Music, Science & Medicine: Frontiers in Biomedical Research & Clinical Applications
PRELIMINARY AGENDA (invited speakers)
www.nyas.org/musicscience

SESSION I: WHEN SCIENCE RESEARCH MEETS CLINICAL MUSIC: A NEW TRANSLATIONAL MEDICINE

Brief Introduction: Questions Needing Answers
Dorita S. Berger, MA MT-BC, LCAT, The Music Therapy Clinic, Connecticut

1. Rhythms in the Brain
   Gyorgy Buzsáki, MD, PhD, FAAS, Rutgers University

2. Rhythm Creating Movement
   Aniruddh Patel, PhD, The Neurosciences Institute, San Diego

3. Healing Mozart? The Science of Music in Medicine
   Claudius Conrad, MD, PhD, Harvard Medical School, Massachusetts General Hospital, Boston

SESSION II: CHILDREN IN TREATMENT: AUTISM, LANGUAGE, STRESS

Autism
4. Stress in Autism
   Matthew S. Goodwin, PhD, Massachusetts Institute of Technology

5. Music Processing and Autism Characteristics
   Maria Leticia Alberti, MT-BMT, Music Therapy Department for Children and Adolescents; FLENI Neuro–rehabilitation Hospital, Buenos Aires

Auditory Processes
6. Auditory Processes
   Nina Kraus, PhD, Northwestern University

7. Fast ForWord for Language Development
   Paula Tallal, PhD, Rutgers University

COFFEE BREAK

SESSION III: ADULTS IN TREATMENT: PAIN, COMA, PARKINSON’S, and DEMENTIA

Pain Management
8. Pain Research
   Gerald F. Gebhart, PhD, University of Pittsburgh

9. Music Therapy for Pain
   Joanne V. Loewy DA, MT-BC, LCAT, The Louis Armstrong Center for Music & Medicine at Beth Israel Medical Center, New York
Motor function and Parkinson’s
10. Parkinson’s and Movement
   Jay Alberts, PhD, Lerner Research Institute, Cleveland

11. Music Therapy for Stroke and Parkinson’s
   Michael Thaut, PhD, RMT, Colorado State University

LUNCH

CONCURRENT WORKSHOPS (OPTIONAL)

SESSION IV: ADULTS IN TREATMENT: PAIN, COMA, PARKINSON’S, DEMENTIA (CONTINUED)

Dementia
12. Research in dementia.
   Mark Gluck, PhD, Rutgers

13. Music Therapy and Dementia
   David Aldridge, PhD, MT, University Witten Herdecke, Witten, Germany

Coma
14. Coma and Arousal
   Nicholas D. Schiff, MD, Weill Medical College of Cornell University

15. Music Therapy, Coma, Vegetative Stress
   Camilla Pfeiffer, MT-BMT, FLENI Neuro-rehabilitation Hospital, Buenos Aires, Argentina

COFFEE BREAK

KEYNOTE ADDRESS: Emotions and Music
   16. Klaus Scherer, PhD, University of Geneva, Switzerland

CLOSING REMARKS

RECEPTION AND POSTER SESSION, VIDEO DISPLAYS