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## Welcome to the MIT Center for Biomedical Engineering

The Center for Biomedical Engineering focuses at the interface between engineering and molecular and cellular biology to develop new approaches to biomedical technology with applications to medicine and biology. CBE facilitates interdepartmental, multidisciplinary approaches to biomedical research to create an outstanding training environment for a new generation of students/leaders in Bioengineering. CBE has played a lead role in the evolution of MIT's activities in tissue engineering. New initiatives focus on the structure and function of biomembrane proteins for applications in sensors. In addition, fundamental discoveries in mechanobiology by CBE faculty and students have enabled critical advances for applications in musculoskeletal and cardiovascular tissue repair and regeneration. We are witnessing fundamental changes in MIT's approach to bioengineering research and education. To maintain intellectual leadership during this period of rapid evolution, innovative approaches are needed to facilitate timely translation of new discoveries into the biomedical industrial and health care sectors.

