Portfolio Overview - Cell Processing



Helping your cell therapies succeed through our reach and resources.

Every step of the way, it's personal.

DOMINIQUE DUTSCHER SAS



DOMINIQUE DUTSCHER SAS

Reduce the time, cost and complexity of your therapy.

Our unique combination of automated instrumentation, reliable reagents, and consultative support accelerates your efforts from cell recovery to reformulation. With GE's continuous innovation, and breadth of solutions you'll gain visibility and control of your process, so you can pursue personalized medicine with lower risk and greater efficiency.



Isolation

Automate multi-step processes for bead- or density-based enrichment of various cell types



Expansion

Minimize overall time in optimized cell culture environment with in-line control, and automation



Harvest

Streamline operations while maintaining flexibility for wide volume range and multiple parameters



Formulation

Control and customize product formulation by adding stabilization agents, splitting doses, and regulating temperature



Cryopreservation

Simplify freezing and thawing in cleanroom-compatible systems to preserve cell viability, and function

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Cell therapy systems that scale every way you need to.

GE's cell processing systems feature automated, functionally-closed technology that decrease your risk of deviation from standardized processes by reducing hands-on operator time. Our approach allows you to bring formerly discrete steps together, saving time, and resources.



VIA Freeze™ Controlled Rate Freezer

- Liquid nitrogen-free system is compatible with cleanroom
- Full traceability suitable for use in a regulated environment

Cryopreservation



Sepax™ C-Pro Cell Processing System

- Fits into your workflow, including, cell types, process steps or lab space
- Provides multiple protocols and single-use kits for isolation, washing, and dilution
- Simplifies your processing steps to get you to market faster

Isolation Harvest



Xuri™ Cell Expansion System W25

- Process monitoring, and remote operation through system software
- Supports use in regulated environments
- Functionally-closed system with single-use consumables to optimize cell culture environment

Expansion

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Sefia™ Cell Processing System



- Provides flexible protocol features and volume ranges to streamline your workflow
- Instrument, protocol and kit constitute a functionally-closed system to enhance automation
- Full traceability to fulfill environmental monitoring needs

Isolation Harvest Formulation

VIA Thaw™ Automated, Dry Thawer



- Automate thawing process, and obtain consistent results with pre-set profiles
- Simplify maintenance, and cleaning by using dry technology

Cryopreservation

Cell culture media and reagents that grow more successful outcomes.

GE cell culture media and reagents create more reproducible results that reduce the need for revalidation. Our focus is to simplify preparation, minimize process development time, and improve scale-out capacity.



Xuri Growth Factors IL-2, IL-15, IL-21

- Meets regulatory manufacturing requirements following USP <1043> for ex vivo cultivation
- Minimized process development time, and improved scale-out capacity

Expansion



Xuri T Cell Expansion Medium

- Rapid cell proliferation for faster manufacturing
- Integrated tubing and ports allowing functionally-closed system connections
- Dedicated cell therapy ancillary product following USP<1043> for ex vivo cultivation

Expansion



Ficoll-Paque™ PREMIUM

- Ready-to-use sterile density gradient media for the preparation of mononuclear cells from peripheral blood, bone marrow, and cord blood
- Manufactured under a Quality Management System certified to ISO 13485:2012
- Low levels of endotoxin (< 0.12 EU/mL) secured, and tested

Isolation

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Enterprise solutions for cell therapy

Put the power of GE to work for your therapy. Our process expertise, end-to-end ecosystem of next-generation equipment, turnkey manufacturing solutions, and comprehensive services can help bring your therapy to the world at scale.

FlexFactory™ platform

Achieve reproducible, and scalable manufacturing by adding integrated, functionally closed processing. We can convert your existing lab or build a new suite.

KUBio™ facility

One or more fully configurable, pre-fabricated FlexFactory suites let you control critical capacity decisions, and dramatically reduce time-to-market. Build a complete, and qualified facility at a new site in 22 months.



Fast Trak™ Services

Let us bridge the gap between your research protocols, and industrial manufacturing through our process development services run in collaboration with the Centre for Commercialization of Regenerative Medicine in Toronto, Canada.

Fast Trak™ Digital Solutions

Integrating FlexFactory equipment with semi-automation, and digital capability allows you to better control, and optimize your processes.

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Our commitment is to expand the reach of cell therapy

As the cell therapy industry evolves, new technology, and infrastructure will enable the scaling of biologics to meet growing global demand. GE Healthcare's focus is on enhancing our tools today to help target, and answer the toughest challenges in the future.

gelifesciences.com/celltherapy

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