



Patricia Levy Zusman International Workshop on Neuroregeneration

ORGANIZING COMMITTEE

Ben Arenkiel	Francesca Taraballi
Erica Dale	Veronica Tom
Mario Romero-Ortego	Sonia Villapol

Tuesday March 7, 2023 (Day 0)

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

4:00pm-6:00pm	Cocktail Social Ice Breaker – Career by Chance Discussion
6:00pm-7:00pm	Mini-Grant Development
7:00pm	DINNER SERVED
7:30pm-7:45pm	Introduction to Miro and Facilitation Techniques, Karina Branson/ConverSketch
7:45pm-8:15pm	Keynote Speech: Tension in Growth, Kristian Franze, PhD , Cambridge University
8:15pm-8:45pm	Keynote Speech: Expansion Microscopy, Ed Boyden, PhD , Massachusetts Institute of Technology

Wednesday March 8, 2023 (Day 1)

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

8:30am-9:00am	Registration and Set-up
9:00am-9:30am	Welcome Comments Philip Horner, PhD , Director, Center for Neuroregeneration, Houston Methodist Karim Fouad, PhD , Professor, Rehabilitative Medicine, University of Alberta
9:30am-10:00am	Housekeeping
10:00am-10:15am	Coffee Break

Session 1: Look at 'em grow! Molecular controls and axon growth rates
 Moderator: **Philip Horner, PhD**, Houston Methodist

10:15am-10:30am	Richard Eva, PhD , Cambridge University
10:30am-10:45am	Sika Zheng , University of California, Riverside
10:45am-11:00am	Speaker TBD
11:00am-11:15am	Session 1 Speaker Q&A



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11:15am-11:45am 5-minute Poster Presentations for selected trainees; Moderator: **Erica Dale, PhD**

11:45pm-1:00pm Lunch and Poster Session

Session 2: Is it organic? The Vegan approach: Injectable biomaterials in wound healing and regeneration, including excitable materials

Moderator: **Francesca Taraballi, PhD**, Houston Methodist

1:00pm-1:15pm **Samuel I. Stupp, PhD**, Northwestern University

1:15pm-1:30pm **Mario Romero-Ortega, PhD**, University of Houston

1:30pm-1:45pm **Laura de LaPorte, PhD**, DWI – Leibniz-Institut für Interaktive Materialien

1:45pm-2:00pm **Dena Shahriari, PhD**, University of British Columbia

2:00pm-2:15pm Session 2 Speaker Q&A

2:15pm-2:30pm End of Day Closing Comments

2:30pm-8:00pm Houston Rodeo Event

Thursday March 9, 2023 (Day 2)

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

9:00am-9:30am Registration and Set-up

Session 3: The Glia Idea? Glial and Immune Glia in plasticity

Moderator: **Veronica Tom, PhD**, Drexel University

9:30am-9:45am **Phil Horner, PhD**, Houston Methodist

9:45am-10:00am **Sebastian Werneburg, PhD**, UMass Medical School

10:00am-10:15am **Anna Molofsky, MD, PhD**, UC San Francisco

10:15am-10:30am Session 4 Speaker Q&A

10:30am-11:00am Coffee Break



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Session 4: Control your impulses: tools in mouse systems - plasticity

Moderator: **Karim Fouad, PhD**, University of Alberta

11:00am-11:15am Terrance T. Kummer, MD, PhD, Washington University School of Medicine

11:15am-11:30am Zhigang He, PhD, BM, Harvard Medical School

11:30am-11:45am Tuan Bui, PhD, University of Ottawa

11:45am-12:00pm Keith Fenrich, PhD, University of Alberta

12:00pm-12:15 Session 4 Speaker Q&A

12:15pm-2:00pm Lunch and Networking

Session 5: Neuromodulation: where is the current going?

Moderator: **Mario Romero-Ortega, PhD**, University of Houston

2:00pm-2:15pm Vivian Mushahwar, PhD, University of Alberta

2:15pm-2:30pm Dimitry Sayenko, MD, PhD, Houston Methodist

2:30pm-2:45pm Marco Capogrosso, PhD, University of Pittsburgh

2:45pm-3:00pm Chet Moritz, PhD, University of Washington

3:00pm-3:15pm Session 5 Speaker Q&A

3:15pm-3:30pm End of Day Closing Comments

6:00pm-8:00pm Dinner Event

Friday March 10, 2023 (Day 3)

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9:00am-9:30am Registration and Set-up

Session 6: Single Cell Omics: Garbage in, Roses out?

Moderator: **Yi-Lan Weng, Houston Methodist**

9:30am-9:45am Jiaqian Wu, PhD, University of Texas Health Science Center at Houston

9:45am-10:00am Kaya Matson, PhD, National Institute of Neurological Disorders and Stroke



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10:00am-10:15am Will Cafferty, PhD, Yale School of Medicine

10:15am-10:30am Session 6 Speaker Q&A

10:30am-11:00am Coffee Break

Session 7: Winning Bowels and Minds?

Moderator: **Sonia Villapol, PhD**, Houston Methodist

11:00am-11:15am Karim Fouad, PhD, University of Alberta

11:15am-11:30am Michelle Hook, PhD, Texas A&M College of Medicine

11:30am-11:45am Ceren Yarar-Fisher, PT, PhD, University of Alabama at Birmingham

11:45am-12:00pm Session 7 Speaker Q&A

12:00pm-1:30pm Lunch and Mini-Grant Elevator Pitches; Moderator: **Erica Dale, PhD**

1:30pm-1:45pm Awards

1:45pm-2:00pm Closing comments by **Philip Horner, PhD** and **Karim Fouad, PhD**