

Hua Tang
August 2025 - August 2026
Professor
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CONTACT INFORMATION

Room 615 Center for Biomedical Research, D wing
11937 US Highway 271
Tyler, Texas 75708

DEGREES

1993 Ph.D., Biochemistry, Shanghai Medical University, Shanghai, China
Dissertation: Changes of Protein Kinases, Lipids, Oncogenes during Chemical Hepatocarcinogenesis in Rats and Their Interrelationships

POST-GRADUATE TRAINING

Post-Doctorate, Vanderbilt University , Biochemistry, Nashville, Tennessee, United States, October 1993, August 1998

ACADEMIC APPOINTMENTS

Professor, Cellular and Molecular Biology, UT Health Science Center at Tyler, Tyler, Texas, Tenure (if applicable): Not Tenured, 2019-09-01, Present

Research Assistant Professor, Department of Biochemistry, Vanderbilt University School of Medicine, Nashville, Tennessee, Tenure (if applicable): Not Tenured, 1998-09-01, 2001-03-31

Assistant Professor, Center for Biomedical Research, UT Health Science Center at Tyler, Tyler, Texas, Tenure (if applicable): Not Tenured, 2001-04-01, 2008-08-31

Associate Professor, Cellular and Molecular Biology, UT Health Science Center at Tyler, Tyler, Texas, Tenure (if applicable): Not Tenured, 2008-09-01, 2019-08-31

SERVICE ON COMMITTEES

UTTSOM

January 2018 - Ongoing

Institutional Biosafety Committee [Responsibility: Co-Chair]

EDITORIAL/BOARD APPOINTMENTS AND RESPONSIBILITIES

January 2017 - Ongoing

Scientific Reports, Manuscript Editor

TEACHING ACTIVITIES

Title	Setting	Level of Learner	Number of Learners	Contact Hours	Type of Learning Activity	Teaching Methods	Start Month	End Month
PhD program IBMS 6323-Immune Cell Biology and Human Immunology	Course, Elective	Doctoral/Master	4		Series	Lecture, Small Group (e.g.: Case-based discussion), Seminar/Journal Club/Grand Rounds	August 2026	Ongoing
PhD program IBMS 6315-Transmembrane Signaling and Gene Regulation	Course, Elective	Doctoral/Master	4		Series	Lecture, Small Group (e.g.: Case-based discussion), Seminar/Journal Club/Grand Rounds	May 2026	Ongoing
BIOT 5132 Critical Reading II	Course	Doctoral/Master	60		Single Session	Lecture, Seminar/Journal Club/Grand Rounds	September 2019	Ongoing
BIOT 6311 Biotechnology I	Course, Lab	Doctoral/Master	60		Single Session	Lecture, Laboratory, One-to-one, Laboratory/Research Preceptor	September 2019	Ongoing
BIOT5222/BIOT5222L Advanced Metabolism/Lab	Course, Lab	Doctoral/Master	60		Single Session	Lecture, Laboratory, One-to-one, Laboratory/Research Preceptor	September 2019	Ongoing

ADVISING/MENTORING/COACHING

Name of Individual	Level of Training	Purpose/Objective	Mentoring/Advising Activities	Start Month	End Month
4	Faculty/Professional Colleague	Development of individual	Informal, Formal, Research mentor/advisor/coach	April 2020	Ongoing
8	Graduate	Development of individual	Informal, Formal, Research mentor/advisor/coach, Educational mentor/advisor/coach	January 2008	Ongoing
7	Fellow or Post-Doc	Development of individual	Informal, Formal, Research mentor/advisor/coach, Educational mentor/advisor/coach	January 2002	Ongoing

EDUCATIONAL LEADERSHIP AND ADMINISTRATION

May 2026 - Ongoing

Instructor of Record for PhD program course IBMS 6315, Unit/Location: Center for Biomedical Research , Your Role: Appointed

GRANTS

Funded - In Progress

Federal

Targeting Runx3 as a Novel Treatment for Hemophagocytic Lymphohistiocytosis Funded by NIH-NIAID (July 20, 2026 - June 30, 2028) **\$409,750.00**), Funded - In Progress, July 2026, PI Hua Tang (25%) [Type of Grant: Research]

Role of Runx3 in the Regulation of Lung cDC2 by Influenza Infection, Funded by NIH-NIAID (July 1, 2024 - April 30, 2027) **\$409,750.00**), Funded - In Progress, July 2024, PI Hua Tang (25%) with CoInvestigator Sreerama Shetty (1%) [Type of Grant: Research]

RUNX3 in Vascular Wall Remodeling, Funded by NIH-NHLBI (December 1, 2023 - November 30, 2028) **\$2,051,375.00**), Funded - In Progress, December 2023, CoInvestigator Hua Tang (10%) [Type of Grant: Research]

SCHOLARLY CONTRIBUTIONS AND CREATIVE PRODUCTIONS

Journal Article

Completed/Published

Peer-reviewed

1. Das, D. N. N., Balnadupete, A., Shetty, R., Gopu, V. P. P., Sajjan, R., Bhandary, Y. P., Marudamuthu, A. S., Oliver, C., Patel, A., Patel, A., Samten, B., Iwakura, Y., Tang, H., Citrin, D. E., Peters, J., & Shetty, S. (2026). Interleukin-17A Orchestrates Lung Injury and Remodeling Through p53 and uPA System Crosstalk. *International Journal of Molecular Sciences*, 27(4).
2. Fan, L., Shetty, R. S., Dao, H. M. M., Balnadupete, A., Somasundram, B., Bhagavath, A. K. K., Kongara, A., Tang, H., Citrin, D. E., Williams, R. O., Peters, J. I., & Shetty, S. (2025). p53-miR-34a feedback in lung fibroblasts regulates antifibrotic effects of CSP7, nintedanib, and pirfenidone. *American Journal of Physiology. Lung Cellular and Molecular Physiology*, 329(4), L480–L498.