



ThermoFisher
SCIENTIFIC

Products and services focused on getting you optimal results

The world leader in serving science



70,000

Employees globally



5,000

R&D Scientists/Engineers



\$1B

invested in R&D



\$22B

in revenues

The world leader in serving science

A Mission we are proud of



We enable our customers to make the world
healthier, cleaner and safer

A commitment to scientific advancement



We offer products and solutions that enable customers to push the boundaries of innovation

- Customer focus
- Leading portfolio
- Scale of capabilities

Dedicated to innovating, designing and enhancing culture media and supplements

- **Difco™ supplements are now part of the Gibco™ cell culture portfolio**, which offers a full line of supplements, feeds, and cell culture media for the biotechnology, biopharmaceutical, and animal and human vaccine markets.
- The Difco product brand was established in 1895 and represents **more than a century of knowledge** in innovating, designing and enhancing culture media and supplements.
- To date, our peptones and supplements have been used in the manufacture of more than **150 biopharmaceutical drugs** in the human and animal health markets.
- Combined **commitment to innovation and product consistency**.



Our products and services focus on getting you optimal results

Products

Supplements and specialty media

Consistent performance with low variability



Services

Media design and optimization

Full access to our expertise to enable faster development time



Manufacturing

State-of-the-art bioproduction media manufacturing

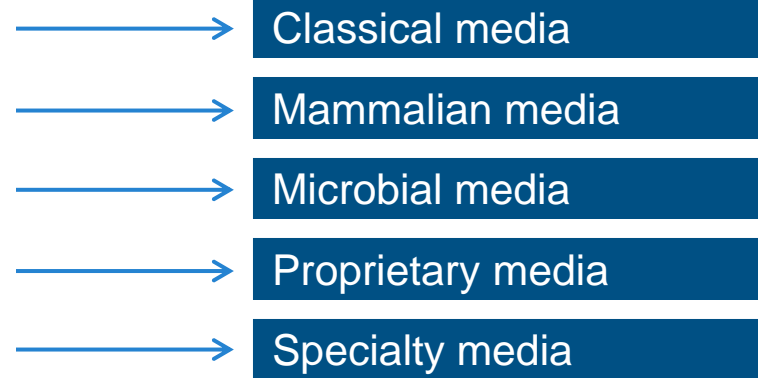
Scalable operations certified ISO:9001



“End-to-end” technical and life cycle support

Tailored for success in bioproduction applications

- Peptones and supplements: Our broad range of unique animal origin and animal origin-free peptones (hydrolysates) along with chemically defined supplements help enhance complex media formulations to improve titer and maintain quality.



Supplements work
across many catalog or
proprietary media

Technical guide to peptones, supplements, and feeds

Provides technical and analytical data for all products



Tailored for success in bioproduction applications

- Catalog and specialty media: Our catalog cell culture and microbial media help you achieve optimal production yields while minimizing medium development timelines.
- Our expansive proprietary media library is formulated for a number of cell lines and applications and is available through consultation and services.

Recombinant proteins

Biosimilars

Monoclonal antibodies

Enzymes

Vaccines



Optimized for
critical applications

Enabling biopharmaceutical development

- Our supplements are used in the manufacturing of more than 150 commercial biotherapeutics, with hundreds more in the pipeline.



Customizable solutions for your media and feed development needs

Media enrichment services

For customers seeking to enhance the performance or reduce the variability of existing media.

2–4 months

Supplement screen Medium enhancement Feed strategy development

Media design services

Ideal for customers looking to build new media specific to their cell lines and optimized to their application.

2–4 months

Media library panel screen

4–6 months

Full medium design

6+ months

Full medium design and feed development

Media bioproduction services

Services for customers interested in manufacturing bench- and production-scale media.

<10 business days

Rapid media production*

1–2 months

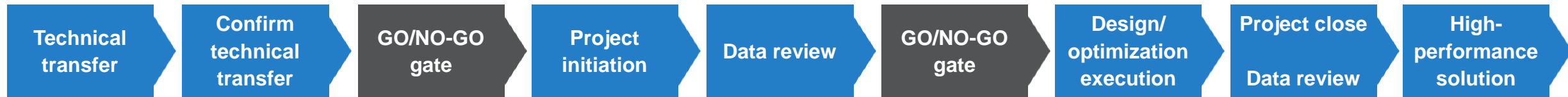
GMP pilot production

2–5 months

GMP custom media production

*Non-GMP pilot production; additional time needed for shipping.

- Ensuring transparency and customer engagement throughout the development process
- Proven methodology to deliver results in a predictable timeframe



Custom media manufacturing

- **Quality systems:** Supporting the Thermo Fisher mission to enable our customers to make the world healthier, we lead the industry in quality practices and procedures which are based on the stringent needs of biopharmaceutical manufacturers.
- **Experience:** We have a century of experience in designing, developing, and manufacturing high-quality custom culture products.
- **Expertise:** Our media development experts evaluate each custom media formulation to ensure it is manufacturable at both pilot and production scale.
- **Scalable capacity:** Leveraging the latest technology and scalable custom-production facilities, we meet the demands of our customers throughout their product life cycles.
- **Reliable network:** We have a robust cell culture manufacturing network, including our Miami location—the only dedicated animal origin-free to the tertiary level facility.



Our focus is simple

- Developing and manufacturing high-quality cell culture media and supplements

“Facility is beautiful and well organized. It shows you are taking responsibility for being a pharmaceutical supplier.”

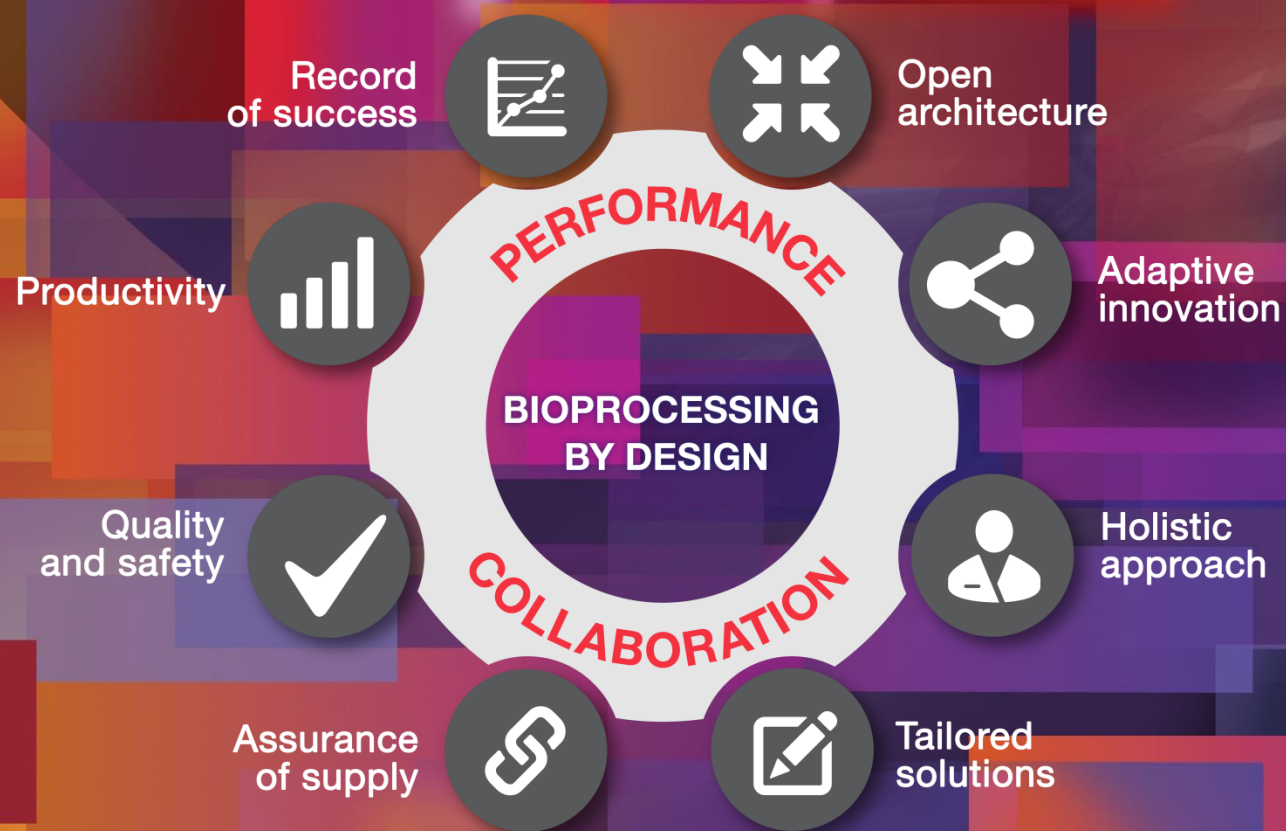
– Pharmaceutical company

“Excellent pharma-like facility.”

– Biologics laboratory

“Impressed how Gibco has taken and built quality measures into all procedures.”

– Pharmaceutical company



Let's move forward together

ThermoFisher
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