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Topics in Biomaterials, Bioengineering and Biotechnology

- Biotechnology;
- Medical Chemistry, Including Drug Design and Prodrug Strategies;
- Biophysical Chemistry;
- Analytical and Bioanalytical Chemistry;
- Physical Organic, Organic, and Computational Chemistry;
- Molecular Modeling;
- Immunology;
- Biochemistry;
- Cell and Molecular Biology.
- Artificial organs, Automated patient monitoring
- Advanced therapeutic and surgical devices
- Application of expert systems and AI to clinical decision making
- Biomaterials design ,Biomechanics of injury and wound healing
- Blood chemistry sensors, Computer modelling of physiologic systems
- Design of optimal clinical laboratories, Medical imaging systems
- Sports medicine
- Bioinformatics and Computational Biology
- Bio-Medicine
- Food Engineering
- Computer Methods in Biomechanics and Biomedical Engineering