



# 5<sup>th</sup> Patricia Levy Zusman International Workshop on Neuroregeneration

HOUSTON  
**Methodist**  
LEADING MEDICINE

Houston Methodist Research Institute  
Department of Neurosurgery  
Center for Neuroregeneration



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

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## **Tuesday March 4, 2025 (Day 0)**

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

- 4:00pm-4:15pm      **Welcome Remarks**  
Philip Horner, PhD, Director, Center for Neuroregeneration, Houston Methodist  
Karim Fouad, PhD, Professor, Rehabilitative Medicine, University of Alberta
- 4:15pm-4:40pm      **Ice Breaker** (a discussion on career by chance led by a mix of junior and senior scientists)
- 4:40pm-5:00pm      **2023 Workshop Mini-Grant Winner**, Will Cafferty, PhD & Matthew Hogan, PhD
- 5:00pm-5:50pm      **Poster Blitz Presentations for Trainees**, Moderator: Erica Dale, PhD
- 5:50pm-7:20pm      **Registration and Dinner** (*limited seating, invited guests only*)
- 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 Research Institute  
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      **Speed Dating Topics 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, Shepherd Center  
Dimitri Sayenko, PhD, Houston Methodist Research Institute  
Sandra Hirche, PhD, Technical University of Munich
- 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-2:00pm    **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 Research Institute  
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
- 2:00pm-2:15pm      **Coffee Break/Gallery Viewing**
- 2:15pm-3:45pm      **Session 3: Synergy of Neuromodulation and Long-tract Regeneration continued**  
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  
Ilaria Palmisano, PhD, Ohio State University
- 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