

The Next Big Thing in Biological Drug Delivery

Global biopharmaceutical market value in 2017

\$185B

Biologics in development

2700+

Biologics in top 100 drugs sales by 2022

50%

The Biological Drugs Market

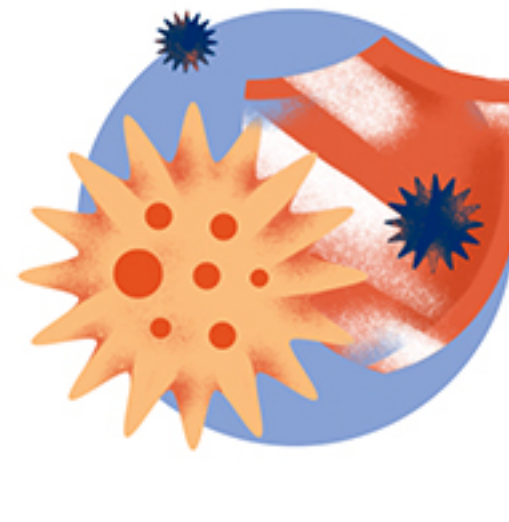
Key R&D Development Areas



Personalized medicine



Oncology



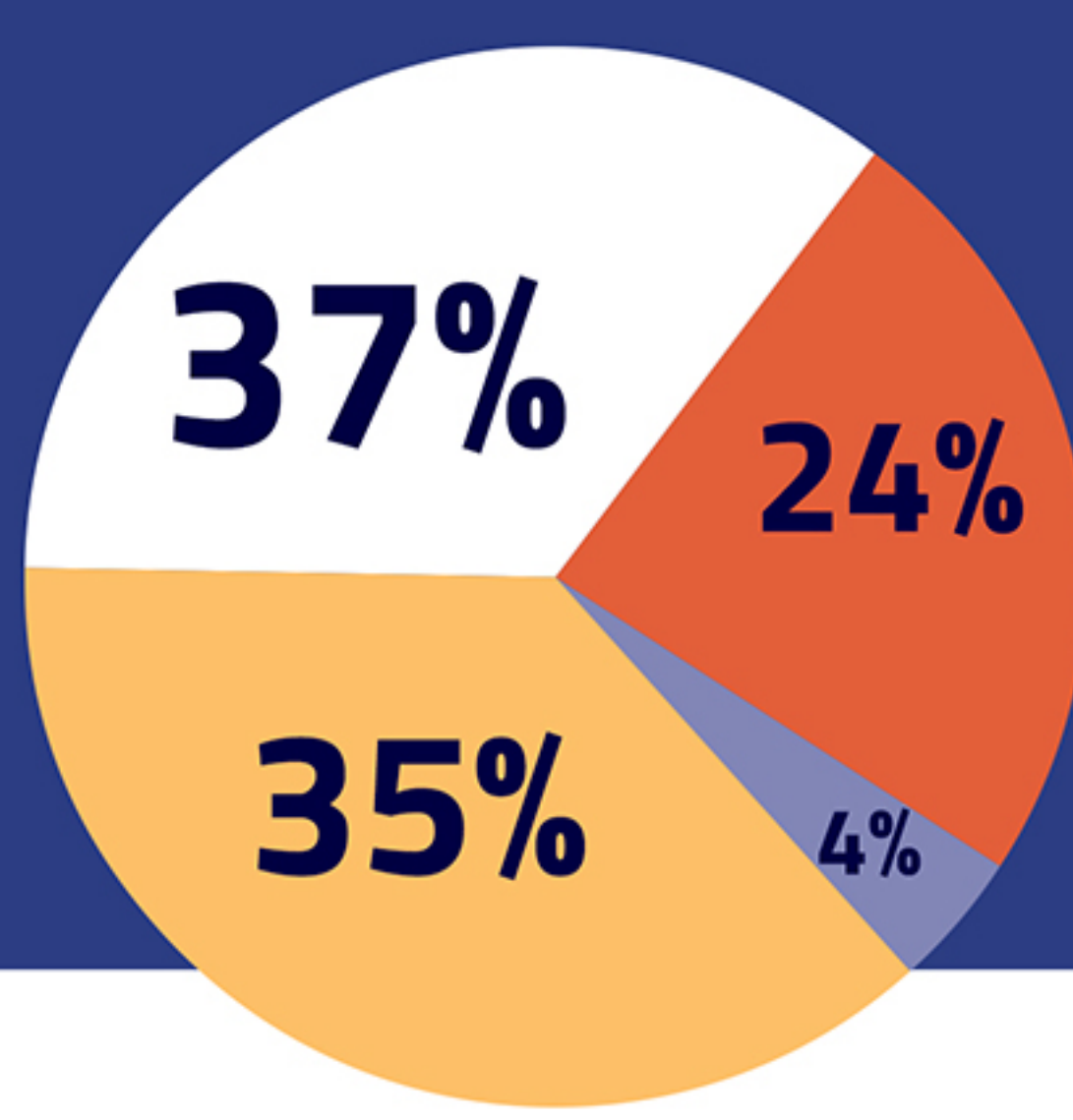
Immunotherapy



Rare diseases

Product Pipeline

- Monoclonal antibodies
- Vaccines
- Gene & cell therapy
- Recombinant proteins



Future Goals



- Develop alternatives to invasive routes
- Adapt manufacturing processes to small patients groups
- Lower treatment costs

The Next Big Thing: Oral Delivery of Biological Drugs

Today



Current Main Administration Form

Parenteral administration

Tomorrow



Future Aim

Oral delivery of biologics

Advantages of Oral Drug Delivery

- Patient comfort



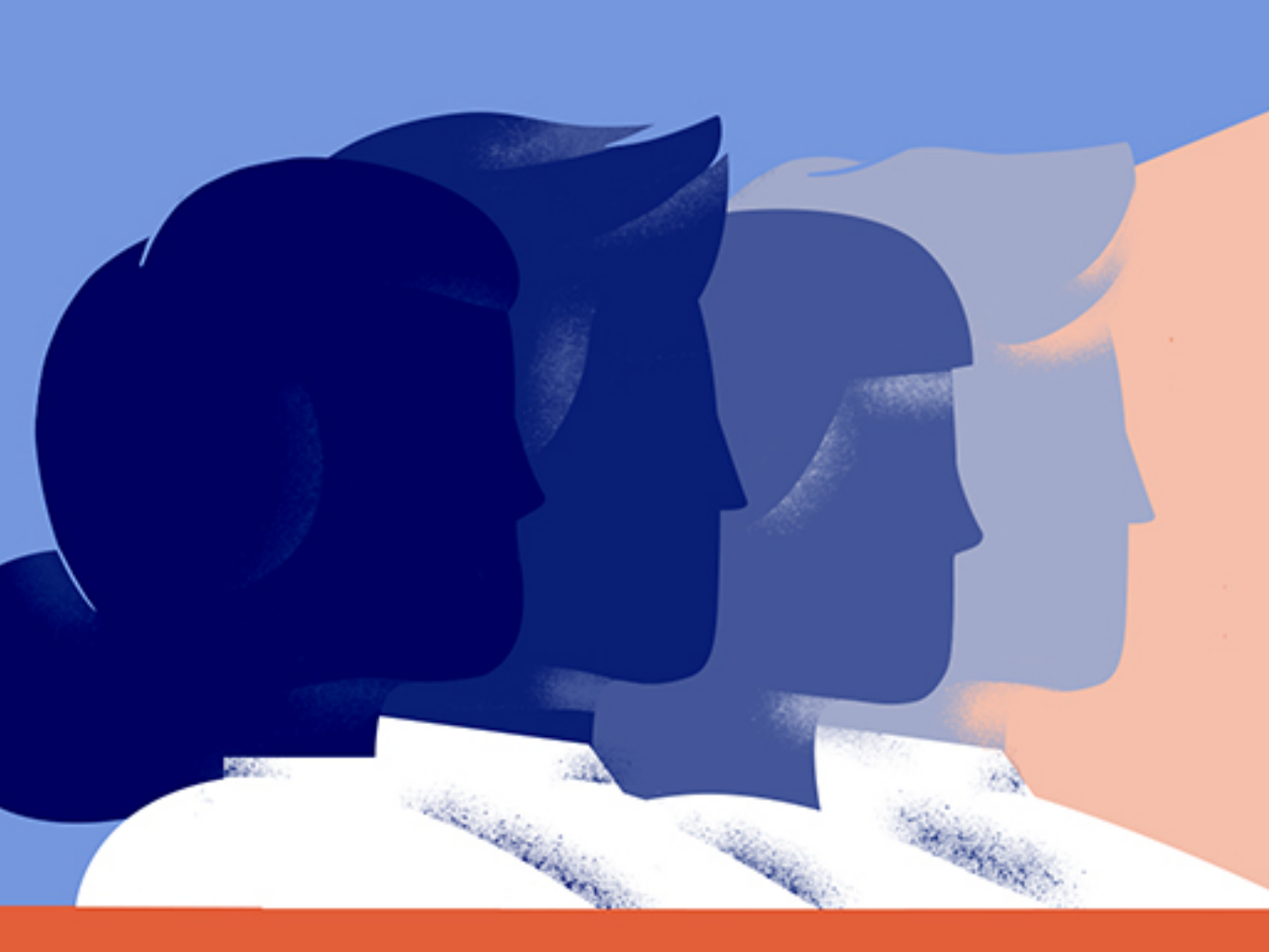
- Self-administration



- Lower manufacturing & treatment costs



Facing Challenges with Novel Solutions



Challenges:

- Spray & freeze drying of biologic solutions
- Absorption enhancers & nanoparticles
- Achieving chemical stability in GI tract

Novel Solutions:

- Developing multiparticulate dosage forms
- Upscaling biologics preparation



"Our strong experience in formulation development enables us to offer suitable solutions for efficient dosage forms. Our goal is to comply with the expectations of the authorities, industry, healthcare practitioners and patients. Eurofins Amatsigroup (CDMO) is engaged to contribute and give access to those innovative treatments via oral drug delivery development. We deliver your drug!"

Jo Vercammen, Biopharmaceutical Development Manager at Eurofins Amatsigroup

Contact Eurofins Amatsigroup (CDMO)

sales.cdm@amatsigroup.com www.eurofins.com/cdm

Sources

- Eurofins Amatsigroup (CDMO)
- Healthcare Dive
- Grand View Research
- Evaluate Pharma Group
- Frost&Sullivan
- Cision PR Newswire
- Statista

Want to work with us?
Reach out to contact@labiotech.eu

Text: Larissa Warneck
Design and images: Elena Resko

Created with love at labiotech.eu

