

Poster Challenge Participants

POSTER NUMBER

- 1A** **Stress-Localized Durable Icephobic Surfaces**
Hadi Ghasemi, Ph.D., University of Houston
- 2A** **The Individual Nystagmus Training Simulation Experience (INSITE™)**
Joel Laurance Rizzo II, The University of Texas at Dallas
Kira Lowe, The University of Texas at Dallas
- 3A** **LotusFlo™: A Molecular Plasma Coating Process for Mitigating Deposit Adhesion on Surfaces**
Michael A. Miller, Southwest Research Institute
- 4A** **IoT Sensors for Improved Reliability and Efficiency of Water Treatment Systems**
Malynda Cappelle, Ph.D., The University of Texas at El Paso
- 5A** **The Commercialization of Passive Sampling to More Accurately Monitor Environmental Change**
Alex V. Smith, Texas Tech University
- 6A** **Device for Chronic Subdural Hematoma Treatment with Re-Expansion**
Catherine Cheng, Ph.D., UT Health San Antonio
- 7A** **Noninvasive Treatment of Metal Implant Infections**
Kirt Gill, M.D., UT Southwestern Medical Center
- 8A** **Innovative Platforms Spearhead Biomanufacturing and Quality Challenges of Cell and Tissue Therapies**
Cory Hallam, Ph.D., INCELL Corporation LLC
- 9A** **Novel Encapsulated Sterols to Modify Crop Growth and Agricultural Pest Control**
Krishna Kumar, Texas A&M University
- 10A** **Biofilm Efficacy of an Innovative Wound Cleanser and Gel**
Rebecca E. McMahon, Ph.D., Rochal Industries, LLC
- 11A** **Innovative Synthesis of Stable Liquid Ferrate: An Environmentally-Friendly Chemical for Water Treatment**
Kyriakos Manoli, Ph.D., Texas A&M University
Virender Sharma, Ph.D., Texas A&M University
- 12A** **DERMATAC™ Drape, A Novel Gentle Adhesive-Based Drape For Wound Healing Applications**
Kristine Kieswetter, Ph.D., KCI
- 13A** **Novel Humanized Mouse Platform Supports Human Monoclonal Antibody Production and Human Disease-Modeling**
Daniel Chupp, UT Health San Antonio

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- 14A** **DartFusion Bed Boundary Mapping LWD Tool**
Jim Mather, Oliden Technology
- 1B** **Shell Gas-To-Liquids Lubricants Technology: Driving Performance and Efficiency of the Future**
Sarah Remmert, Ph.D., Shell Global Solutions, US Inc.
- 2B** **CzIP-17: An Optimized, Targeted Treatment for Non-Tuberculous Mycobacterium Lung Infections**
Ashlee Brunaugh, The University of Texas at Austin
- 3B** **A Unified Deep Learning Network for Pan-Cancer Diagnostics**
Steven Gore, University of North Texas
- 4B** **Tl mm Wave Sensors Enable Intelligence for Home, Automotive and Industrial Applications**
Baher Haroun, Ph.D., Texas Instruments
- 5B** **Remotely Operated Vehicle (ROV) Enabled Robotic Inspection System for Undersea Bolted Connections**
Zheng Chen, Ph.D., University of Houston
- 6B** **New Technology for Opening the Blood-Brain Barrier to Deliver Therapeutics**
Zhenpeng Qin, Ph.D., The University of Texas at Dallas
- 7B** **Investigation of a Thromboxane A2 Receptor-Based Vaccine for Managing Thrombogenesis**
Fatima Z. Alshbool, Ph.D., The University of Texas at El Paso
- 8B** **ExxonMobil Oil Spill Prevention and Response Research**
Tim Nedwed, Ph.D., ExxonMobil Upstream Research Company
- 9B** **Nanodiamond-Based Injection Solution for Lubrication and Anti-inflammation Treatment in Artificial Joints**
Diana Berman, Ph.D., University of North Texas
- 10B** **Biological Imaging with 20-Fold Better Resolution**
Kevin M. Dean, Ph.D., UT Southwestern Medical Center

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