

Biopharmaceuticals

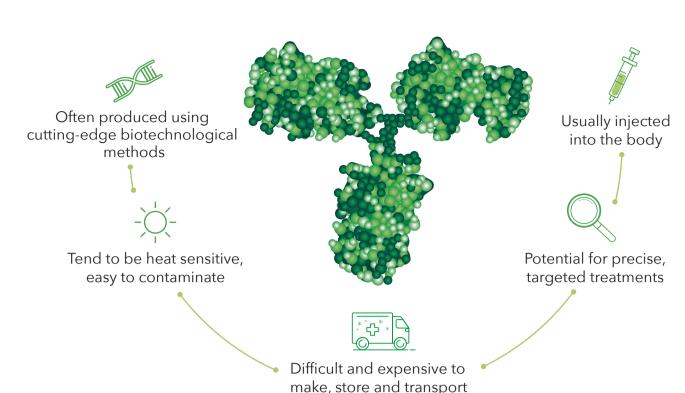
Advancing more treatment options for patients

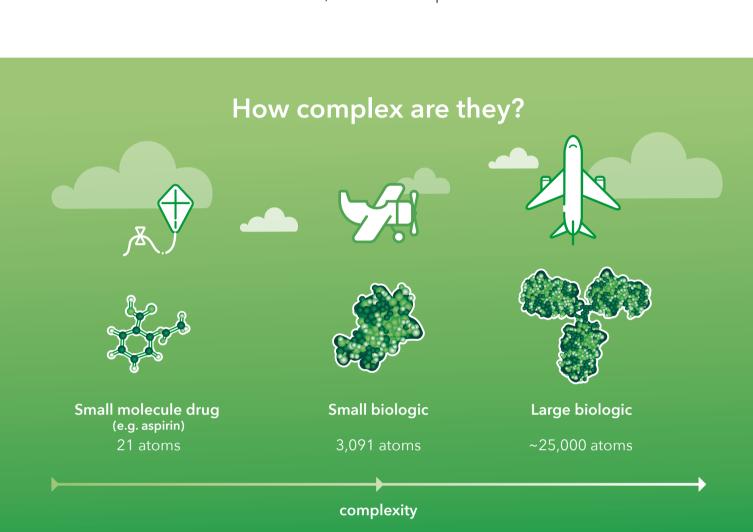


teva



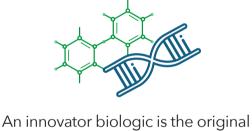
Complex medicines made from living cells or organisms





Two classes of biopharmaceuticals

Innovator biologics



version of a biopharmaceutical treatment. It is approved based on, among other things, a full complement of safety and effectiveness data.

Biosimilars



A biosimilar is a biopharmaceutical that is highly similar to a specific innovator biologic. It has no clinically-meaningful differences in terms of safety, purity and potency.

Biosimilars in numbers

Biologics in numbers

insulin becomes

the first biologic cleared for human use



spending goes to biologics, but only 2% of patients use them

a quarter of US national prescription

59%

of all biologic sales are in the US - the

world's biggest market

2006

the first biosimilar is approved in Europe (a human growth hormone)

of all biosimilars are sold in Europe

average price difference

between a biosimilar and a biologic

types of biopharmaceuticals?

What are some of the different

Cytokines (impacts the interactions and communications

between cells)

antibodies (fights disease like natural antibodies)

Monoclonal

Enzymes (speeds up

biochemical reactions)

Immunomodulators (affects

response)

immune



Sandra Deponte, Senior Production Manager, Teva Biotech

Take a tour of our biopharmaceutical plant in Ulm, Germany,

Watch the video here

and meet some of the scientists growing the treatments.