

Dr. Rao V. L. Papineni is a distinguished scientist-entrepreneur and an Adjunct Faculty Member at the University of Kansas Medical Center, USA. He holds a doctoral degree in Biochemistry from the University of Hong Kong, under British Territorial jurisdiction. Dr. Papineni pursued his early education at the University of Madras, where he earned both his bachelor's and master's Degrees. During his tenure at Baylor College of Medicine, Dr. Papineni made pioneering contributions to the field of Ion Channel structural studies, laying the foundation for groundbreaking research in molecular biophysics.

Later in his career, he made seminal contributions to Molecular Imaging and Cancer Nanotechnology, exemplifying his versatility in diverse scientific domains. Dr. Papineni's innovative spirit has led to several notable inventions and has positioned him as a prominent figure in the international scientific community. He has chaired scientific sessions in esteemed International Biomedical Meetings and serves as a valuable NIH Grant Reviewer. Additionally, Dr. Papineni holds positions on the editorial boards of reputable journals such as Nanotech and Experimental Pharmacology, contributing significantly to the advancement of scientific knowledge.

As a visionary scientist, Dr. Papineni has spearheaded advanced research programs focusing on the study of Inflammation and Oncology, employing cutting-edge molecular imaging and nanotechnology-based tools. His laboratory has been instrumental in the development and application of novel technologies in Drug Discovery, particularly in the areas of infection, cancer, and radiation medicine. Notably, Dr. Papineni played a critical role in the fight against the COVID-19 pandemic, making invaluable contributions to the development of treatments and solutions.