



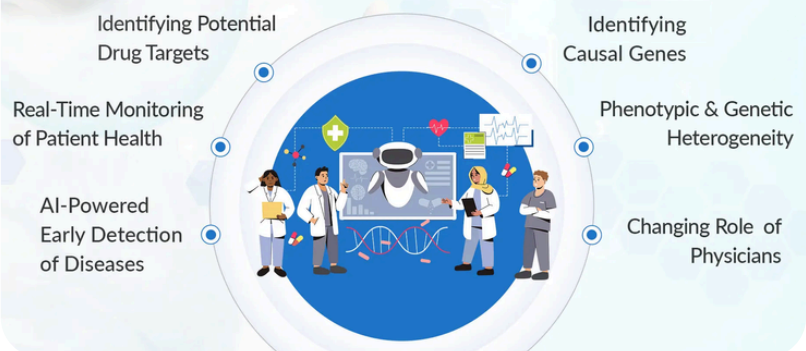
Global Personalized Medicine Market

Share, by End-use, 2023 (%)



How is AI Changing the Future of

Precision Medicine?



Department Vision

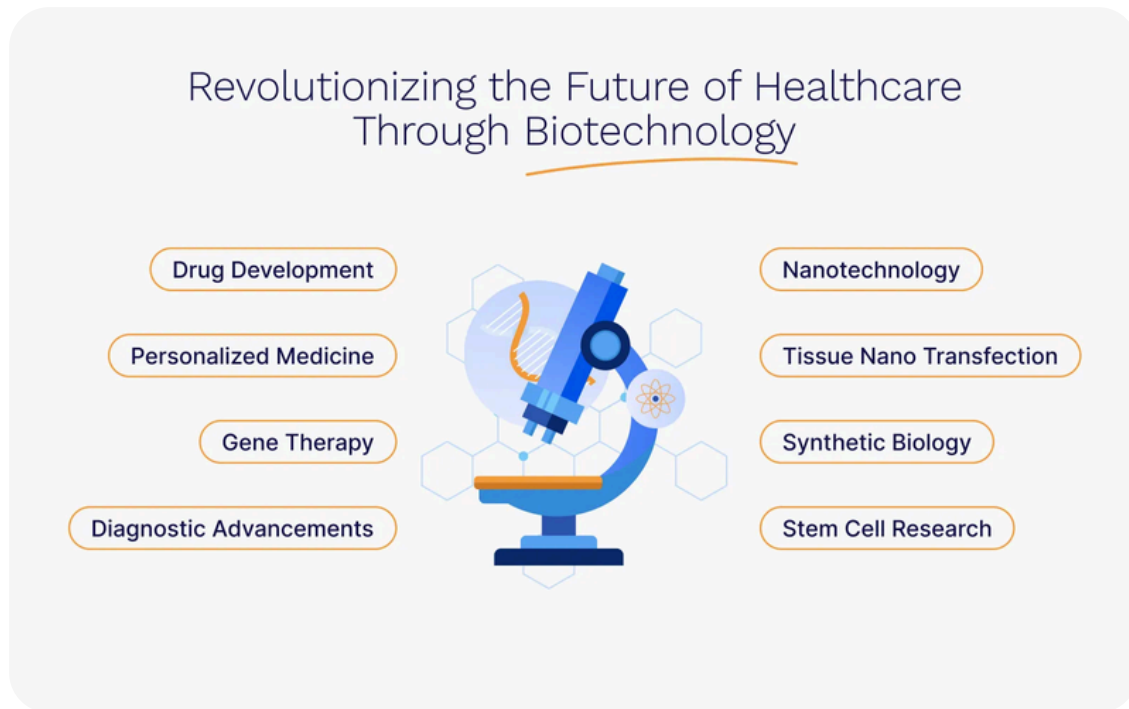
To be a center for academic excellence in the field of Computer Science and Engineering education to enable graduates to be ethical and competent professionals.

Department Mission

To enable students to develop logic and problem solving approach that will help build their careers in the innovative field of computing and provide creative solutions for the benefit of society.

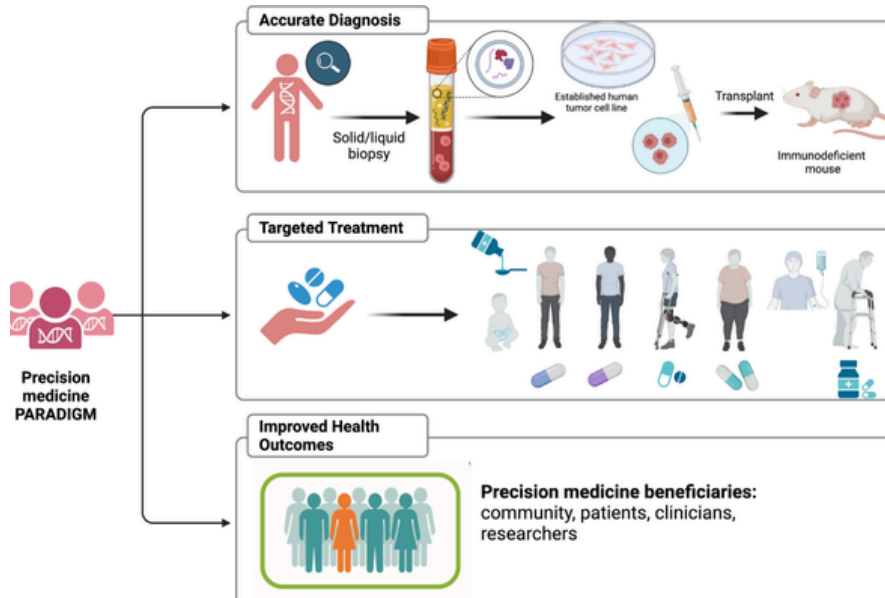
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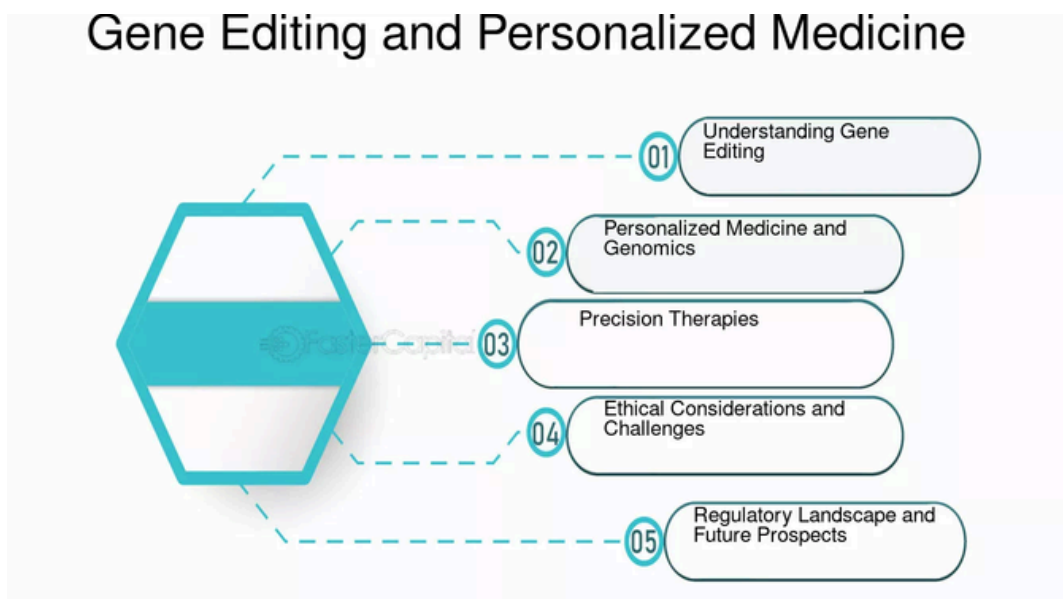


On February 18th, 2025, a new breakthrough in healthcare technology was announced: **BioAI MedTech**. This new startup has launched an **AI-powered platform** that is revolutionizing **personalized medicine**. By leveraging the latest advancements in biotechnology and artificial intelligence, BioAI MedTech is enabling personalized treatments that are not only more effective but also more affordable. What makes this platform truly remarkable is its ability to analyze an individual's **genetic makeup, lifestyle data, and health history in real-time**, delivering highly accurate, customized treatment plans. This cutting-edge platform outperforms traditional one-size-fits-all approaches to healthcare and is accessible at a fraction of the cost of conventional solutions.

The secret to BioAI MedTech's success lies in its approach, known as Precision Medicine with AI. This approach breaks down the complexities of human health into several manageable components. The platform collects patient data, including genetics and lifestyle, and uses specialized AI models to analyze it. A gating network selects the best AI expert to create a personalized treatment plan tailored to the patient's unique needs.



The AI-driven personalized treatment plans are not only more accurate but also cost-effective, as the platform efficiently uses only the necessary AI models based on the data it receives. This approach is scalable and can easily integrate new models or adapt to emerging medical insights. The use of **Precision Medicine with AI** enables BioAI MedTech to offer highly customized and **reliable healthcare** solutions with a fraction of the computational cost compared to traditional systems.



Despite challenges such as data privacy concerns and the complexity of training such advanced models, BioAI MedTech's approach demonstrates the power of combining biotechnology and AI to redefine the future of healthcare. The platform's ability to tailor treatments to individual patients is setting a new standard in the field of personalized medicine, making it one of the most promising advancements in the healthcare industry.