



CORT

**QUARTERLY
NEWSLETTER**

Volume 8

Improving lives through rigorous science, innovation,
collaboration, and compassion.

This Quarter's Focus

Acting on our mission.

Parkland Burn Camp

Dr. Levi joined our Parkland Team for their annual Burn Camp. Parkland's burn camps allow children who have been hospitalized with burn injuries a chance to share time with others who face similar life-altering challenges.



Dr. Levi seeing off Parkland Burn camp attendees.

Solar Eclipse

On April 8, the moon moved in front of the sun, totally blocking it, and creating what looks like a big, black hole in the sky. UTSW enjoyed the celestial spectacle with games, food trucks and a live DJ.



Solar clips celebrated on North Campus at UT Southwestern.

Upcoming Events

September 20, 2024 - Hybrid CORT Lecture: Peter Douglas, UTSW

September 27, 2024 - 30th ASBMR Conference (American Society for Bone and Mineral Research)

October 4, 2024 - Hybrid CORT Lecture: Christopher Rathbone, UT San Antonio

Grants, Funding, and Awards

Making moves.

Levi Lab Awarded Grant Funding

Novel Short Wave Assessment Tool in Texas (SWATT) to Enhance Burn Tissue Viability Assessment

Robert Tower Grant Funding

The Tower Lab received an R01 Grant

Title: Mitochondrial function regulates ROS-mediated patterning following injury

Role: MPI

Supporting Agency: NIH/NICHD R01HD112474

Title: Neutrophil metabolism regulates hematopoiesis after trauma

Role: PI

Supporting Agency: NIH/NIAID R01AI186118

Awards

Chase Pagani, Graduate Student Researcher

Peter Gingrass Award for Best Medical Student Presentation, Plastic Surgery Research Council Annual Meeting, May 2024

Best Short Paper Presentation, Plastic Surgery Research Council Annual Meeting, May 2024

Dr. Neda Vishlaghi, Postdoctoral Researcher

ASBMR 2024 Young Investigator Award

Madysen Hunter, Medical Student

ASBMR 2024 Young Investigator Award

Center for Organogenesis, Regeneration & Trauma Award at the 26th Annual Surgery Research Forum

Dr. Heeseog Kang, Research Scientist

ASBMR 2024 Mid-Career Faculty Travel Grant

Stefi Moye, Graduate Student Researcher

ASBMR 2024 Young Investigator Award

UTSW Recipients of TRC4 Funding

\$2,875,557

Transcutaneous Auricular Neurostimulation in TBI (tAN-TBI) PI: Alex Valadka, MD

Financial Toxicity Associated with Upper Extremity Trauma PI: Jessica Billing, MD

Neurovascular Coupling and Disorders of Consciousness in Severe Traumatic Brain Injury PI: Kartavya Sharma, MD

Targeting JMJD3 to Enhance Recovery from Muscle Trauma PI: Prashant Mishra, MD

Physiological and Molecular Determinants of Shock-induced Torpor in the Mouse
PI: Laurent Gautron, PhD

Mechanisms of Poloxamer 188 in Burn Injury PI: Vanessa Nomellini, MD

Novel Pharmacologic Strategies to Mitigate Post-traumatic Extremity Complications
PI: Benajmin Levi, MD

Identifying the Role of Lymphatic Vessels in Tendon Healing PI: Neda Vishlaghi, PhD

Dissecting the Function of ER Stress during Skin Wound Repair PI: Zaili Yang, PhD

Development of Ultra-fast Cardiac MR Protocol for Cardiac Trauma Evaluation and Diagnosis PI: Qing Zou, PhD



Drs. Michael Dellinger, Benjamin Levi, and Mark Kahn during the CORT Lectureship Series on April 15th.

Military Health System Research Symposium

Spreading the word.

The Military Health System Research Symposium is the Department of Defense's premier scientific meeting that focuses specifically on the unique medical needs of the war fighter. CORT co-hosted a booth with TRC4 for this year's event,

This annual educational event draws approximately 4,000 attendees and provides a collaborative environment for military medical care providers with deployment experience, research and academic scientists, international partners, and industry on research and related health care initiatives falling under the topic areas of Combat Casualty Care, Military Operational Medicine, Clinical and Rehabilitation Medicine, Information Sciences, Military Infectious Diseases, and Radiation Health Effects.



New to CORT Labs

Welcome to our team.



Elnaz Ghotbi

Postdoctoral Researcher - Levi Lab



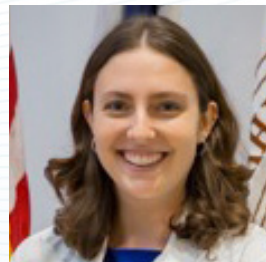
Oromo Geshow

Research Assistant - Levi Lab



Sonakshi Chakrabarty

Summer Intern - Nomellini Lab



Geli Kane

Medical Student - Nomellini Lab