

Advancements in
Translational Science for
Pain Management
in Cancer Care
Symposium

Sponsored by
The University of Texas MD Anderson Cancer Center
Pain Research Consortium

May 8-9, 2025

Goal

The Advancements in Translational Science for Pain Management in Cancer Care Symposium serves as a catalyst for collaborative innovation in pain sciences, bringing together experts from diverse backgrounds to address the complex challenges of cancer-related pain. This unique platform fosters interdisciplinary discussions on cutting-edge research, bridging the gap between basic science discoveries and clinical applications.

Join us for a transformative event blending scientific exploration, collaborative networking, and the opportunity to shape the future of pain management.

Educational Objectives

After attending the symposium, participants should be able to:

- Design interdisciplinary strategies to train the next generation of international thought leaders in pain research and clinical practice.
- Describe key components of effective training programs for developing international leaders in pain research and clinical care.
- Discuss emerging technologies and non-pharmacological interventions for effective pain control in cancer patients and survivors.
- Synthesize translational research findings to advance personalized pain management solutions across the cancer care continuum.

Target Audience

Specialty - Pain Medicine

Professions - Nurse - APRN, Nurse - LVN, Nurse - RN, Other, Pharmacists, Physician (MD/DO), Physician Associate, Social Workers, Speech-Language Pathologist, Student or Trainee

Educational Methods

- Lectures/Didactic
- Panel Discussions
- Question/Answer Sessions

Evaluation

An online course evaluation tool will provide participants with the opportunity to comment on the value of the program content to their practice decisions, performance improvement activities, or possible impact on patient health status. Participants will also have the opportunity to comment on any perceived commercial bias in the presentations as well as to identify future educational topics.

**Registration is now open.
Click here to register.**

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Agenda | Thu. May 8 - Fri. May 9, 2025

Zayed Building, Floor 2

NOTE: All Times Are in Central Standard Time (CST)

Thu., May 8

3:00 p.m. - 5:00 p.m. Poster Session, Exhibitor Networking & Welcome Reception

Fri. May 9

7:30 a.m. Registration, Breakfast and Networking

8:30 a.m. Welcome, Acknowledgments and Introductions
Andrew Shepherd

8:40 a.m. Keynote: USASP, Drug Discovery and Clinical Trial Design
John Farrar

9:30 a.m. Patient Panel Discussion

10:00 a.m. Morning Networking Break

10:15 a.m. Gut Feelings: A New Look Into Visceral Interoception
Hongzhen Hu

10:45 a.m. Pain in Pediatric Patients
Nelda Itzep

11:15 a.m. Pharmacogenetics/Pharmacogenomics of Pain Management
Kristine Crews

11:45 a.m. Lunch and Networking

1:15 p.m. Keynote: Human Sensory Neurons Facilitate Translation of Basic Pain Science
Patrick Dougherty

2:05 p.m. TTI-101: A Novel Inhibitor of STAT3 with Pain-Relieving Properties
David Tweardy

2:35 p.m. Machine Learning Approaches to Facilitate Discovery and Improve Patient Care
Chris Gibbons

3:05 p.m. Afternoon Networking Break

3:20 p.m. Cannabinoids for Cancer Pain Relief
Josee Guindon

3:50 p.m. mPNST Growth is dependent on Nociceptor Activity
Khalil Kasm

4:20 p.m. Poster Award Announcements and Closing Remarks
Andrew Shepherd

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