



5th Patricia Levy Zusman International Workshop on Neuroregeneration



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

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

4:00pm-4:15pm	Welcome Remarks Philip Horner, PhD, Houston Methodist Research Institute (HMRI) Karim Fouad, PhD, University of Alberta	Marriott Hotel 3 rd Floor
4:15pm-4:40pm	Ice Breaker <i>A discussion on career by chance</i>	Marriott Hotel 3 rd Floor
4:40pm-5:00pm	2023 Workshop Mini-Grant Winner William Cafferty, PhD, Yale School of Medicine Matthew Hogan, PhD, HMRI	Marriott Hotel 3 rd Floor
5:00pm-5:50pm	Poster Blitz Presentations for Trainees <i>Moderator: Erica Dale, PhD, University of Florida</i>	Marriott Hotel 3 rd Floor
5:50pm-7:20pm	Dinner <i>limited seating, invited guests only</i>	Marriott Hotel 3 rd Floor
7:20pm-8:20pm	Keynote Presentation: Different Treatments for Different Lesions <i>Moderator: Karim Fouad, PhD, University of Alberta Speakers: Jan Schwab, MD, PhD, Ohio State University Kristine Cowley, PhD, University of Manitoba</i>	Marriott Hotel 3 rd Floor

Wednesday March 5, 2025

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

8:00am-8:30am	Registration and Breakfast	HMRI 2 nd Floor Auditorium
8:30am-8:40am	Welcome Comments Philip Horner, PhD, HMRI Karim Fouad, PhD, University of Alberta	HMRI 2 nd Floor Auditorium
8:40am-8:50am	Introduction to Gallery Wall and Facilitation Techniques Karina Branson, Conversketch	HMRI 2 nd Floor Auditorium
8:50am-10:50am	Session 1: Combining Bridging with Cell Replacement <i>Moderator: Philip Horner, PhD, HMRI Speakers: Stephanie Seidlits, PhD, University of Texas at Austin Aileen J Anderson, PhD, University of California, Irvine Michael Fehlings, MD, PhD, University of Toronto Sarah Christine Heilshorn, PhD, Stanford</i>	HMRI 2 nd Floor Auditorium
10:50am-11:00am	Catalyst Award Introduction Philip Horner, PhD, HMRI Karim Fouad, PhD, University of Alberta	HMRI 2 nd Floor Auditorium
11:00am-11:15am	Coffee Break/Gallery Viewing	HMRI 2 nd Floor Auditorium



11:15am-11:45am	Brainstorming Session & Team Building	HMRI 2 nd Floor Auditorium
12:00pm-1:00pm	Speed Topics Luncheon	HMRI 2 nd Floor Auditorium
1:00pm-2:10pm	Trainee Presentations Moderator: Erica Dale, PhD	HMRI 2 nd Floor Auditorium
2:10pm-2:15pm	Visual Summary Walkthrough Karina Branson, Conversketch	HMRI 2 nd Floor Auditorium
2:15pm-2:30pm	Gallery Viewing/Transition to Poster Session	
2:30pm- 3:45pm	Poster Session	Marriott Hotel 3 rd Floor
4:15pm-9:00pm	Houston Rodeo (<i>invited guests only</i>)	Meet: 1 st Floor Marriott Hotel

Thursday March 6, 2025

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8:00am-8:30am	Registration and Breakfast	HMRI 2 nd Floor Auditorium
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, HMRI Sandra Hirche, PhD, Technical University of Munich	HMRI 2 nd Floor Auditorium
10:30am-10:45am	Coffee Break/Gallery Viewing	HMRI 2 nd Floor Auditorium
10:45am-11:30am	Brainstorming Session & Team Building	HMRI 2 nd Floor Auditorium
11:30am-12:30pm	Lunch and Networking	Dunn Rio Grande
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, Rancho Research Institute Brian R. Noga, PhD, The Miami Project Valentin Dragoi, PhD, HMRI 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	HMRI 2 nd Floor Auditorium
2:00pm-2:15pm	Coffee Break/Gallery Viewing	HMRI 2 nd Floor Auditorium
2:15pm-3:45pm	Session 3: Synergy of Neuromodulation and Long-tract Regeneration Moderator: Aileen J Anderson, PhD, University of California, Irvine Speakers: Reggie Edgerton, PhD, Rancho Research Institute Brian R. Noga, PhD, The Miami Project Valentin Dragoi, PhD, HMRI	HMRI 2 nd Floor Auditorium



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-3:50pm	Visual Summary Walkthrough Karina Branson, Conversketch	HMRI 2 nd Floor Auditorium
3:50pm-4:20pm	Coffee Break/Team Discussion & Brainstorming Session	HMRI 2 nd Floor Auditorium
4:20pm-4:30pm	Transition to Marriott Hotel	
4:30pm-5:00pm	Mini-Grant Elevator Pitch Introduction Moderator: Will Cafferty, PhD, Yale School of Medicine Matthew Hogan, PhD, HMRI	Marriott Hotel 3 rd Floor
5:00pm-7:00pm	Dinner and Mini-Grant Elevator Pitches	Marriott Hotel 3 rd Floor
7:00pm-7:30pm	Awards and Closing Comments Philip Horner, PhD, HMRI Karim Fouad, PhD, University of Alberta	Marriott Hotel 3 rd Floor

Thank You to Our Sponsors:



Patricia Levy Zusman was a devoted wife, mother of four and loving grandmother to eight when she died of complications from Parkinson's disease. Patricia was no stranger to neurological diseases — her grandmother faced ALS and her granddaughter faces Rett Syndrome.

Despite her personal struggles, she dedicated herself to making the world a better place. She fought for equality for women through her work with the League of Women Voters and the National Council of Jewish Women. She volunteered at her children's schools, libraries and her local hospital. She would be so proud of the work that each of you are doing in neuro restoration. With each step and each breakthrough, you honor her memory.



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**PAULA AND JOSEPH C.
“RUSTY” WALTER III**