



Biopharmaceutical Industry in Ireland



Small Molecule Manufacturing



Biologics Manufacturing



Services



Advanced Therapeutics



Manufacturing Excellence

Manufacturing excellence in **drug substance and drug product**

Focused research on chemical and biologics processing

Small Molecule, Biologics and Advanced Therapeutics

Ireland is one of the largest net exporters of pharmaceuticals in the world

Over €5bn in current biopharma investments under construction today

8 of top 10 pharmaceutical companies have substantial operations in Ireland

Regulations & Standards



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



100+ biopharmaceutical plants located in Ireland, the majority of which are **FDA approved**



Culture of excellence in compliance and regulatory track record

Design & Construction Capabilities

- ✓ Excellent track record of Biopharma facility design and Construction over the last 60 years with **over 5 billion euro of investment** across 15 sites currently ongoing.
- ✓ A diverse service **providing end to end expertise across engineering, procurement, construction management, commissioning, qualification and validation.**
- ✓ Engineering operations in Ireland providing expertise to strategic **industrial projects across the globe.**

R&D and Talent Availability



57% of employees in the Biopharma sector are third level graduates. The sector is the highest employer of PhD graduates: **25% of all PhD graduates in Ireland are employed** in the Biopharma industry



Ireland has one of the **youngest populations in the EU**, One-third aged under 25



Ireland's education system **ranked in the top 10 in the world**



OECD figures show Ireland as **first in the world** for labour productivity



Ireland has the **highest level of STEM graduates** per capita in the EU among 20-29 year olds.

R&D & Training Infrastructure



Key Priority Areas:

- ✓ Process Optimisation
- ✓ Commercialisation
- ✓ Digitalisation
- ✓ Scale Up
- ✓ Competitiveness
- ✓ Sustainability

NIBRT – National Institute for Bioprocessing Research & Training



The National Institute for Bioprocessing Research and Training (NIBRT) is a **world-class institute** whose mission is to deliver training and research solutions for the global biopharmaceutical manufacturing industry. NIBRT was established in conjunction with IDA Ireland, to promote world-class biopharma investment in Ireland.



Opened in 2011, NIBRT's research and training facility features **state-of-the-art pilot scale manufacturing facilities**, with extensive upstream, downstream, fill-finish, associated analytical facilities and process utilities. It is a realistic **GMP-simulated operational manufacturing environment**.



NIBRT trains and educates c.5,000 people annually to work in all areas of bioprocessing and collaborate with industry on scientific research to drive biopharma innovation and support major biopharma investment in Ireland.



Recent Announcements:

- ✓ In May 2024, NIBRT announced the opening of its new facility. This €21m project is supported by the Irish Government through IDA Ireland and is dedicated to research and training in Advanced Therapeutics.
- ✓ The facility also houses a €6.5m SFI/IDA co-funded research facility called CONCEPT, which is dedicated to the early-stage development of biologic therapies.

Partnering with you

As Ireland's inward investment promotion agency, IDA Ireland is by your side to help you set up and grow your business in Ireland.

Our free and confidential client service includes:

- Dedicated IDA Ireland Account Manager
- Long-term after-care service supporting the Irish operation into the future
- Introductions to peer companies
- Access to government
- Connections with industry associations
- Collaboration with 3rd level institutions
- Hosting tailored fact-finding visits
- Information gathering, analysis and evaluation
- Funding programmes and incentives
- PR and media support
- Employment permits and visas
- Property solutions



For more info, please visit our [website](https://www.idaireland.com)

