11:45	The Importance of Microbiology Data Management in the Fight Against AMR for Better Patient Outcomes	Dr. Lilas Hadji 🔙
11:45 - 12:15	Quiz Competition: Clinical Microbiolog Prof. Godfred A. Menezes & Dr. Farah (Scientific Committee, ESCM)	

DAY 3, Sunday, 17 November 2024

Parallel Sessions

12:15 - 12:45

Symposium 3



Direct Diagnosis of Blood Stream Infections: Identification of Bacteria, **Fungi and Resistance Markers** Independent of Blood Culture

Auditorium Ground Floor

Dr. Oscar Guzman



234: Lecture Hall Rakcoms 5th Year 1st Floor

Workshop 5: Bioinformatics Microbiology

12:15 - 13:00 Microbial Sequencing - Concepts

and Applications

Harnessing Microbial Insights:

Practical Approaches to Microbiome

Analysis with QIIME2, DADA2,

MetaPhlAn, and Bacterial Genome

Assembly

Dr. Alagappan Kumarappan



Dr. Balamurugan Sadaiappan



12:45 - 13:30

Lunch break / Exhibition visit / Poster viewing / Networking

Session 6: Antimicrobial Stewardship

Moderators: Dr. Ageel Saleem & Prof. Biji Thomas George

13:30 - 13:50	Tackling Antimicrobial Resistance through Antimicrobial Stewardship	Prof. Andrew Seaton
13:50 - 14:10	Lessons learnt from the multicentric study cum programme: Diagnostic and Antimicrobial Stewardship	Dr. Meher Rizvi
	(DASH) to protect antibiotics	
14:10 - 14:30	Overcoming Challenges with difficult Prescribers: A Foot Soldier's Perspective on Antimicrobial Stewardship	Dr. Abdul Ghafur
14:30 - 14:50	Evidence-based best practice in antimicrobial stewardship CPD	Prof. Angharad Davies
14:50 - 15:10	Antimicrobial stewardship	Dr. Kavita Diddi 🔙
15:10 - 15:20	Panel discussion	

DAY 3, Sunday, 17 November 2024

	•	•	
			Auditorium Ground Floor
15:20 - 15:30	Symposium 4	ASTRAGENE Genomics, Proteomics, Therapeutics	
	Validation Protoc Plated Media Folk ISO 15189 Require	owing CAP and	Dr. Palat K. Menon
	ted Oral Presentati of. Dean Everett & F		
15:30 - 15:40	Harnessing Targe	as a Selective	Rania Hamdy
15:40 - 15:50		ne-derived synthetic tides active against nd Gram-positive	Emilia Oueis
15:50 – 16:00	Immunogenetics of acquired infection from lynch syndro	and hospital- ns: Newest insights ome and infections	Ramadhani Chambuso
16:00 - 16:10	post colorectal can Transforming anti prescribing: Imple practice guideline respiratory tract i primary care setti	microbial menting clinical s for upper infections in a	Wilmalyn Rebuyas 🚾
16:10 - 16:20	Coffee & Tea Bred	ak / Exhibition visit / Post	er viewing / Networking
16:20 - 16:25	Cultural Intermiss	ion	
16:25 - 16:35	Winner Announce Moderators: Prof. Closing Ceremony	Carole Ayoub Moubared	tation Competition: ck & Prof. Godfred A. Menezes a Diddi, Dr. Simantini Jog
16:35	End of Day 3 & Co	nference Closing	

Abstract Presentation

A total of **41 poster abstracts** shortlisted to be presented in the conference, which were split into 5 categories:

- Undergraduates
- Post-graduates
- PhDs
- Postdocs
- Professionals

In addition, there were 4 oral abstract presentations.

As decided by the jury, the winners and runner-ups are as follows:





Poster Presentation Awards

Undergraduates Category



1st Prize



Author Name: Hamda Wali

Co-Author Name: Hafiz Ahmad, Manal Munir, Asif Mohammed, Divyashri Ramanathan, Sai Krishna

Title: Revealing the Invisible: Hand Dryer Airborne Microbes



1st Runner-up



Co-Author Name: Umamah Rehman, Aya Al Imami, Sofiya Mujeeb

Title: The Synergistic Potential of Quorum Sensing Inhibitors and Antibiotics in Treating Cystic Fibrosis Pulmonary

Pathogens



2nd Runner-up

Author Name: Afnan Afroz

Co-Author Name: Anuradha Nair, Karthik Nair, Manasvi Udaya Kumar

Title: Can Metformin Ameliorate Bacterial and Fungal Treatment Outcomes in Diabetics?



3rd Runner-up

Author Name: Faisal Aslam Khan

Co-Author Name: Muhammad Afzal Cheema, Feronia Eva, Haya Nabi, Hafiz Ahmad

Title: Prevalence of Different Fimbrial Genes in Uropathogenic E.Coli Strains Isolated From Local Hospitals in Ras

Al Khaimah, UAE

Post-graduates Category



1st Prize



Author Name: Gargee Anand

Co-Author Name: Prathyusha K, Asim Sarfraz, Bhaskar Thakuria, Binod Pati

Title: From Access to Reserve: Central Line Associated Bloodstream Infection and the Who's Aware Antibiotic

Spectrum



1st Runner-up



Author Name: Noora Al-Ali

Co-Author Name: Suhail Al-Salam, Haifa Al Awadhi, Maya, Hassane, Farah Al Marzooq

Title: Optimized Protocol for Characterizing the Mucosa-Associated Microbiome from Formalin-Fixed

Paraffin-Embedded Tissues in Treatment-Naive Pediatric Crohn's Disease Patients



2nd Runner-up



Author Name: Aya Al Ali

Co-Author Name: Walaa Mousa

Title: Population-Specific Microbiome Analysis and Development of a Multispecies Microbial Consortium for

Inflammatory Bowel Disease Management

Poster Presentation Awards

PhD Category



1st Prize



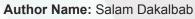
Author Name: Alshaimaa Hamoda

Title: Metabolomics-Based Biomarker Discovery in Rhizopus Early Infection Model: A Non-Invasive Approach To

Enhance Early Diagnosis and Management of Mucormycosis Disease



1st Runner-up



Co-Author Name: Rania Hamdy, Ons Haddad Sameh Soliman, Mohammed Ghaleb

Title: Host-induced Heterogeneity in Candida Auris



2nd Runner-up

Author Name: Imene Khadija Lazreg

Co-Author Name: Fatima Al Dhaheri, Jens Tilman Wilhelm Thomsen, Dean Everett, Ons Haddad, Sameh Soliman,

Jagadeesha Maharudraiah

Title: An epidemiological update of Candida Auris in the UAE with a Report of New Candida Parapsilosis Morphotype

Professionals Category



1st Prize



Author Name: Akela Ghazawi

Co-Author Name: Ashrat Manzoor, Maryam Alazri, Noura Al Nuaimi, Ahmed Al Hammadi, Mushtaq Khan **Title:** Genomic Analysis of Carbapenem-Resistant Klebsiella Pneumoniae in a Relapsed Acute Myelogenous

Leukemia Patient: A Case Report



1st Runner-up



Author Name: Eveline Kaambo

Co-Author Name: Jens Thomsen, Wei Chen, Fouzia Jabeen, Dean Everett, Madikay Senghore

Title: Antimicrobial Resistance Rates Among Who Priority 1 Pathogens Causing Meningitis in the UAE from 2010 T0

2022: Implications for Treatment Strategies in the UAE



2nd Runner-up



Author Name: Akela Ghazawi

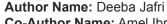
Co-Author Name: Ashrat Manzoor, Maryam Alazri, Noura Al Nuaimi, Ahmed Al Hammadi, Mushtaq Khan **Title:** Comprehensive Genomic Analysis of Vancomycin- And Daptomycin-Resistant Enterococcus Faecium

Bacteremia in a High-Risk Patient

Post-Doc Category



1st Prize



Co-Author Name: Amel Ibrahim Ahmed, Hafiz Ahmad, Maryan Wadie Labib Mousa, Aji Gopakumar, Halima Salem

Ali Al Dhanhani

Title: Adherence to Guideline - Based Peri-Operative Antibiotic Prophylaxis in Cesarean Section: A Retrospective Study in a Tertiary Care Hospital

Oral Presentation Awards

Oral Presentation Awards



1st Prize



Author Name: Rania Hamdy

Title: Harnessing Target Inhibition of Rhizopus Melanin as a Selective Fungal Pathogenesis Control



Runner-up

Author Name: Emilia Oueis

Co-Author Name: Walaa Mousa, Ashif Shaikh, Mohammed Al Dulaimi

Title: Human Microbiome-Derived Synthetic Antimicrobial Peptides Active against Gram-Negative and Gram-Positive Drug Resistant Bacteria

Quiz Competition Awards

Professional Category



1st Prize

Muhammad Ibtisam Nasar



1st Runner-up

Bhavna Mathur



2nd Runner-up

Muna Kayalova



3rd Runner-up

Manal Alzaidan

Postgraduate Category



1st Prize

Gargee Anand



1st Runner-up

Amna Ahmad



2nd Runner-up

Afnan Afroz



3rd Runner-up

Hamad Elnaem

Oral Presentation Awards

Quiz Competition Awards







1st Prize Zara Bacha



2nd Runner-up Gracelin Suresh



1st Runner-up
Naseel Salim



3rd Runner-up Anuradha Nair



Conference Dinner

Sponsored by Al Fahim Healthcare Solutions, the conference dinner took place on the 16th of November 2024, in Jasmine Ballroom 1 and 2, Double Tree by Hilton Resort & Spa Marjan Island, Ras al Khaimah, UAE.

The highlight of the evening was the presentation of tokens of appreciation to the board members, as well as the scientific and organizing committees, in recognition of their contributions to the conference.



Registration Overview

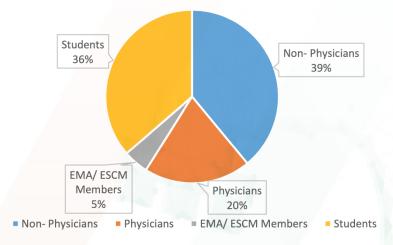
Registration Categories

Delegates	341
Faculty	41
Committee	10
Exhibitor	58
Organizer	8
	458



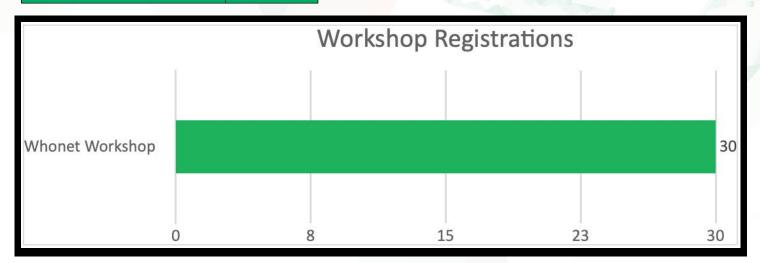
Registration types for Delegates

Delegates Registration	Numbers
Non-Physicians	133
Physicians	68
EMA/ESCM Members	16
Students	124
	341



WHONET Registration

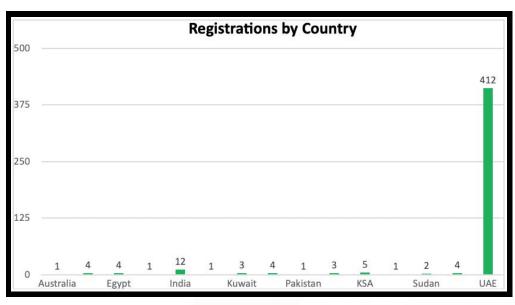
WHONET Workshop



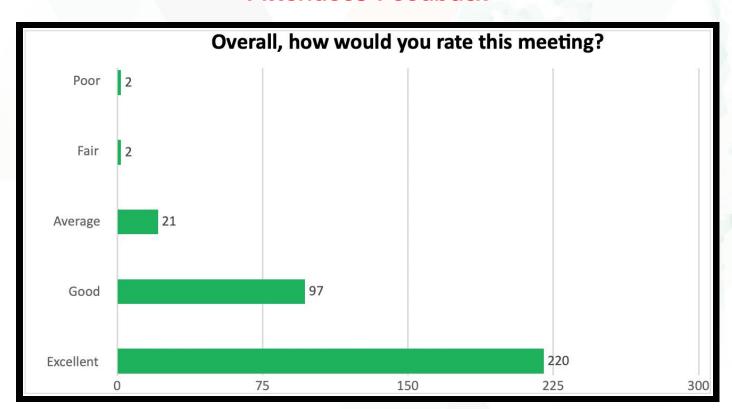
Conference Dinner

Registrations by Country

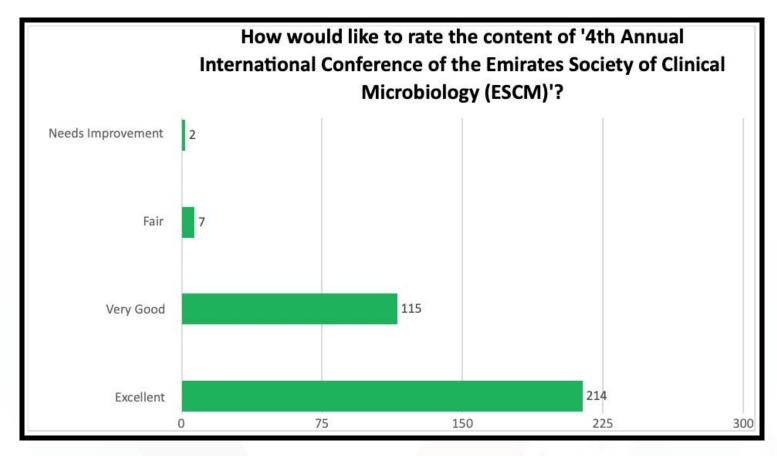
Australia	1
China	4
Egypt	4
France	1
India	12
Ireland	1
Kuwait	3
Oman	4
Pakistan	1
Qatar	3
KSA	5
South Africa	1
Sudan	2
UAE	412
UK	4

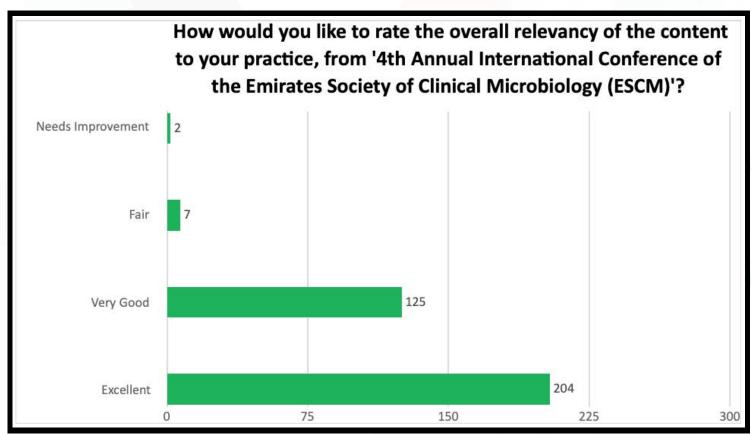


Attendees' Feedback

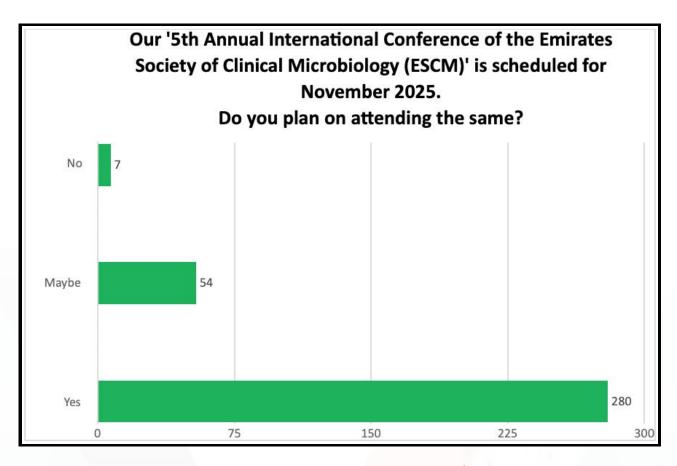


Registration Overview





Conference Dinner



What would you like us to do differently at '5th Annual International Conference of the Emirates Society of Clinical Microbiology (ESCM)'?

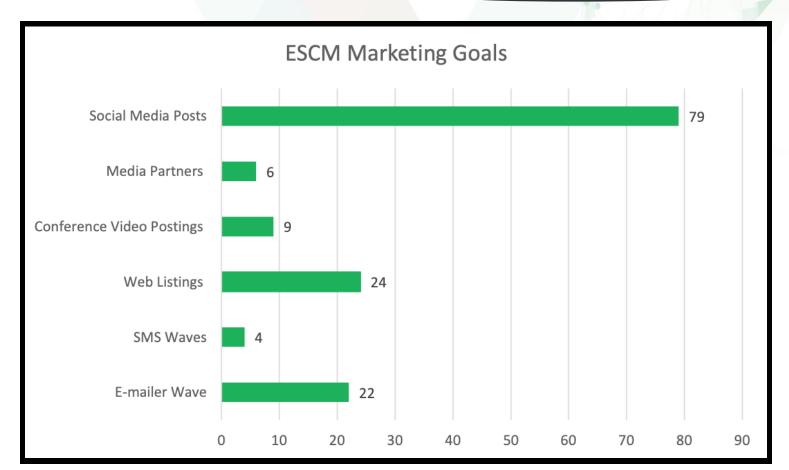
- It was perfect!
- The conference was successful by all means.
- The conference was interesting and engaging.
- Topics were quite informative.
- Well organized in a calm area with good speakers.
- Thanks for the great efforts!
- It was very well arranged and had an excellent line up of speakers. The organizers did a fantastic job.
- Well organized and put together. Couldn't think of better ways to improve it!
- I think the conference event is very successful overall. It was a great experience to attend the prestigious conference.
- Breakout sessions and workshops were equally impressive, offering practical knowledge and the opportunity to delve deeper into specialized topics.
- ESCM was an enriching experience that expanded my knowledge and inspired me to further explore Microbiology.
- The 4th Annual International Conference was perfect!
- Very well organized and fruitful conference. Thank you for the opportunity!

Marketing Report

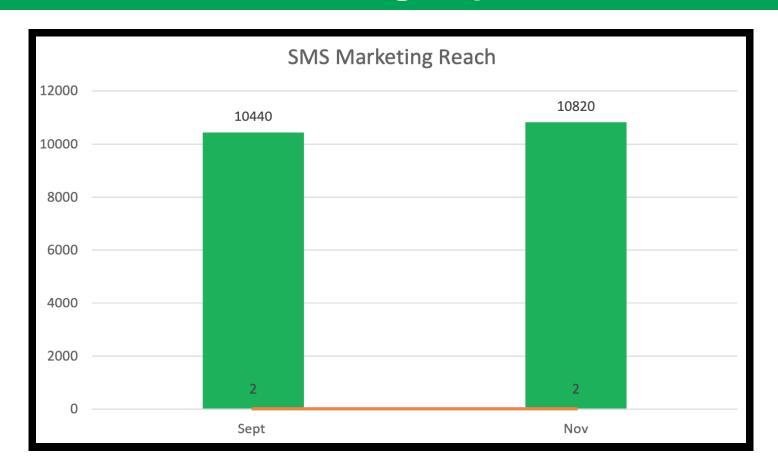
Marketing Goals



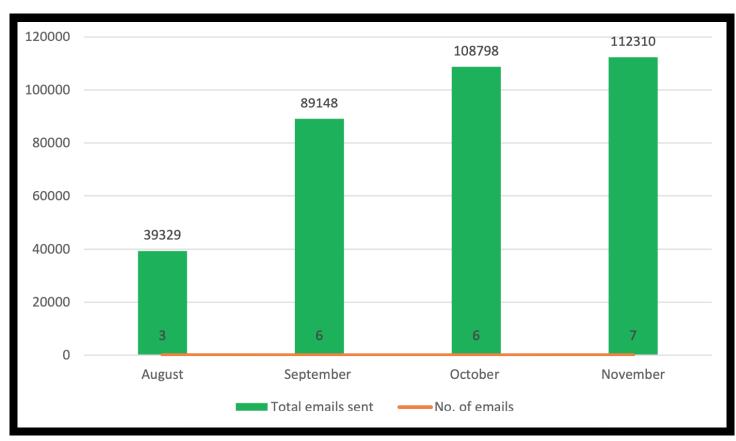




Marketing Report



Email Marketing

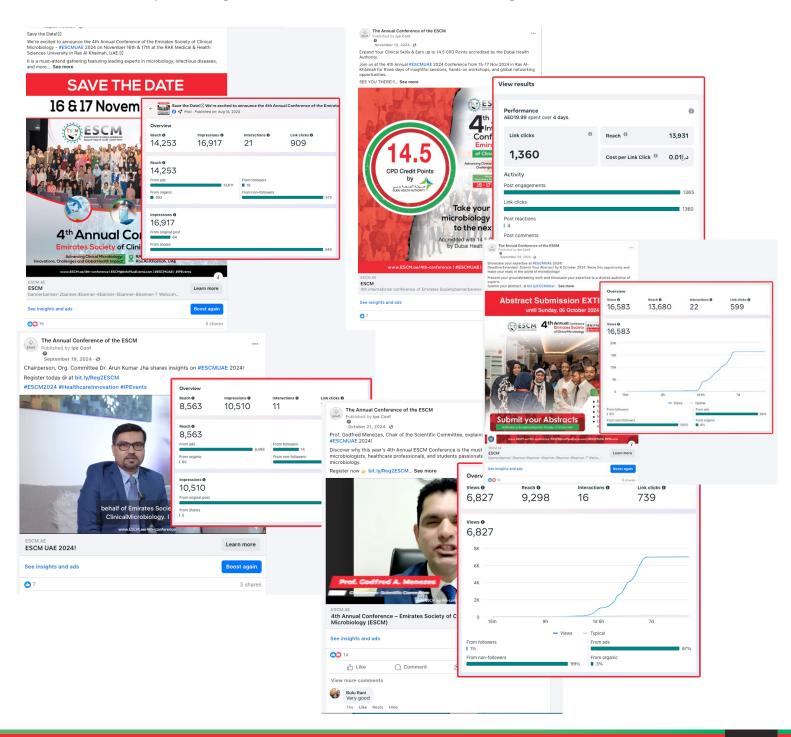


Facebook



Top 5 Facebook posts - 68

Description	Estimated Reach
#ESCMUAE Save the Date!	14,253
CME Announcement	13,931
Showcase your expertise at #ESCMUAE 2024!	13,680
Prof. Godfred Menezes, Chair of the Scientific Committee	9,298
Chairperson, Org. Committee Dr. Arun Kumar Jha shares insights	8,563

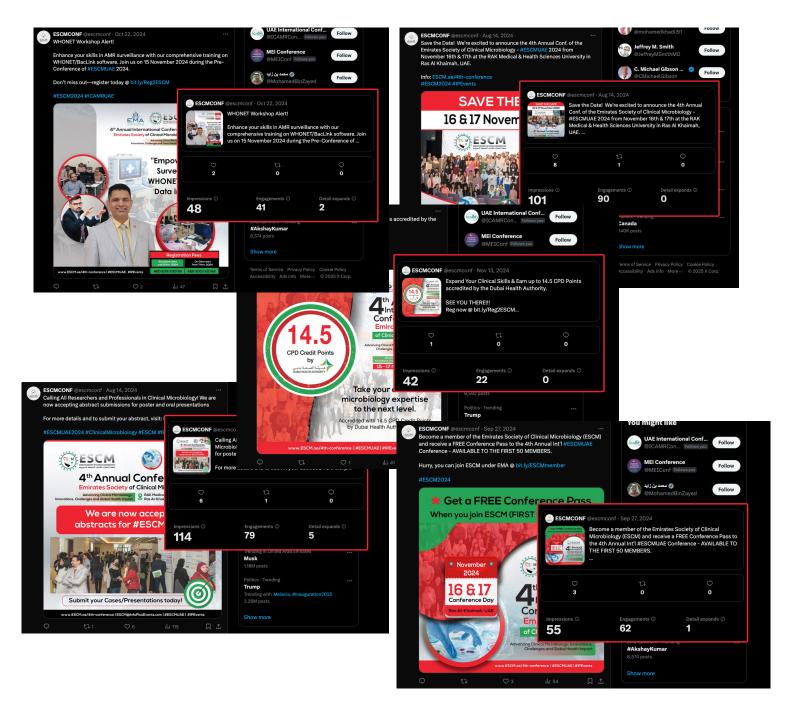


X



Top 5 X posts - 63



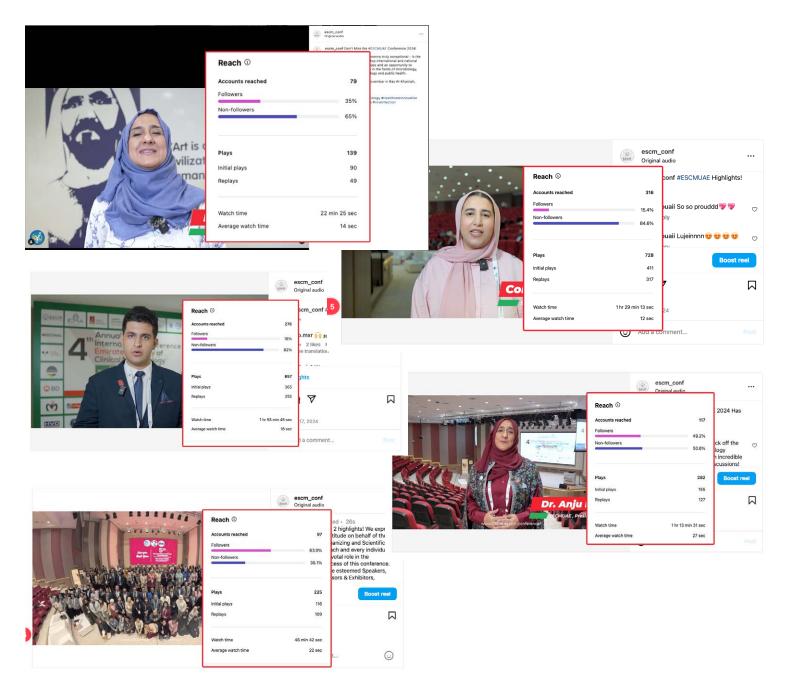


Instagram



Top 5 Instagram posts - 105

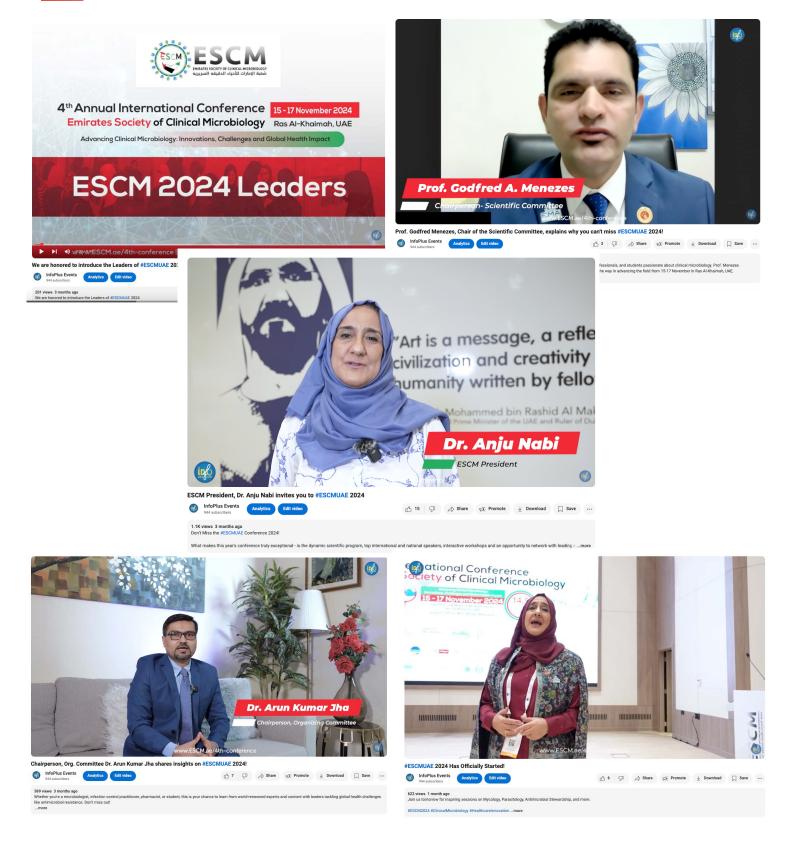
Description	No. of Views
#ESCMUAE 2024 Has Officially Started!	282
Delegate 1	657
Delegate 2	728
Day 2 Highlights	225
Don't Miss the #ESCMUAE Conference 2024!	139



Youtube



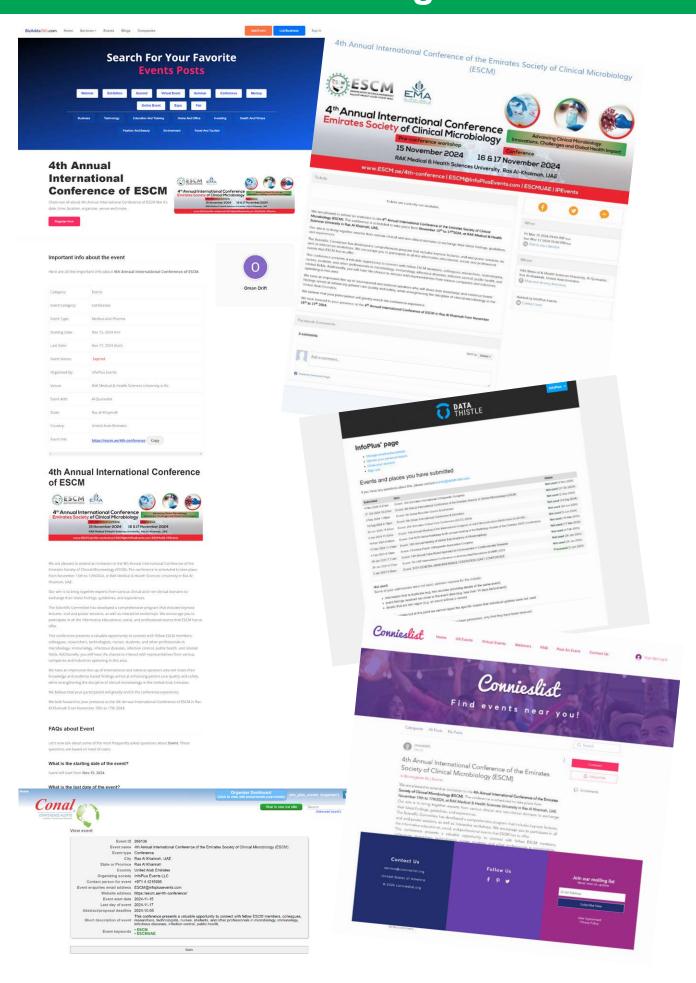
Videos Promoted for ESCMUAE 2024



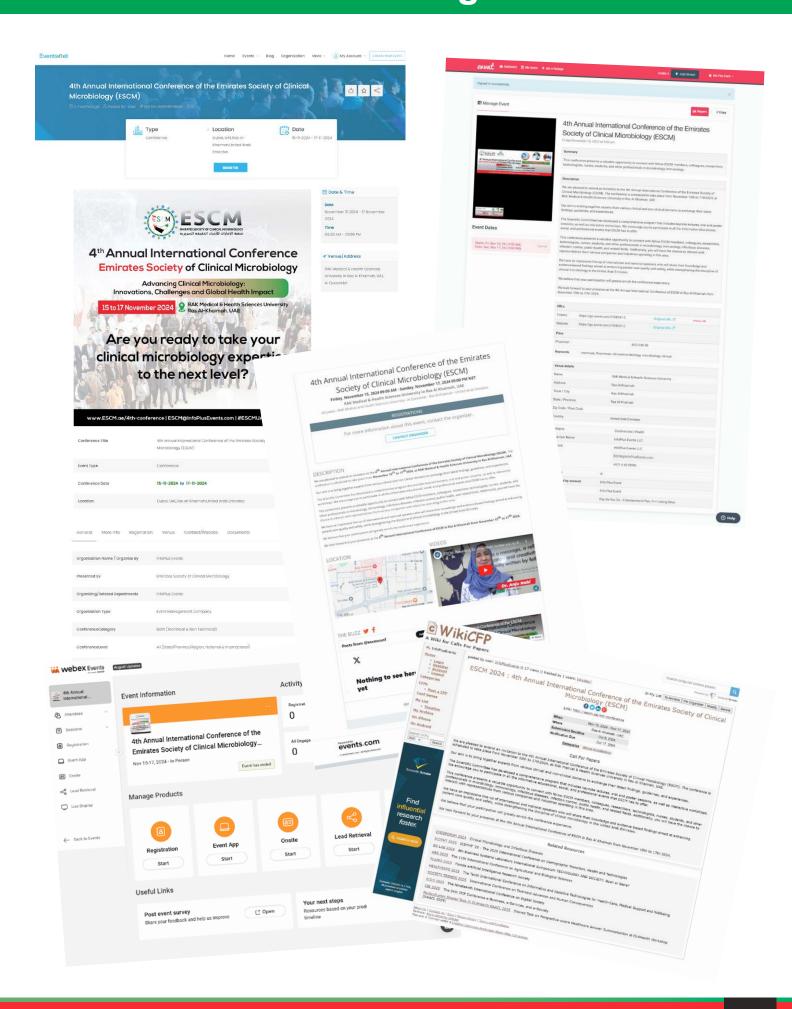
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Weblistings



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Mobile App

APP FEATURES:

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- √ Know your faculty members
- √ Bookmark your sessions
- **√** Connect with fellow attendees
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Follow these steps to download the Event App:

Step 1: Access the App Store on iOS devices or the Play Store on Android and download the App "ESCM"

Step 2: Open the **"ESCM"** App on your mobile device's home screen

Step 3: Find the Current & Upcoming Event from the list "4th Annual InternationalConference of the Emirates Society of Clinical Microbiology (ESCM)". Click "Open" to download the event.

Step 4: Enter your first & last name and the registered email ID to receive an OTP (one time password) on your registered email ID to log in to the Event App.

*Note: Only registered attendees will be able to access the full Event App. If you do not receive the OTP, it means your email ID is not registered to the conference.

If you are registered but with a different email which is not configured on your mobile device, contact InfoPlus Helpdesk onsite to add your alternate email ID. After which attendees can log in again to receive the verification OTP to access the full mobile App.









Event Highlights





See you Next Year

th State

Annual International Conference

Emirates Society of Clinical Microbiology

8 & 9 November 2025

Dubai - United Arab Emirates

www.ESCM.ae | #ESCMUAE | #IPEvents