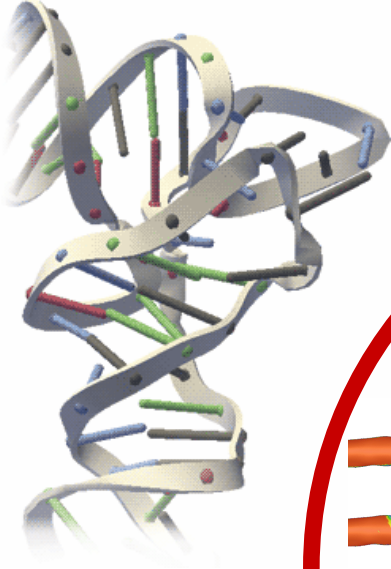


**RNA regulates genes which affect cells, cancers, and autoimmune diseases.**

**See how Simbios is making fundamental discoveries about the structure and function of RNA.**

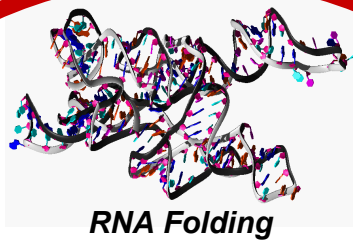
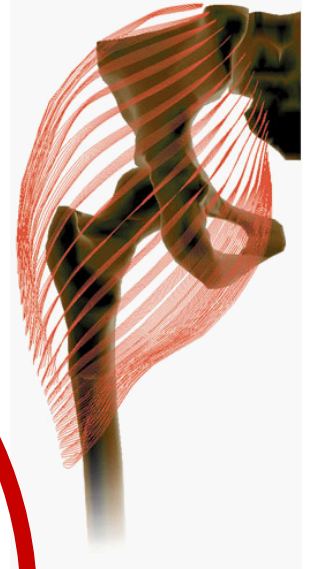
PI: Russ Altman & Dan Herschlag



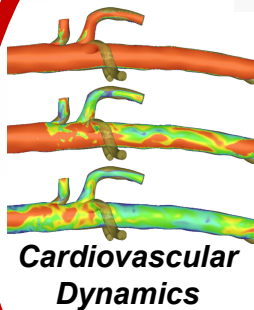
**Neuromuscular biomechanics seeks to help people with cerebral palsy, Parkinson disease, birth defects, and spinal cord injuries.**

**See how Simbios is affecting physical therapies, orthotics, and surgeries.**

PI: Scott Delp

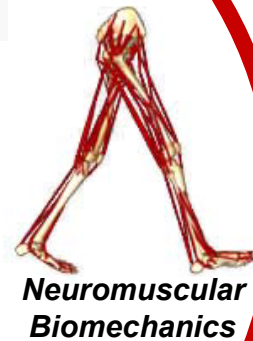


*RNA Folding*

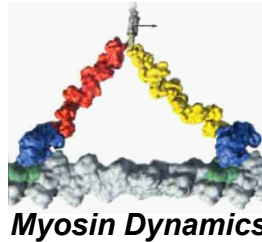


*Cardiovascular Dynamics*

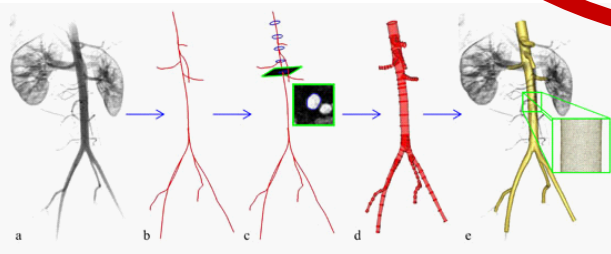
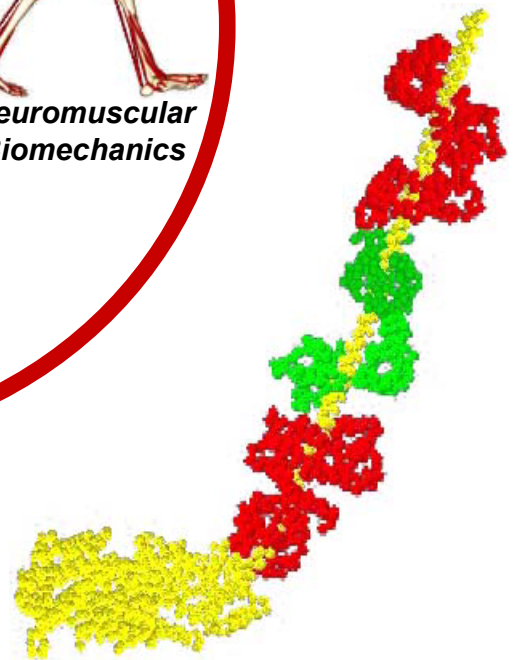
$$F=ma$$



*Neuromuscular Biomechanics*



*Myosin Dynamics*



**Cardiovascular disease kills more Americans than the next five diseases combined.**

**See how Simbios is impacting surgical, pharmacological, and catheter treatments.**

PI: Charley Taylor

**Myosin is the fundamental source of motive force in living systems.**

**See how Simbios is deciphering this mechanical-chemical process.**

PI: James Spudich