

A world-first: **A pre-approved
fully permitted Biopharma campus**
with unparalleled flexibility

BIOPHARMA CAMPUS IRELAND

ORANMORE GALWAY

Your company can construct its own unique Biopharma Campus **NOW**. This flexibility is your answer to fast entry to the Biopharma market.

Flexibility

Planning permission (permit) has been achieved for a fully integrated facility including all Biotechnology operations

Bulk fermentation

Harvest and purification

Sterile fill finish

All necessary support functions:

warehousing

laboratories

waste water and water treatment facilities

H.T. electricity and natural gas

The facility is designed to be a flexible multi-product, multi-process campus suitable for a range of investors, principally multi-national Biopharmaceutical Corporations.

The 67 acre site is situated in Oranmore, Co.Galway.

The planning permit specifically provides sufficient design and layout flexibility enabling the nature and scope of the advance Campus to be tailored for any biopharma investor.

Flexibility is delivered in four ways:

The planning permission (permit) imposes no restrictions on internal layouts or process configurations including the number of floors or floor levels within the buildings.

Any combination of buildings or a selected subset of these buildings can be built. Your campus can be as little as 50,000 sq. ft or as much as 500,000 sq. ft (approx).

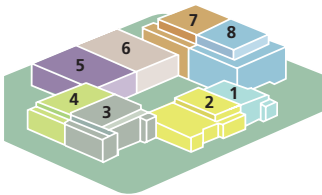
Full flexibility in the layout or disposition of items of internal or external plant or equipment is allowed.

The approved building can accommodate 5,000 to 50,000 litres fermentation capacity as well as fill finish activities ranging from vials, syringes and ampoules with or without lyophilisation.

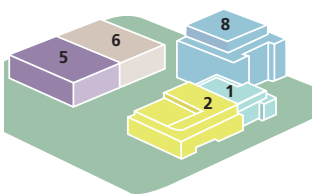


Build out options

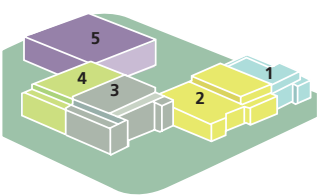
A full site development



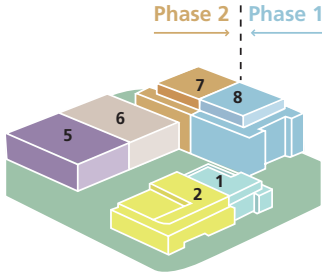
C medium fermentation



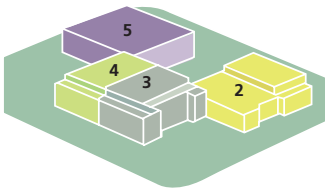
E large scale fill finish (only)



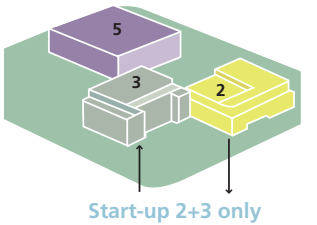
B large scale fermentation (only)



D small scale fermentation (perfusion technology)



F small fill finish + start-up 2&3 only



Typical options	1	2	3	4	5	6	7	8
A full site development	•	•	•	•	•	•	•	•
B large scale fermentation	•	•			•	•	•	•
C medium fermentation	•	•			•	•		•
D small scale fermentation		•	•	•	•			
E large scale fill finish only	•	•	•	•	•			
F small fill finish + start-up 2-3 only		•	•		•			



Technical Specifications



Technical Brief

Bio Reactor Capacity

up to 50,000 litres

Fill Finish Capacity

Up to 3 lines of vials, syringes ampoules
(including Lyophilisation)

Utilities Capacity

2000m³/day water in and water out

HT Electricity

up to 20mva(+/-)

Competitive Edge

A unique proposition offering an instant start on site thereby saving considerable planning time, expense and ultimately reduced time to market.

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What is the competitive advantage?

Construction Ready Site

Allows delayed Investment Decision by 1 year minimum

Significantly removes risks to Project

Welcome by Local Agencies and Environment

All technical issues identified and solved in advance

High Quality Manufacturing Environment supported

by a University City

Low Corporate Tax

Galway offers:

Excellent skills availability

Airport

Mainline Rail

Motorway Link

National University of Ireland, Galway
and 3rd Level Technology Institute

High quality of life

The Global location of choice for the Biopharma industry

Wyeth®



Schering-Plough



ALLERGAN



genzyme



centocor

...already home to the world's leading pharmaceutical companies



NOVARTIS



GlaxoSmithKline



Bristol-Myers Squibb



Head Office
IDA Ireland
Wilton Place
Dublin 2
Ireland

Tel: + 353 1 603 4000
Fax: + 353 1 603 4040
Email: idaireland@ida.ie
Web: <http://www.idaireland.com>

USA
345 Park Avenue, 17th Floor
New York,
NY 10154-0004

Tel: (212) 750 4300
Fax: (212) 750 7357

Europe
Germany
Bockenheimer Landstraße 39
D-60325 Frankfurt a.M

Tel: (69) 70 60 99-0
Fax: (69) 70 60 99-70

Japan
Ireland House 2F
2-10-7 Kojimachi
Chiyoda-Ku
Tokyo 102-0083

Tel: (3) 3262 7621
Fax: (3) 3261 4239

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