



5th Patricia Levy Zusman International Workshop on Neuroregeneration

HOUSTON
Methodist
LEADING MEDICINE

Houston Methodist Research Institute
Department of Neurosurgery
Center for Neuroregeneration



Organizing Committee: Phil Horner, PhD; Karim Fouad, PhD; Erica Dale, PhD; Gillian Hamilton, PhD; Julio Mejia; Debbie Vu; Catherin Martin, PT, NCS

Tuesday March 4, 2025 (Day 0)

**** Please note:** all timings provided are in CST (US Central Standard Time Zone)

- 4:00pm-5:30pm **Registration and Dinner** (*limited seating, invited guests only*)
- 5:30pm-5:45pm **Welcome Remarks**
Philip Horner, PhD, Director, Center for Neuroregeneration, Houston Methodist
Karim Fouad, PhD, Professor, Rehabilitative Medicine, University of Alberta
- 5:45pm-6:15pm **Ice Breaker** (a discussion on career by chance led by a mix of junior and senior scientists)
- 6:15pm-6:35pm **2023 Workshop Mini-Grant Winner**, Will Cafferty, PhD & Matthew Hogan, PhD
- 6:35pm-7:20pm **Poster Blitz Presentations for Trainees**, Moderator: Erica Dale, PhD
- 7:20pm-8:20pm **Keynote Presentation: Different Treatments for Different Lesions**
Moderator: Karim Fouad, PhD, University of Alberta
Speakers: Jan Schwab, PhD, Ohio State University
Kristine Cowley, PhD, University of Manitoba

Wednesday March 5, 2025 (Day 1)

****Please note:** all timings provided are in CST (US Central Standard Time Zone)

- 8:00am-8:30am **Registration and Set-up**
- 8:30am-8:45am **Welcome Comments**
Philip Horner, PhD, Director, Center for Neuroregeneration, Houston Methodist
Karim Fouad, PhD, Professor, Rehabilitative Medicine, University of Alberta
- 8:45am-9:00am **Introduction to Gallery Wall and Facilitation Techniques**, Karina Branson, Conversketch
- 9:00am-11:00am **Session 1: Combining Bridging with Cell Replacement**
Moderator: Philip Horner, PhD, Houston Methodist
Speakers: Stephanie Seidlits, PhD, University of Texas at Austin
Aileen J Anderson, PhD, University of California, Irvine
Michael Fehlings, PhD, University of Toronto
Sarah Christine Heilshorn, PhD, Stanford
- 11:00am-11:15am **Coffee Break/Gallery Viewing**
- 11:15am-11:45am **Team Discussion/Brainstorming Session**
- 12:00pm-1:00pm **Mentor-Mentee Luncheon**
- 1:00pm-2:15pm **Trainee Presentations**, Moderator: Erica Dale, PhD
- 2:15pm-2:30pm **Gallery Viewing/moving to poster session**
- 2:30pm- 3:45pm **Poster Session/coffee and treats**
- 4:15pm-9:00pm **Houston Rodeo** (*invited guests only*)



Thursday March 6, 2025 (Day 2)

**** Please note:** all timings provided are in CST (US Central Standard Time Zone)

- 8:00am-8:30am **Registration and Set-up**
- 8:30am-10:30am **Session 2: Rehab and Exoskeletons**
Moderator: David S. K. Magnuson, PhD, University of Louisville
Speakers: Kristin Musselman, PhD, University of Toronto
Edelle Field Fote, PhD, Emory University
Dimitri Sayenko, PhD, University of Washington
Sandra Hirche, PhD, Emory University
- 10:30am-10:45am **Coffee Break/Gallery Viewing**
- 10:45am-11:30am **Team Discussion/Brainstorming Session**
- 11:30am-12:30pm **Lunch and Networking**
- 12:30pm-3:45pm **Session 3: Synergy of Neuromodulation and Long-tract Regeneration**
Moderator: Aileen J Anderson, PhD, University of California, Irvine
Speakers: Reggie Edgerton, PhD, University of California, Los Angeles
Brian R. Noga, PhD, The Miami Project
Valentin Dragoi, PhD, Houston Methodist
Erica Dale, PhD, University of Florida
Murray Blackmore, PhD, Marquette University
Binhai Zheng, PhD, University of California, San Diego
Brett Hilton, PhD, University of British Columbia
- 3:45pm-4:30pm **Coffee Break/Team Discussion/Brainstorming Session**
- 4:30pm-5:00pm **Mini-Grant Elevator Pitch Introduction, Moderator: Adrien Cohen**
- 5:00pm-7:00pm **Dinner and Mini-Grant Elevator Pitches**
- 7:00pm-7:30pm **Awards and Closing Comments, Philip Horner, PhD and Karim Fouad, PhD**