DRAFT AGENDA 8-7-2020

QUANTITATIVE EVALUATION OF MYOFASCIAL TISSUES: POTENTIAL IMPACT FOR MUSCULOSKELETAL PAIN RESEARCH

September 16-17, 2020
An NIH HEAL Initiative Virtual Workshop
Co-organizers: NCCIH, NIBIB
NIH Partners: NIAMS, NICHD/NCMRR, NIDCR, NINDS

Day 1: September 16, 2020

8:45 a.m. Welcome and NIH HEAL overview: Rebecca Baker (NIH HEAL Director)

9:00 a.m. Opening remarks: Helene Langevin (NCCIH Director)

Historical overview of myofascial pain syndrome and hypotheses

9:25 a.m. Session 1: State of science of myofascial pain syndrome (MPS): clinical presentation, pathophysiological hypotheses, and challenges
Chair- Michael Oshinsky (NINDS)
Co-chair- Leslie Derr (NIAMS)

• Carla Stecco (University of Padova)
• Jay Shah (NIH/CC)
• John Srbely (University of Guelph)
• David Lesondak (University of Pittsburgh)
• Mary Barbe (Temple University)

10:30 a.m. BREAK

10:45 a.m. PANEL DISCUSSION
Julie Fritz (The University of Utah)
Lynn Gerber (George Mason University)
Kendi Hensel (Texas College of Osteopathic Medicine)
Eric Jacobson (Harvard Medical School)
Jan Mundo (Mundo Lifework)
Niki Munk (Indiana University)
Heather Tick (University of Washington)

Noon VIRTUAL LUNCH
1:00 p.m.  **Session 2: Current structural imaging approaches with potential application to MPS**
Chair- Guoying Liu (NIBIB)
Co-chair- Merav Sabri (NCCIH)
- Garry Gold (Stanford Schools of Engineering and Medicine)
- Bruce Damon (Vanderbilt University)
- Sandip Biswal (Stanford University)
- Siddhartha Sikdar (George Mason University)

1:55 p.m.  **PANEL DISCUSSION**
Christine Chung (University of California San Diego)
Bharti Khurana (Harvard Medical School)
Levon Nazarian (Thomas Jefferson University)
Antonio Stecco (NYU Langone Health)

2:50 p.m.  **BREAK**

3:05 p.m.  **Session 3: Elastography imaging approaches with potential application to MPS**
Chair- Helene Langevin (NCCIH)
Co-chair- Merav Sabri (NCCIH)
- Kevin Parker (University of Rochester)
- Helene Langevin (NCCIH)
- Richard Ehman (Mayo Clinic College of Medicine and Science)

3:45 p.m.  **PANEL DISCUSSION**
Shigao Chen (Mayo Clinic Rochester)
Dieter Klatt (University of Illinois Chicago)
Neil Roberts (University of Edinburgh)
Sergio Sanabria (Stanford University School of Medicine)
Siddhartha Sikdar (George Mason University)
Robert Vining (Palmer College of Chiropractic)

4:40 p.m.  **WRAP UP**

5:00 p.m.  **ADJOURN**

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**Day 2: September 17, 2020**

8:45 a.m.  **Welcome Back: TBD**

9:00 a.m.  **Session 4: Emerging promising technologies for MPS: electrophysiology, MRI, PET**
Chair- Alex Tuttle (NINDS)
Co-chair- Chuck Washabaugh (NIAMS)
- Abhijit J. Chaudhari (University of California Davis)
• Espen Spangenburg (East Carolina University)
• Seward Rutkove (Beth Israel Deaconess Medical Center, Harvard)
• Els Fieremans (NYU Langone Health)

9:55 a.m.  **PANEL DISCUSSION**

Vania Apkarian (Northwestern University)
Mark Does (Vanderbilt University)
Samuel Ward (University of California San Diego)

10:50 a.m.  **BREAK**

11:05 a.m.  **Session 5: Emerging promising technologies for MPS: tissue engineering, AI, modeling**

Chair- Yolanda Vallejo (NIDCR)
Co-chair- Theresa Cruz (NICHD/NCMRR)
• Jeffrey Lotz (University of California San Francisco)
• Sharmila Majumdar (University of California San Francisco)
• Silvia Blemker (University of Virginia)
• Hai Yao (Clemson, Medical University of South Carolina)

Noon  **PANEL DISCUSSION**

Lucia Cevidanes (University of Michigan)
Lealem Mulugeta (InSilico Labs, LLC and Medalist Performance)
Thomas Myers (University of Rochester)

12:55 p.m.  **VIRTUAL LUNCH**

1:55 p.m.  **Session 6: General discussion**

Chair- Wen Chen (NCCIH)
Co-chair- Dena Fischer (NIDCR)

**PANELISTS**

Allan Basbaum (University of California San Francisco)
Christine Chung (University of California San Diego)
Bill Maixner (Duke University)
Kathleen Sluka (University of Iowa)
Daniel Sodickson (NYU Langone Health)

2:55 p.m.  **Summary and concluding remarks: Helene Langevin (NCCIH Director)**

3:25 p.m.  **ADJOURN**

**MEETING HASHTAG – #nihHEALinitiative**