

**Thinking the Future:
A Workshop for Young/Early Career ME/CFS Investigators**

April 3, 2019

[FAES classrooms 3 and 4](#), Clinical Center, NIH Campus, Bethesda, MD

8:30 am	Introductions and Welcome – Andrew Breeden, PhD, NIH/NINDS and Vicky Whittemore, PhD, NIH/NINDS
8:45 - 9:30 am	Building Your ME/CFS Research Career Jarred Younger, PhD, University of Alabama, Birmingham
9:30 – 10:00 am	Overview of Grant Writing and Review for Young/Early Career Investigators Vicky Whittemore, PhD – NIH/NINDS Jana Drgonova, PhD – NIH/CSR
10:00 – 10:15 am	Break
10:15 – 11:00 am	Networking Roundtables – Individuals will rotate every 15/20 minutes to different tables to network about: <ol style="list-style-type: none">1. Submitting a grant application to NIH – Joe Breen, PhD, Vicky Whittemore, PhD2. Grant review information – Jana Drgonova, PhD3. Careers at NIH – Brian Walitt, MD4. Careers in Non-Profit Organizations – Sadie Whitaker, PhD, Jaime Seltzer, Linda Tannenbaum5. Career advice from established ME/CFS investigators – Jarred Younger, PhD, James Baraniuk, MD, Armin Alaedini, PhD6. Setting up the next step in your career (moving on to graduate school/post-doctoral or clinical fellowship/faculty position/other) – Malav Trivedi, PhD and Dana March, PhD
11:00 am – 11:45 pm	Panel of Non- Profit Research Funders <ul style="list-style-type: none">• Jaime Seltzer – MEAction• Daniel Vipond, PhD – Invest in ME Research• Linda Tannenbaum – Open Medicine Foundation• Sadie Whitaker, PhD – Solve ME/CFS Initiative• Lily Chu, MD, MS – International Association for Chronic Fatigue Syndrome/ Myalgic Encephalomyelitis
11:45 am – 12:45 pm	Lunch
12:45 – 4:20 pm	Short Research Presentations by Young/Early Career Investigator Participants Moderated by Malav Trivedi, PhD, Nova Southeastern University and Dana March, PhD, Columbia University

12:45 – 1:05 pm	<i>Using hours of upright activity to screen for the impact of orthostatic intolerance in ME/CFS</i> Jihyun Lee, M.S., Bateman Horne Center
1:05 – 1:25 pm	<i>Plasma metabolomics in ME/CFS</i> Arnaud Germain, PhD, Cornell University
1:25 – 1:45 pm	<i>Involvement of mast cells and microglia in myalgic encephalomyelitis/chronic fatigue syndrome and beneficial effect of flavonoids</i> Eirini Tsilioni, PhD, Tufts University School of Medicine
1:45 – 2:05 pm	<i>Brain metabolite abnormalities in chronic fatigue syndrome</i> Christina Mueller, University of Alabama at Birmingham
2:05 – 2:25 pm	<i>Metabolic analysis of resting and stimulated immune cells in myalgic encephalomyelitis/chronic fatigue syndrome</i> Alexandra Mandarano, Cornell University
2:25 – 2:45 pm	<i>A comprehensive longitudinal analysis of ME/CFS patients enrolled in the Ampligen® (Rintatolimod) 511 open label trial from 2011-2019 at Sierra Internal Medicine</i> Gunnar Gottschalk, Rush University
2:45 – 3:00 pm	Break
3:00 – 3:20 pm	<i>Whole genome sequencing and analysis of ME/CFS</i> Camille Birch, PhD, Hudson Alpha Institute
3:20 – 3:40 pm	<i>Herpes virus infection associated with disease severity in myalgic encephalomyelitis/chronic fatigue syndrome (ME/CFS) patients</i> Tullia Lieb, Stanford University
3:40 – 4:00 pm	<i>Cytokine profiling of plasma extracellular vesicles in individuals with myalgic encephalomyelitis/chronic fatigue syndrome</i> Ludovic Giloteaux, PhD, Cornell University
4:00 – 4:20 pm	<i>The metabolome of severely affected myalgic encephalomyelitis/chronic fatigue syndrome (ME/CFS) patients</i> Daniel Vipond, PhD, Quadram Institute Bioscience
4:20 – 4:45 pm	Thinking the Future: Young/Early Career Investigator Network – discussion of ways the young investigators can network, collaborate across labs, countries and continents Moderator: Daniel Vipond, PhD together with Andrew Breeden, PhD and Vicky Whittemore, PhD

4:45 pm

Adjourn