

# Innovative Technologies to Dramatically Expand Global Access to Biotherapeutics

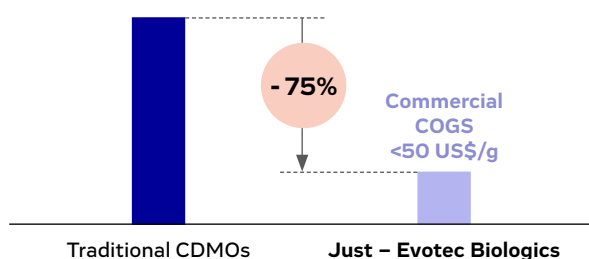
Just – Evotec Biologics is applying deep industry knowledge and machine learning-driven solutions to biologics design and manufacturing.

## The Just approach

Just – Evotec Biologics is a unique platform company that integrates the design, development, and continuous manufacture of biologics, particularly antibodies. Utilizing J.DESIGN, Just is able to accelerate development and provide superior manufacturing process control for higher quality molecules, reducing the time to the clinic.

J.DESIGN centralizes and integrates highly complex data sets generated from the diverse activities involved with the development and manufacture of biologics into a singular design space. Our cGMP facilities use modular clean room technology and integrated continuous manufacturing platforms for production of antibodies, next generation biologics, and biosimilars. Our cost-efficient biomanufacturing helps clients to achieve reduction in COGM (Cost of Goods Manufactured) as low as \$50 per gram. Speed and cost no longer come at the expense of quality.

Our Continuous manufacturing platform greatly reduces Costs of Goods Manufactured



## The team

- ▶ Deep experience combined with our unique integrated approach positions Just as a flexible, knowledgeable partner you can trust.
- ▶ Leadership combines >100 years of experience in the biopharmaceutical industry
- ▶ Direct involvement in the development and commercialization of many important biologics for highly regulated markets
- ▶ Designing, building, and supporting multiple clinical and commercial biomanufacturing facilities for >30 years

**"At Just – Evotec Biologics, collaboration and innovation are at the heart of everything we do. We also understand that biotherapeutics development is a unique journey and that's why we offer partnership opportunities at every step of the development phase – from discovery to market supply."**

Linda Zuckerman, EVP Global Head of Biotherapeutics & Site Head, Just – Evotec Biologics



# J.DESIGN

An integrated technology platform leveraging machine learning and analytics in biologics development and manufacturing

## J.DESIGN services – more than a CDMO

Just – Evotec Biologics offers a true partnering experience through a suite of biotherapeutic research and development services tailored to meet your needs. Clients and collaborators can select specific or expanded services from our J.DESIGN Technology Platform, including J.HAL, J.MD™, JP3®, and J.POD®. The integration of the J.CHO High Expression System with our continuous bioprocessing platform ensures high titers, exceptional product quality, and reduced Cost of Goods Manufactured (COGM).

### J.HAL – For superior antibody therapeutics

*Machine learning derived human repertoire; large and diverse libraries, biased for developability.*

### J.MD™ Services – Optimizing Molecules

*Smart design de-risks your investment in a potential therapeutic*

Utilizes a proprietary suite of predictive Computational Tools in combination with high throughput Analytics to derive superior molecules. Optimizing the design of therapeutic monoclonal antibodies is the most powerful Lever for enhancing speed of development and Lowering manufacturing costs.

- ▶ Sequence Evaluation for improved Lead selection, humanization and germline background diversity.
- ▶ Enhances productivity, manufacturability, and formulation stability.

### JP3® Services – Optimizing Processes

*High throughput technology to rapidly deliver robust and efficient manufacturing processes*

Our experienced team of scientists and engineers offer the complete range of activities to fully develop a quality biotherapeutic.

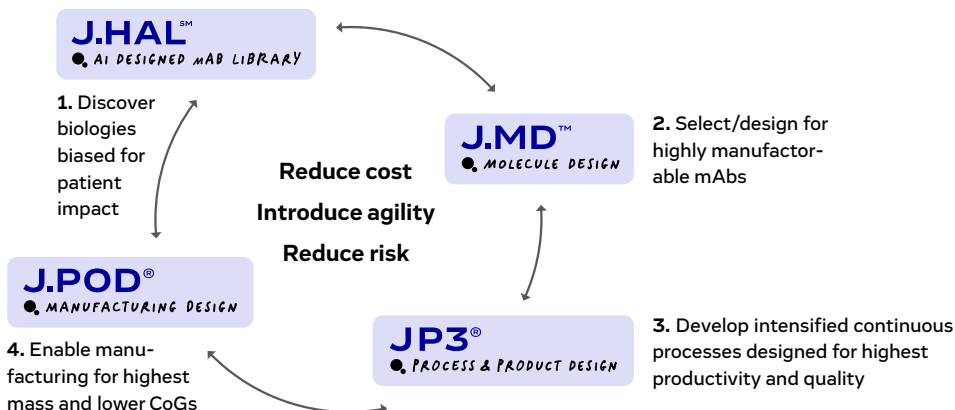
- ▶ J.CHO™ cells achieve exceptionally high antibody titers of over 4 g/L/day in perfusion, equivalent to approximately 30 g/L in fed-batch.
- ▶ Powerful analytical tools to guide development formulations Design from clinical to commercial FIH Process
- ▶ Development and Manufacturing with fastest timelines <12 months.

### J.POD® Services – Optimizing Manufacturing & Plant Design

*Quality biotherapeutics for all*

J.POD® uses disposable technologies and continuous manufacturing to create a flexible, deployable, and cost-effective manufacturing solutions.

- ▶ Continuous manufacturing format.
- ▶ GMP cell banking for both master and working cell banks.
- ▶ Drug substance and drug product manufacturing.
- ▶ Unique manufacturing Facility design solutions the client can implement.
- ▶ Expert consulting for a J.POD® designed facility – design phase through regulatory approval, as needed by the client.



## The J.DESIGN difference

- ▶ Superior molecules
- ▶ Reduced manufacturing costs
- ▶ Flexibility in products and capacity
- ▶ Geographically deployable



# Global Manufacturing Network

The global Just – Evotec Biologics network includes two US-based and one EU-based sites, providing comprehensive biotherapeutics discovery, development, and cGMP biomanufacturing services from early clinical to commercial stages. Leveraging the Evotec network, we support integrated antibody/biologics activities and benefit from Evotec's expertise in preclinical, IND-enabling tox, and early-stage clinical services.



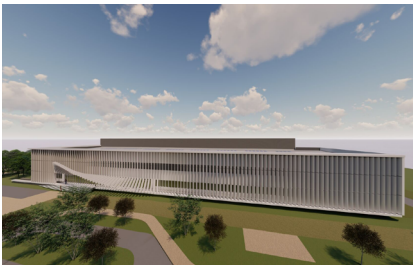
## J.PLANT Seattle, Washington, US

- ▶ 500L SUB
- ▶ Phase I – Clinical
- ▶ Over 34 runs
- ▶ 100% success years



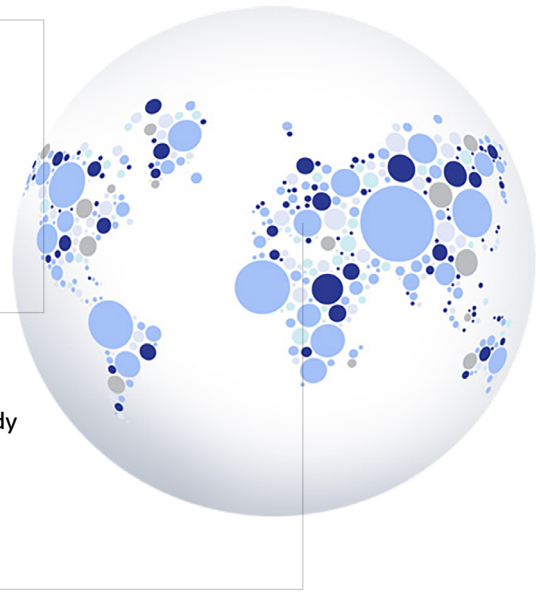
## J.POD® Redmond, Washington, US

- ▶ 500L & 1,000L SUB
- ▶ Phase I to Commercial-Ready



## J.POD® Toulouse, France, EU

- ▶ 500L & 1,000L SUB
- ▶ Phase I to Commercial-Ready
- ▶ Expected CQV 2025



## Helping to reduce the environmental footprint of biomanufacturing

Just – Evotec Biologics' highly intensified continuous manufacturing platform allows our J.POD facilities to be cost-effective and energy-efficient. More intensified processes reduce clean room footprint requirements and the need for utilities, significantly lowering energy consumption compared to traditional methods and enhancing sustainability and operational efficiency.

