European Commission

Health

The European Biotech Act

December 2025
#EU4Health #HealthUnion

KEY FIGURES

- The EU biotechnology industry has grown more than **twice as fast** as the overall EU economy.
- **75% of biotechnology jobs** in the EU are in health biotech, totaling 685 000 jobs.
- **21% of the world's top biotech publications** are authored by EU scientists.
- **40% of all medicines** sold in the EU are bio-medicines (including biosimilars).

WHY A BIOTECH ACT ?

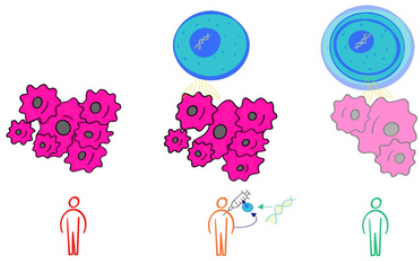
- **EU Competitiveness** - Enhancing the EU's ability to compete globally and as a leader in biotech.
- **Availability of treatments** - Accelerating the development and delivery of groundbreaking treatments.
- **Job Creation** - Creating thousands of quality jobs and boosting European economies.
- **Innovation and Investment** - Enabling innovative companies to thrive and drive healthcare and tech breakthroughs.
- **Biosecurity** - Ensuring clear rules preventing the misuse of biotechnologies.

THE EUROPEAN BIOTECH ACT WILL

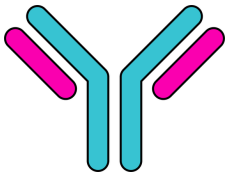
- **Accelerate and enable EU-clinical trials authorisations**
- **Encourage innovation** with increased support, one regulatory pathway and regulatory sandboxes
- **Support funding, investment** and access to capital, in a pilot together with the EIB Group
- **Boost bio-manufacturing capacity**
- **Foster the use of artificial intelligence (AI)** in health biotechnology
- **Enhance EFSA's capacity** to provide scientific advice to companies
- **Incentivise human and veterinary biotech medicine** with high added value
- **Reinforce security** by preventing the misuse of biotech and strengthen biodefence

HOW BIOTECHNOLOGY IMPROVES OUR LIVES

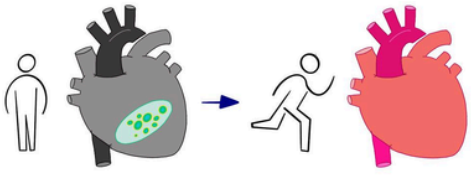
Examples of innovative health biotechnologies



CAR-T cells are engineered immune cells that recognise and destroy cancer. They can eliminate tumors quickly and may offer long-term remission or even cures.



Monoclonal antibodies are lab-made antibodies that help your immune system fight harmful or faulty cells, treating diseases from cancer to neurological conditions.



A smart stem-cell heart bioengineered patch places healing stem cells directly on damaged heart tissue to aid repair and reduce scarring.

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