

Biography: Dr. Ramamurthi is the Peter C Rossin Endowed Professor and Chairman of the Department of Bioengineering at Lehigh University. He also has an appointment in the Lehigh College of Health. He was previously a Professor of Biomedical Engineering and Molecular Medicine at the Cleveland Clinic Lerner College of Medicine of Case Western Reserve University. Anand received a PhD in Chemical Engineering, from Oklahoma State University in 1999 and completed postdoc training at the Cleveland Clinic as an American Heart Association (AHA) fellow. Until 2010, he was a tenured faculty member in Bioengineering at Clemson University, South Carolina and the Medical University of South Carolina (MUSC). Anand's research focuses on developing nanomedicine, stem cell, and biomaterials-based platform technologies for elastic tissue repair with applications to treating proteolytic disorders. He is an elected Fellow of the AHA, and is a member of the AHA Council on Arteriosclerosis, Thrombosis, and Vascular Biology. He serves on the editorial board of several major scientific journals in the fields of biomaterials, nanomedicine, tissue engineering, and regenerative medicine and as an active reviewer for 50+ scientific journals. He served as the Chair of the AHA Cardiac Basic Sciences Innovative Research Grant Study Section, and also serves on several other review panels for the NIH, NSF, and several foundational and internal grant funding agencies. To date, he has 78 peer reviewed publications, a published reference book on elastic matrix regeneration, several book chapters, and 400+ conference abstracts. He has organized and chaired several conference symposia at international meetings in the Tissue engineering and biomaterials/vascular space. His research is supported by extramural grants from the NIH, NSF, AHA and private foundations.