



Vlad C. Sandulache, MD, PhD

Assistant Professor

Otolaryngology – Head and Neck Surgery

*High-throughput Imaging and a Multi-omics Approach Shed Light on Cisplatin Resistance*

Dr. Sandulache obtained his MD and PhD from the University of Pittsburgh. He completed his residency in Otolaryngology – Head and Neck Surgery at Baylor College of Medicine, followed by a fellowship in Head and Neck Surgical Oncology at the University of Texas MD Anderson Cancer Center. He currently works at Baylor College of Medicine as a surgeon scientist focused on advanced stage head and neck cancer. Dr. Sandulache helped define some of the metabolic features of head and neck squamous cell carcinoma (HNSCC) and the relationship between common oncogenic events and metabolic reprogramming in HNSCC. His laboratory is focused on understanding how metabolic reprogramming contributes to the development of chemotherapy resistance through adaptation to oxidative stress.