

**Bio: Metin Akay** is currently the founding chair of the new Biomedical Engineering Department and the John S. Dunn professor of Biomedical Engineering at the University of Houston. He received his Ph.D. from Rutgers University in 1990. He is the founding editor-in-chief of the Biomedical Engineering Book Series published by the Wiley and the Wiley Encyclopedia of Biomedical Engineering. He established the International Summer School on BIO-X: Biocomplexity, Biodesign, Bioinnovation, Biomanufacturing and Bioentrepreneurship sponsored by the NSF, and was the founding director of the Advanced Institute on Global Healthcare Challenges.

Dr. Akay is a fellow of the Institute of Physics (IOP), IEEE, the American Institute of Medical Biological Engineering (AIMBE) and the American Association for the Advancement of Science (AAAS). His Neural Engineering and Informatics Lab is interested in nicotine and alcohol addiction and detecting coronary artery disease. In addition, his lab is Engineering High-Throughput 3D in vitro Platform for Targeting Glioblastoma Multiforme (GBM) Vasculature and molecular profiling.