

A vibrant sunset scene over a beach. The sky is filled with colorful clouds in shades of orange, pink, and purple. In the foreground, several tall palm trees stand on the sand. In the background, a building with a distinctive Art Deco style is illuminated with bright blue neon lights. The overall atmosphere is warm and tropical.

3RD WAIOT

CONGRESS

MIAMI FLORIDA

SEPTEMBER 12th - 13th, 2024



WAIOT

WORLD ASSOCIATION AGAINST INFECTION
IN ORTHOPAEDICS AND TRAUMA

3rd WAIOT CONGRESS

**"Orthopaedic and Trauma Infections:
International Updates on Prevention, Diagnosis and Treatment"**

**September 12 - 13, 2024
Hilton Bentley | Miami, Florida**

waiotcongress.com
www.waiot.world

WWW.WAIOTCONGRESS.COM

WELCOME

Dear Valued Attendees and Sponsors,

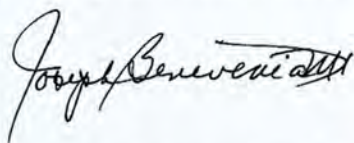
Welcome to the **3rd WAIOT Congress!** We are thrilled to have you with us here in the beautiful city of Miami, Florida. This gathering is a testament to our shared commitment to advancing the field of musculoskeletal, biofilm, and implant-related infections.

As you join us over the next two days, you will have the opportunity to engage with leading experts from around the world. Our program features engaging speakers and thought-provoking poster presentations, all designed to inspire and inform.

We are excited to offer you a platform for collaboration, where innovative ideas and research can flourish. Your participation is crucial in driving forward the discussions that will shape the future of our field.

Beyond the sessions, we hope you take the time to explore the vibrant culture and stunning landscapes of Miami. Whether it's enjoying the local cuisine, visiting iconic landmarks, or simply soaking up the sun, we encourage you to make the most of your time here.

Thank you for being a part of this important event. Your presence enriches our community, and we look forward to the meaningful exchanges and connections that will unfold.



Joseph Benevenia, MD
President



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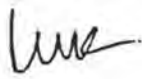
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ABOUT

WAIOT was founded in Vienna (Austria) on May 30th, 2017

The International Society of Orthopaedic Surgery and Traumatology - SICOT - urges international organizations and national authorities to take all necessary measures to improve conditions in the prevention, diagnosis and treatment of orthopaedic infections in their countries. Suggestions for further improvement may include support of national study groups, organization of education, and training courses as well as provision of adequate tools. Health authorities are encouraged to establish specialised centres of excellence whereas SICOT is ready to provide respective proposals or certification whenever deemed to be desirable.



Keith Luk
SICOT President



Ferdinando Da Rin de Lorenzo
*SICOT Infections Subspecialty
Committee Chairman*



Heinz Winkler
EBJIS President

With the following aims:

To **bring together Colleagues** of various disciplines and from all over the world that are interested in MSIS.

To **increase and share the knowledge** on MSIS and to support education and training throughout the world.

To **support the research** on musculoskeletal, biofilm- and implant-related infections.

To **openly cooperate** with existing national and international institutions and societies focused on MSIS, with a special reference to SICOT.

To **raise new awareness** in institutions and all the stakeholders about the social and economical impact of bone and joint infections.

GENERAL INFORMATION



Course Venue

Hilton Bentley
101 Ocean Dr, Miami Beach, FL 33139

Official Language

The official language of the course is English.
No simultaneous interpretation will be provided.

Professional Conference Organizer

EM2 Management and Development Services LLC
Passaic, NJ

Registration Desk Timetable

Thursday, September 12, 2024 – 6:30 am - 2:30 pm
Friday, September 13, 2024 – 6:30 am - 1:00 pm

Coffee Breaks & Lunches

Coffee and lunch breaks are included in the registration fee.

Internet

Free WiFi will be offered in all meeting areas and guest rooms throughout the duration of the event.

Name Badges

Registration badges will be used during the conference. For identification purposes and admission to the session hall, participants are requested to always wear their badges.



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POSTERS

- **Management of Diabetic Foot Ulcer (DFU) using Tibial Transverse Technique (TTT).**
Mofakhkharul Bari, Bangladesh
- **Charcot Arthropathy of Ankle and Foot.**
Mofakhkharul Bari, Bangladesh
- **Infected Gap Non-Union of the Radius and Ulna treated by Ilizarov.**
Mofakhkharul Bari, Bangladesh
- **Chronic Osteomyelitis in Children Treated by Ilizarov.**
Mofakhkharul Bari, Bangladesh
- **Integrated Protocol for Management of Infected Nonunion of the Tibia.**
Mahmoud El-Rosasy, Egypt
- **Can a Simple Fracture Make a Disaster?**
Ahmed Hefeda, Egypt
- **Wound Alpha Defensin and Early Diagnosis of Open Long Bone Fracture Related Infection.**
Prasoon Kumar, India
- **Combined Cuboid-Cuneiform Osteotomy For Correction Of Residual Forefoot Adduction Deformity In Idiopathic Clubfoot.**
Said Mohamed, Egypt
- **Evaluating the Diagnostic Capacity of Rotational Thromboelastometry in Periprosthetic Joint Infections.**
Dimitrios Papadopoulos, Greece
- **A New Antibiofilm Protein Produced by the Antarctic Marine Bacterium Pseudomonas sp. TAE6080, named Cold-Azurin.**
Laura Selam, Italy



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Acknowledgements

We would like to thank our Sponsors for their dedication and for their significant contributions.

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AT THE CENTER OF INFECTION MANAGEMENT

microDTTect



Revolutionizing Infection Diagnosis with an Innovative Solution

In the complex world of medicine, precise diagnosis of infections is crucial to ensure effective patient care. However, we often face significant challenges in detecting pathogenic microorganisms, especially when it comes to complex infections such as those related to fractures. This is where MicroDTTect comes into play, operating in a fully closed-loop system, allowing for the collection, transport, and processing of samples directly from the operating room to the microbiology laboratory, preserving their integrity and preventing any form of contamination throughout the entire process.

What exactly is MicroDTTect and how does it work?

Thanks to its innovative chemical method capable of penetrating bacterial biofilms, MicroDTTect enables accurate identification of microorganisms. This means that we can finally "see" what was previously invisible, opening new avenues in infection diagnosis and treatment in every field. At the heart of MicroDTTect's operation lies the use of dithiothreitol (DTT), a powerful eluent capable of dislodging the biofilm and penetrating inside it without destroying the bacteria. This approach enables precise detection of microorganisms responsible for infections, significantly improving diagnostic efficacy.

What are its strengths?

The benefits of MicroDTTect extend to all phases of the infection management process. Specifically:

Hospital facility: Cost reduction, performance improvement, and broad spectrum usage areas.

Operating room: Simplified closed-loop procedure, prevents cross-contamination, and allows for the analysis of prosthetic and tissue samples.

Microbiology laboratory: Designed to best meet the needs of laboratory operators, reduces technical dependence, has reduced turnaround times, and increases the accuracy of conducted analyses.

Who can use MicroDTTect?

MicroDTTect, with its dynamic design and production in three formats (50, 100, and 150 ml), represents a unique solution for comprehensive infection management in Orthopedics, Neurosurgery, Spinal Surgery, Plastic Surgery, Cardiovascular Surgery, Maxillofacial Surgery, Vascular Surgery, Biopsies, etc. Thanks to its **effectiveness and reliability, it enhances the sensitivity and specificity of biofilm-related infection diagnosis to 98%.**

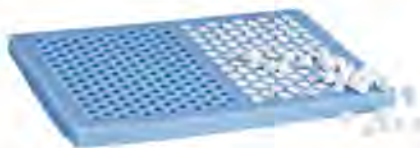
Bibliography:

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For indications, contraindications, warnings and precautions see Instructions for Use. Concurrent use of locally administered antibiotics may affect setting time.

This brochure may include the use of STIMULAN or techniques that go beyond the current clearance/approval granted by the relevant regulatory authority. Please contact your local representative for further information.

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Single - Stage Management of Musculo -
Skeletal Infections: Local Antibacterial
Protection, Antibiotics, and Surgical
Treatments

Guest Editors

Prof. Dr. Guillem Bori, Dr. Carlo L. Romano

Deadline

31 October 2024

mdpi.com/si/199177

Special Issue

Invitation to submit

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THINGS TO DO IN MIAMI NEAR HILTON BENTLEY HOTEL

SPAS:

The Spa at Hilton Bentley: Indulge in luxurious treatments and rejuvenate your senses at the hotel's exclusive spa.

The Standard Spa: Known for its holistic approach, offering a variety of treatments and a beautiful hammam.

Exhale Spa: Offers a range of therapies including massages, facials, and fitness classes.



PLACES TO EAT:

Joe's Stone Crab: A Miami institution famous for its stone crabs and classic seafood dishes.

Zuma Miami: Located in the heart of downtown, Zuma offers contemporary Japanese cuisine in a chic and sophisticated setting.

Prime 112: Known for its upscale steakhouse experience, Prime 112 serves top-quality meats and a vibrant dining atmosphere.

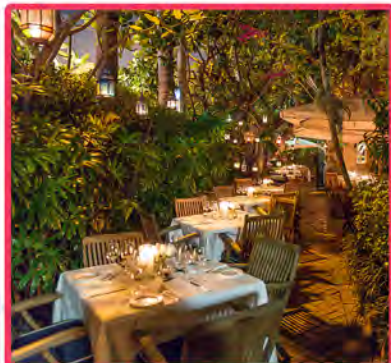
Cipriani Downtown Miami: Offers classic Italian cuisine with a luxurious dining experience and stunning views of the Miami River.

La Mar by Gastón Acurio: Located in the Mandarin Oriental, this restaurant offers a modern take on Peruvian cuisine with beautiful waterfront views.

Komodo: A trendy spot in Brickell known for its Asian-inspired dishes and stylish ambiance.

The Forge: Known for its opulent decor and exquisite menu featuring steaks, seafood, and an extensive wine selection.

Casa Tua: Offers a charming and intimate dining experience with a focus on Northern Italian cuisine, set in a Mediterranean-style villa.



THINGS TO DO IN MIAMI

NEAR HILTON BENTLEY HOTEL

South Pointe Park: Enjoy stunning views of the ocean and Miami skyline. It's a perfect spot for a relaxing walk or a picnic.

Art Deco Historic District: Explore the iconic architecture of Miami Beach with a guided walking tour or a leisurely stroll.

Ocean Drive: Experience the vibrant nightlife, dine at trendy restaurants, or simply enjoy people-watching along this famous strip.

Miami Seaquarium: A short drive away, this marine park offers exciting shows and exhibits featuring dolphins, sea lions, and more.

Vizcaya Museum and Gardens: Discover the beauty of this historic estate with its European-inspired gardens and stunning architecture.

Lincoln Road Mall: Shop, dine, and enjoy entertainment at this lively open-air mall.



THINGS TO DO IN MIAMI NEAR HILTON BENTLEY HOTEL

NIGHTLIFE & SHOWS:

LIV Nightclub: One of Miami's most famous nightclubs, offering a lively atmosphere and top DJs.

The Fillmore Miami Beach: Catch a live concert or comedy show at this historic venue.



EXCURSIONS:

Key West Day Trip: Take a scenic drive or a guided tour to Key West, where you can explore historic sites, enjoy water activities, and soak in the vibrant culture.

Miami Helicopter Tour: Experience breathtaking aerial views of Miami's skyline, beaches, and iconic landmarks with a thrilling helicopter ride.

Jungle Island: Visit this interactive zoological park to see exotic animals, enjoy shows, and participate in animal encounters.

Little Havana Food and Walking Tour: Immerse yourself in the Cuban culture of Miami with a guided tour that includes delicious food tastings and cultural insights.

Miami Duck Tour: Explore the city by land and sea with this unique tour that combines a bus and boat ride for a comprehensive sightseeing experience.

Wynwood Walls Art Tour: Discover the vibrant street art and murals of the Wynwood Arts District with a guided walking tour.

Deep Sea Fishing Charter: Head out into the Atlantic for a day of fishing with experienced guides, targeting species like marlin, sailfish, and mahi-mahi.

Biscayne National Park Snorkeling: Explore the underwater beauty of Biscayne National Park with a snorkeling excursion to see coral reefs and marine life.



WAIOT 4th Congress

World Association against Infection in Orthopaedics and Trauma

September **5** (Fri) - **6** (Sat), 2025

PACIFICO Yokohama, Yokohama, Japan

Yutaka Inaba M.D., Ph.D.

Dept. of Orthopaedic Surgery
Yokohama City University

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