



TEXAS A&M UNIVERSITY
Clinical Science &
Translational Research

Grand Rounds



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**Next Grand Rounds:
September 3, 2024 – TBA**

This event will be recorded and
available online at
cstrinstitute.tamhsc.edu

*CME credit given ONLY for
attendance at live event.*

“Immunoengineering Solutions for Translational Medicine”

**Tuesday, August 6, 2024
12:00–1:00 pm**

Via ZOOM:

<https://tamu.zoom.us/j/97360784118?pwd=AjkoZ0216IO11Mde14Na5HL9R0yUwg.1>

Meeting ID: 973 6078 4118

Passcode: 386811

Dial in: 1 346 248 7799 / 1 888 788 0099 / 1 877 853 5247

OBJECTIVES:

Upon completion of this activity, the participant should be able to:
1) Discuss the principles of immune engineering, including the integration of immunology, engineering, and nanotechnology, and how these principles are applied to develop innovative strategies for disease treatment; 2) describe the latest advancements in nanocarrier design and immunomodulatory biomaterials, focusing on their role in precise therapeutic delivery and immune system modulation to treat cancer, autoimmune disorders, and infectious diseases; 3) critically analyze how immune engineering bridges the gap between bench research and clinical applications, emphasizing the significance of preclinical and clinical trials in translating laboratory discoveries into effective healthcare solutions; and 4) explore the processes involved in creating personalized immunotherapies, understanding how immune engineering contributes to the customization of treatments based on individual patient profiles to enhance efficacy and reduce adverse effects.

ACCREDITATION: Texas A&M University College of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

DESIGNATION: Texas A&M University College of Medicine designates this live activity for a maximum of 1 AMA PRA Category 1 Credit™. Physicians should claim only credit commensurate with the extent of their participation in the activity.

DISCLOSURES: Francesca Taraballi, PhD, faculty for this educational activity, has no relevant financial relationship(s) to disclose with ineligible companies whose primary business is producing, marketing, selling, re-selling, or distributing healthcare products used by or on patients.

The planners for this educational activity have no relevant financial relationship(s) to disclose with ineligible companies whose primary business is producing, marketing, selling, re-selling, or distributing healthcare products used by or on patients.

Physicians claiming CME credit should submit an evaluation online at

<https://med.catalog.instructure.com/courses/cstr-grand-rounds-aug-2024-live>

Students claiming attendance credit should visit

https://tamu.qualtrics.com/jfe/form/SV_cHdi4K8DgsJsoJM

For further information, email CSTR@tamu.edu.