

- [Home](#)
- [Research](#)
- [Publications](#)
- [People](#)
- [Methods Library](#)
- [Video Archive](#)

Mission

"A scientist discovers that which exists. An engineer creates that which never was" (von Karman). The unique challenge to a biomedical engineer is not only to create something that never exists, but also to make sure that it works seamlessly with something that remains very much to be discovered - the human body. The mission of this laboratory is to discover basic principles of life that are of fundamental importance to biomedical engineering. It focuses on aspects of living cells that impact broadly on engineering and medicine - how cells interact mechanically with the environment, how they migrate, and how they divide.