



Sourabh Mehta

Bio

INSTITUTE AFFILIATIONS

- Member, Maternal & Child Health Research Institute (MCHRI)
- Member, Stanford Medicine Children's Health Center for IBD and Celiac Disease

HONORS AND AWARDS

- Invited Moderator for Ultrasound-responsive drug delivery session, World Molecular Imaging Society (30 Aug-2025)
- Young Investigator award, World Molecular Imaging Society (10 Sept-2024)
- Travel award - WMIC 2024, World Molecular Imaging Society (9 Sept-2024)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Early Career, American Heart Association (2026 - present)

Publications

PUBLICATIONS

- **Scalable Synthesis of Calcium Fluoride Nanoparticles as a Novel Ultrasound Contrast Agent for Imaging Tumor Targeted Delivery of Therapeutics** *CHEMICAL & BIOMEDICAL IMAGING*
Thangudu, S., Natarajan, A., Mehta, S., Devarakonda, K., Massoud, T. F., Paulmurugan, R.
2026
- **Structural Characterization and AI-Enhanced Modeling of a Broadly Neutralizing Camelid Antibody Against SARS-CoV-2 Variants** *ADVANCED THERAPEUTICS*
Hanack, K., Orzel, U., Schlor, A., Mehta, S., Krishnan, A., Filipek, S., Patel, R., Joshi, M., Hoffmann, M., Pohlmann, S., Joshi, C., Liepmann, D., Paulmurugan, et al
2025
- **Autologous extracellular vesicles derived from conjunctival squamous cell carcinoma deliver therapeutic microRNAs to induce apoptosis in originating cancer.** *Journal of materials chemistry. B*
Thangudu, S., Mehta, S., Dhowre, H. S., Bojic, S., Haghverdi, G., Wu, A. Y., Massoud, T. F., Paulmurugan, R.
2025
- **Ultrasound-assisted targeted delivery of drug-loaded nanoparticles for retinoblastoma treatment**
Park, J., Mehta, S., Paulmurugan, R., Dahl, J. J., IEEE
IEEE.2024
- **An Ultrasound-Responsive Theranostic Cyclodextrin-Loaded Nanoparticle for Multimodal Imaging and Therapy for Atherosclerosis** *SMALL*
Mehta, S., Bongcaron, V., Nguyen, T. K., Jirwanka, Y., Maluenda, A., Walsh, A. P. G., Palasubramaniam, J., Hulett, M. D., Srivastava, R., Bobik, A., Wang, X., Peter, K.

