

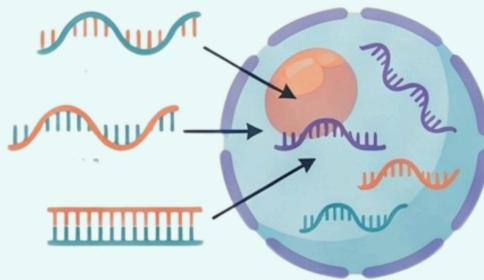
The Future of Biotech: 10 Key Trends for 2026



Trend #01

In Vivo CAR-T Turning the Body into a Bioreactor

Delivers immune cell instructions directly to the patient, eliminating complex lab work.



Trend #04

RNA Therapeutics Moving Beyond Vaccines

New RNA types are being developed to silence genes or replace missing proteins.



Trend #08

Single-cell & Spatial Analysis The Omics Revolution

Provide high-resolution maps of individual cells and their interactions within tissues.



Trend #05

Extracellular Vesicles The Body's Natural Delivery System

These tiny packages can carry therapeutic payloads and act as non-invasive disease markers.



Trend #09

AI in Drug Discovery

Accelerating the Path to New Cures

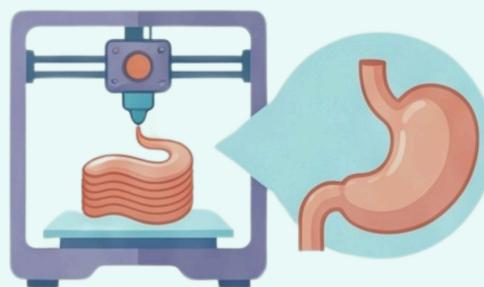
AI algorithms design novel molecules and optimise clinical trials, reducing cost and time.



Trend #02

In Vivo CRISPR Gene Editing without Surgery

Delivers gene-editing tools directly to target cells for permanent genome alteration.



Trend #06

3D Bioprinting Building Tissues on Demand

Create patient-specific models for drug testing and lab-grown tissue for transplantation.

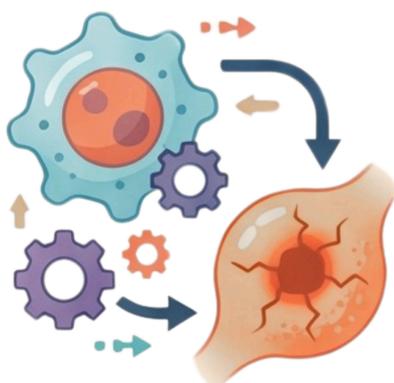


Trend #10

Global Collaboration

From the Lab Bench to the Bedside

Focus on turning academic discoveries into impactful products through global partnerships.



Trend #03

Engineered MSCs Creating Smarter, Targeting Cell Therapies

Modified stem cells can be precisely guided to sites of injury or disease.



Trend #07

Lab Sustainability Greener Science is Better Science

Focus on reducing energy use, minimising plastic waste, and using safer reagents.