

# OM2019 Scientific Program

## Keynote Speakers

- **Keynote I (Monday opening address):** Dr. Shelly Chadha – WHO – Dr. Chadha oversees prevention of deafness and hearing loss including advocacy for prioritization of hearing care; technical support to countries for development of hearing care strategies and development of tools and guidance; World Hearing Day and the Make Listening Safe initiative. (*Thematic area 5: Impact of OM on Quality of Life and Development; Thematic area 6: Global Burden of Disease/Disadvantaged Populations*)
- **Keynote II (Thursday closing address):** TBD

## Plenary Sessions

Plenary Sessions are opening general sessions at which all meeting registrants are invited to attend. Each Plenary will include a broad overview of a selected topic of interest to clinicians and basic scientists related to otitis media research and treatment. Each session will contain three speakers and time for discussion and questions following each presentation. The Topics and correlative programmatic themes are listed below:

- **Plenary 1:** Vaccines (*Thematic area 8: Vaccines/Immunology*)
- **Plenary 2:** Microbiota and Respiratory Health (*Thematic area 4: Microbiome/Polymicrobial Nature of OM/Microbial Shifts with Use of Antibiotics and/or Broad Licensure and Use of Vaccines; Thematic area 2: Bioinformatics*)
- **Plenary 3:** Biomedical Advances in OM Research (*Thematic area 1: Biomedical Engineering/Biotechnology & New Models; Thematic area 2: Bioinformatics; Thematic area 3: Epigenetics/Genomics/Precision Medicine & Targeted Therapies*)

## Panel Sessions

Panel Sessions are a specific format designed for discussion about a specific topic amongst a selected group of expert panelists who share perspectives, sometimes differing, in front of an audience. An important component of each panel session is audience engagement in the discussions through sharing of opinions and questions with the panelists and audience.

- **Panel 1:** Nursing Panel: Comparing OM management and outcomes in US and Australia/New Zealand (*Thematic area 6: Global Burden of Disease/Disadvantaged Populations*)
- **Panel 2:** Otitis Media Post-PCV (*Thematic area 4: Microbiome/Polymicrobial Nature of OM/Microbial Shifts with Use of Antibiotics and/or Broad Licensure and Use of vaccines; Thematic area 6: Global Burden of Disease/Disadvantaged Populations*)
- **Panel 3:** Clinical Guidelines: Do we need to update? (*Thematic area 6: Global burden of disease/disadvantaged populations*)

- **Panel 4:** Microbiota Research: What we know? Where do we want to go? What is holding us back? (*Thematic area 4: Microbiome/Polymicrobial Nature of OM/Microbial Shifts with Use of Antibiotics and/or Broad Licensure and Use of vaccines*)

### **Workshop**

The workshop will be a ‘bring your lunch’ session to dialogue with Program Officers from the National Institute on Deafness and Other Communication Disorders regarding funding and opportunities through the National Institutes of Health.

- NIH Workshop – Dr. Bracie Watson and Dr. Alberto Rivera-Rentas – Opportunities and Strategies to obtain NIH funding pertaining to OM research

### **Podium Sessions**

Podium Sessions permit the author to orally present and explain the objectives, methods, results and conclusions of his or her research. Each podium session will consist of 3 invited speakers (New and Established Investigators with topic expertise) and 3 trainee presentations that will be competitively selected from submitted abstracts. Each presentation will have an allotted presentation time followed by a time for questions and discussion from the audience.

#### **Basic Science Podium Sessions:**

- **Session 1:** Polymicrobial OM (*Thematic area 4: Microbiome/polymicrobial nature of OM/microbial shifts with antibiotics/broad licensure and use of vaccines*)
- **Session 2:** Vaccines/Immunology (*Thematic area 8: Vaccines/Immunology*)
- **Session 3:** Pathogenesis I (*Thematic area 7: Pathogenesis*)
- **Session 4:** Pathogenesis II (*Thematic area 7: Pathogenesis*)
- **Session 5:** Genetics/Bioinformatics (*Thematic area 3: Epigenetics/Genomics/Precision Medicine & Targeted Therapies; Thematic area 2: Bioinformatics*)

#### **Clinical Science Podium Sessions:**

- **Session 1:** Acute OM (*Thematic area 5: Impact of OM on quality of life and development; Thematic area 6: Global burden of disease/disadvantaged populations*)
- **Session 2:** CSOM (*Thematic area 5: Impact of OM on quality of life and development; Thematic area 6: Global burden of disease/disadvantaged populations*)
- **Session 3:** OM hearing and auditory function (*Thematic area 5: Impact of OM on Quality of Life and Development*)
- **Session 4:** Novel Treatments (*Thematic area 3: Epigenetics/Genomics/Precision Medicine & Targeted Therapies; Thematic area 1: Biomedical Engineering/Biotechnology & New Models*)
- **Session 5:** Diagnosis (*Thematic area 5: Impact of OM on quality of life and development; Thematic area 6: Global burden of disease/disadvantaged populations*)

### **Research Conference Report Session:**

All meeting registrants are invited to attend a special presentation of research reports generated from research panel meetings that represent the 8 thematic areas of research.

Each panel assessed past progress, current state and future directions for each research topic. Research topics include: 1) Biomedical Engineering/Biotechnology/New models; 2) Bioinformatics; 3) Epigenetics/Genomics/Precision Medicine & Targeted Therapies; 4) Microbiome/Polymicrobial nature of OM/Microbial shifts with antibiotics/broad licensure and use of vaccines; 5) Impact of OM on quality of life and development; 6) Global burden of disease/disadvantaged populations; 7) Pathogenesis; and 8) Vaccines/Immunology

### **Poster Session**

The program will include an afternoon poster session to showcase trainee and investigator work. The first hour will include a round of 'lightning' talks from selected posters followed by judged poster presentations of displayed posters.