Ireland is the 5th largest exporter of pharmaceuticals globally.²

Exports of €73 billion.¹

Biopharmaceutical companies in Ireland

85+

Activities undertaken in Ireland

→ Manufacturing
→ Research and Development
→ Manufacturing Process Development
→ Regulatory Affairs
→ Supply Chain Management
→ Quality Activities
→ Clinical Trial Management (CRO)
→ Software Development
→ Global Shared Services
→ Data Centres
→ Digital & Data Analytics
→ Contract Manufacturing Organisation (CMO) Management

Dynamic Growth

Biologics manufacturing sites in Ireland:

<table>
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<th>2003</th>
<th>2020</th>
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All of the world’s Top 10 pharmaceutical companies have substantial operations in Ireland.

Technological Diversity

Manufacturing excellence in drug substance and drug product.

Small molecule and biologics.

€5 billion capital invested in 5 years in new biological production capacity in Ireland.

Irland is the 5th largest exporter of pharmaceuticals globally.²
Regulations & Standards

Strong and transparent regulatory framework provided by Ireland’s regulator HPRA, EMA and FDA.

Cultural of excellence in compliance and regulatory track record.

R&D/Training

Circa €2 billion invested in Biopharma R&D by IDA client companies annually.

Key Priority Areas:
- Process Optimisation
- Commercialisation
- Digitalisation
- Scale Up
- Competitiveness

Talent Availability

Ireland has the youngest population in the EU. One-third aged under 25.

Ireland’s education system ranked in the top 10 in the world.

24% of graduates were in the areas of Natural Sciences, Mathematics, ICT, & Engineering.

World class training in research solutions for the bioprocessing industry.

Strong and transparent regulatory framework provided by Ireland’s regulator HPRA, EMA and FDA.

Cultural of excellence in compliance and regulatory track record.

R&D & Training Infrastructure

World class training in research solutions for the bioprocessing industry.

Biologics and small molecule space

Center for Cell Manufacturing, NCIG

EI Research Centre for Smart Manufacturing

R&D in Agri-Food Sector

Key Academia Industry Collaboration Centres

Advanced Materials + BioEngineering Research

Mechanical Engineering

Applied Polymer Technologies

Institute of Medical and Molecular Research

Enabling Clinical and Translational Research

Software Research

Consolidating research in the chemical, pharmaceutical and biopharmaceutical sciences

Data Analytics

Research Institute for Diet, Medicine and Microbiome

Global Pharmaceutical and Biotech Process Research Company

Diagnostics, Precision Therapeutics + Immuno

Productivity and Sustainable Manufacturing Solutions

Advanced Technology Solutions in Pharmaceutical Manufacturing

Why Ireland for the Biopharmaceutical Industry?

Regulatory Stability

Talent

Sub-Supply Capability

Track Record

Manufacturing Excellence

Research & Training Collaboration

Connected Research

Ease of Doing Business

Sources


For more information contact IDA Ireland

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