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Smart Polymers for Biomedical Applications Research Group: 2 PhD, 3 MS students, 3 BS students, 3 TAMS students

Softening shape memory polymers as substrates for bioelectronic devices

Smart Polymers



- Design and synthesis of smart polymeric biomaterials
- Ensuring that novel biomaterials are biocompatible
- Using softening polymers as substrate to create devices that are conformal to tissue

Bioelectronic Devices

• Applying microfabrication to create neural interfaces capable of recording and stimulation













