



**RegenMed
SA**

**12th Annual Conference
on
Stem Cell Research
& Regenerative Medicine**

Conference Program

Thursday, February 12, 2026 – HEB Ballroom, UTSA

9:00 - Welcome – John McCarrey [UTSA]

SESSION 1 [Session Chair – Rogelio Zamilpa, BioBridge Global]

9:05 - **Jie Zheng** (UTSA)

“Overcoming the Barrier: Structural Mechanisms of Amyloid Cross-Seeding Across Diverse Biological Systems”

9:25 - **Joseph Alderete** (UT Health SA)

“Multimodal Approach to Improve Functional Recovery Following Acute and Delayed Peripheral Nerve Injury: The journey from animal models to Non-Human Primate and Human Clinical Trial”

9:45 - **Leslie Rivera-Lopez** (USA ISR)

“In Vitro Models for Testing Countermeasures for Acute Radiation Injury in Human Cells”

10:05 - **Whitney Wendt** (UTSA)

“Mapping Trigeminal Sensory Neuronal Populations in TMJ Function”

10:25 - Coffee break

10:45 – 11:45 **KEYNOTE SESSION**

“Leveraging Research Interactions within San Antonio toward Enhanced Progress in Regenerative Medicine”

[Moderated by John McCarrey, UTSA]



**Taylor Eighmy, President,
UT San Antonio**



**Robert Miller, Director, UT San Antonio
Military Health Institute**



**Jennifer Potter, Vice President for Research,
UT San Antonio**



**Martin Landon, Chief Executive Officer,
BioBridge Global**

11:45 – 12:00 – Pick up lunch (provided)

12:00 – 1:00 – **LUNCH & PANEL DISCUSSION**

“Leveraging Research Interactions within San Antonio toward Enhanced Progress in Regenerative Medicine”

[Moderated by Brij Singh, UT Health SA]

Panel Members:

- **Jenny Hsieh**, UTSA
- **Shamim Mustafa**, UT Health SA
- **Adam Meledeo**, USA ISR
- **Mary Pat Moyer**, INCELL

SESSION 2 [Session Chair – Jack Hutcheson, 59th Medical Wing]

1:00 - **Laura Chavez** (UTSA)

“Epigenetic Effects of Adverse Lifestyle Choices in Males”

1:20 - **Travis Block** (Goldilox Bio)

“Modeling of Heritable Cardiopathologies using Patient-Specific iPSC-Derived Cardiomyocytes”

1:40 - **Bibhuti Mishra** (UT Health SA)

“Lessons from Helminth: Immunity Meets Tissue Regeneration”

2:00 - **Jake Gray** (UTSA)

“A Dual-Reporter Strategy to Resolve Stem Cell Potential in Undifferentiated Spermatogonia”

2:20 - **Madeline Lawrence** (ISR)

“Bone Marrow Mesenchymal Stromal Cell-Derived Extracellular Vesicles for Endotheliopathy of Trauma: An Ex Vivo Microfluidic Study”

2:40 - **Coffee break**

SESSION 3 [Session Chair – Geoffrey Kindt, BioBridge Global]

3:00 - **Viada Glatt** (UT Health SA)

“Nature-Inspired Healing: Clinical Potential of a Biomimetic Hematoma Scaffold for Bone and Muscle Regeneration”

3:20 - **Parul Varma** (UTSA)

“Integrating Single Cell Transcriptomics and Chromatin Profiling to Decode Epilepsy Mechanisms”

3:40 - **Xiao-Dong Chen** (UT Health SA)

“Rescuing Aging Stem Cells to Promote Autologous Cell-Based Therapies for Age-Related Diseases”

4:00 – **Jian Ling** (SwRI)

“Facilitating FDA Approval of Cell and Gene Therapies for Rare Diseases through Automated and Standardized Manufacturing Technology”

4:20 – **Alia Mallah** (BioBridge Global)

“Navigating the Transition from Process Development to Manufacturing”

POSTER SESSION & NETWORKING RECEPTION

4:45 – 6:45

6:45 - Conference adjourns