

Torry A Tucker
August 2025 - August 2026
Associate Professor
(903)877-7010
torry.tucker@uthct.edu

CONTACT INFORMATION

Lab A5 Center for Biomedical Research
11937 US Hwy 271
Tyler, Texas 75708

DEGREES

In Progress Ph.D., Cellular and Molecular Physiology, The University of Alabama at Birmingham, Birmingham, Alabama, United States
B.Sc., Biological Sciences, The University of Alabama, Tuscaloosa, Alabama, United States

POST-GRADUATE TRAINING

Post-Doctorate, The University of Texas Health Science Center at Tyler, Pleural Mesothelial cell Biology, Mesothelial Mesenchymal transition, Tyler, Texas, United States, February 2007, August 2012
Post-Doctorate, The University of Alabama at Birmingham, Lung and epithelial cell physiology, United States, January 2005, February 2007

ACADEMIC APPOINTMENTS

Associate Professor, Cellular and Molecular Biology, UT Tyler School of Medicine, Tyler, Texas, Tenure (if applicable): Not Tenured, 2018-09-01
Instructor, Cellular and Molecular Biology, University of Texas Health Science Center at Tyler, Tyler, Texas, Tenure (if applicable): Not Tenured, 2009-08-01, 2010-07-31
Assistant Professor, Cellular and Molecular Biology, University of Texas Health Science Center at Tyler, Tyler, Texas, Tenure (if applicable): Not Applicable, 2010-09-01, 2017-08-31

ADMINISTRATIVE APPOINTMENTS

Associate Dean, Research, UT Tyler School of Medicine, Tyler, Texas, 2022-09-01
Interim Dean, School of Medical Biological Sciences, UT Tyler School of Medicine, Tyler, Texas, 2020-01-01, 2022-09-01

OTHER ADMINISTRATIVE/LEADERSHIP POSITIONS AND PROFESSIONAL EXPERIENCES

August 2025, End Date: Ongoing , Member of the P & T Taksforce, UT Tyler, Tyler, Texas
January 2024, End Date: Ongoing , Chair P & T Task Force, UT Tyler School of Medicine, Tyler, Texas

September 2022, End Date: Ongoing , Member- ATS Nominating Committee, American Thoracic Society, New York, New York

September 2022, End Date: Ongoing , Board of Directors, Tyler Chamber of Commerce, Tyler, Texas

September 2021, End Date: Ongoing , Member, Lung Injury Regeneration Repair (LIRR), NIH/NHLBI, Bethesda , Maryland

September 2020, End Date: 2022, Member ATS Program and Planning Committee, American Thoracic Society, New York, New York

August 2020, End Date: Ongoing , Member Radiation Safety, UT Tyler SOM, Tyler, Texas

August 2017, End Date: July 2020, Member-Research Integrity Committee, University of Texas Health Science Center at Tyler, Tyler, Texas

PROFESSIONAL MEMBERSHIPS

International

August 2023 - Ongoing

American Thoracic Society, Nominating Committee. This Committee selects the Chairs of the Programming and Planning Committee for the RCMB of ATS [Responsibility: Member by Nomination]

July 2007 - Ongoing

American Thoracic Society [Responsibility: Member]

SERVICE ON COMMITTEES

UTT

August 2020 - Ongoing

Research Compliance [Responsibility: Member by Nomination]

UTTSOM

April 2023 - Ongoing

Research Enterprise Council [Responsibility: Chair]

Local

August 2021 - Ongoing

Tyler Chamber of Commerce, Subcommittee : Governance [Responsibility: Board of Directors]

EDITORIAL/BOARD APPOINTMENTS AND RESPONSIBILITIES

February 2026 - Ongoing

Editorial Board, American Journal of Respiratory Cell and Molecular Biology

August 2023 - Ongoing

TEACHING ACTIVITIES

Title	Setting	Level of Learner	Number of Learners	Contact Hours	Type of Learning Activity	Teaching Methods	Start Month	End Month
Thesis Advisor	Course	Doctoral/Master	13		Series	One-to-one, Laboratory/Research Preceptor	August 2007	Ongoing

ADVISING/MENTORING/COACHING

Name of Individual	Level of Training	Purpose/Objective	Mentoring/Advising Activities	Start Month	End Month
Shiva Keshava	Faculty/Professional Colleague	Development of individual	Formal	January 2022	Ongoing
Xia Guo	Faculty/Professional Colleague	Development of individual	Formal	August 2021	Ongoing
Guoqing Qian	Faculty/Professional Colleague	Development of individual	Formal	August 2021	Ongoing
Maolin Lu	Faculty/Professional Colleague	Career advancement of individual	Formal	August 2021	Ongoing

SCHOLARLY CONTRIBUTIONS AND CREATIVE PRODUCTIONS

Journal Article

Completed/Published

Peer-reviewed

1. Das, K., Qin, W., Jeffers, A., Owens, S., Destarac, L., Idell, S., Rao, L. V. M., Tucker, T. A., & Keshava, S. (2025). Extracellular Vesicles Contribute to the Pathophysiology and Progression of Pleural Fibrosis by Promoting Mesothelial-to-Mesenchymal Transition and Neoangiogenesis. *American Journal of Respiratory Cell and Molecular Biology*, 73(6), 938–950.
2. Jeffers, A., Owens, S., Qin, W., Durojaye, O., Florence, M., Okeke, P., Destarac, L., Keshava, S., Ikebe, M., Idell, S., & Tucker, T. A. (2025). The Role of Tufte1in-1 in Mesomesenchymal Transition of Pleural Mesothelial Cells and the Progression of Pleural Fibrosis. *American Journal of Respiratory Cell and Molecular Biology*, 73(3), 441–450.

Additional Activities

3. Olajuyin, A., Mandlem, V., Sunil, C., Hou, Y., Adeyanju, O., Petkar, S., Li, Q., Tucker, T. A., Idell, S., Chen, S.-Y. Y., Guo, X., & Qian, G. (2025). BRD4 Mediates Transforming Growth Factor- β -Induced Smooth Muscle Cell Differentiation from Mesenchymal Progenitor Cells. *International Journal of Molecular Sciences*, 26(16).

PROFESSIONAL COMMUNITY SERVICE

February 2026 - Ongoing

American Thoracic Society, Selected to the Editorial Board of the American Journal of Respiratory Cellular and Molecular Biology

September 2021 - Ongoing

NIH, Standing Member of the Pulmonary Injury, Regeneration, and Repair Committee