

Unleash the  
power of cell therapy.

CORNING





When it comes to creating breakthrough cell therapies, nobody has all the answers. That's why Corning is committed to helping you orchestrate groundbreaking discoveries in the lab.



## Compose

Whether it's developing new solutions or determining a novel way to configure existing products, our experienced applications team will help you develop an end-to-end solution that delivers viable cells and high yields.

**We have experience supporting customers with:**

- Scale-up and scale-out workflow designs
- Surface selection
- Media selection
- Process and protocol development
- Closed-processing system development

Working alongside our customers, our goal is to help transform research into life changing discoveries.

## Scale

As a leader in cell culture, Corning provides platforms that scale predictably and with ease. Our advanced cell culture solutions work in harmony to ensure cell viability, reproducibility, and regulatory compliance.

From microcarriers to advanced surfaces and stacked vessels, our cell therapy portfolio allows you to efficiently expand and scale-up cells for research and production. Choose from hundreds of vessels including flasks, roller bottles, stackable vessels, and microcarriers.

Should you need a surface treatment, you can select from the widest variety of cell culture surfaces in the industry, including new animal-free recombinant protein coatings created especially for cell therapy applications.

Complete your individualized solution with closed system accessories and high quality Corning custom media available in a variety of single use technology packaging.

## Perform

Our applications team can help guide you through process design, product customization, and protocol development. And quickly turn up the volume to production.

Most Corning cell therapy products are US Class I medical devices that are manufactured under cGMP in an ISO 13485 or ISO 9001 certified and FDA registered facilities.

From process development to cGMP manufacturing, you can rely on Corning to develop a customized cell therapy solution that meets the rigorous quality and regulatory requirements of cell therapy.

Learn how researchers at Copenhagen University Hospital are using Corning technology to scale up adipose stem cells *ex vivo* for a new breast reconstruction procedure at [corning.com/celltherapy](http://corning.com/celltherapy).





## Corning cell therapy solutions in action.

For more information, including poster presentations, applications notes, and webinars, visit [corning.com/celltherapy](http://corning.com/celltherapy).

### Poster presentation topics include:

- Culturing and single cell passaging of hPSCs using rLaminin-521 cultureware
- Scaling-up human bone marrow-derived MSCs in a xeno-free closed system
- Establishing a clinical-grade bioprocess for the large scale production of undifferentiated hESCs

### Application note topics include:

- Expansion and differentiation of hNSCs on recombinant laminin
- Efficient expansion of hMSCs using enhanced attachment microcarriers
- Large scale expansion of hMSCs using Corning® stemgro® medium and Corning stackable cell culture vessels

**Warranty/Disclaimer:** Unless otherwise specified, all products are for research or further manufacturing use only. Not intended for use in diagnostic or therapeutic procedures. Not for use in humans. Corning Life Sciences makes no claims regarding the performance of these products for clinical or diagnostic applications.

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