

Beginning-to-end  
Solutions for

# Cell Culture



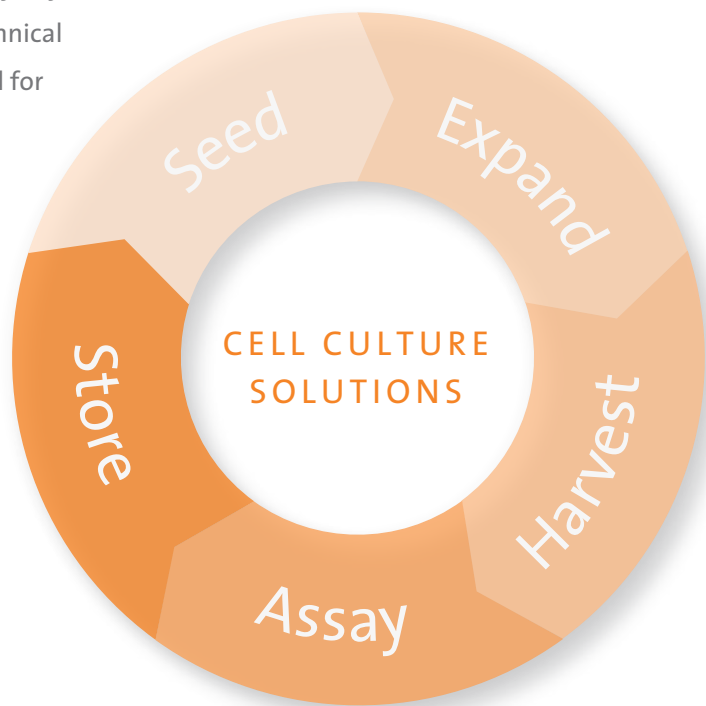
CORNING

# Beginning-to-end Solutions for Cell Culture

At Corning, cells are in our culture. In our continuous efforts to improve efficiencies and develop new tools and technologies for life science researchers, we have scientists working in Corning R&D labs across the globe, doing what you do every day. From seeding starter cultures to expanding cells for assays, our technical experts understand your challenges and your increased need for more reliable cells and cellular material.

It is this expertise, plus a 160 year history of Corning innovation and manufacturing excellence, that puts us in a unique position to offer a beginning-to-end portfolio of high-quality, reliable cell culture consumables.

This brochure provides a step-by-step view of the Corning products and brands which support the cell culture process. Detailed product information and a complete technical resource library including application notes, protocols and bibliographies are available from our websites [www.corning.com/lifesciences](http://www.corning.com/lifesciences) and [www.cellgro.com](http://www.cellgro.com).



CORNING  
cellgro®

*Our comprehensive line of high-quality bioprocess and laboratory research tools includes the Corning® cellgro® brand for both standard and custom cell culture media, basal salt solutions, antibiotics, sera, specialty media, and flexible packaging systems.*

*The Corning Family of Brands*

CORNING

costar®

cellgro®

PYREX®

AXYGEN®

GOSSELIN™

# Seed



To help bring your cells out of cryopreservation, Corning offers a spectrum of culture vessel styles and sizes for your needs.

For more help on growing cells, check out the *Guide for Identifying and Correcting Common Cell Growth Problems* under Technical Resources at [www.corning.com/lifesciences](http://www.corning.com/lifesciences).

- ▶ Benchtop equipment
- ▶ Centrifuge tubes
- ▶ Dishes, flasks and plates
- ▶ Erlenmeyer and spinner flasks
- ▶ Media, sera and reagents
- ▶ Pipet tips and pipettors
- ▶ Pipets and pipet controllers
- ▶ Reservoirs
- ▶ Specialized surfaces
- ▶ Storage bottles
- ▶ Syringe and filter systems
- ▶ Tissue homogenizers



# Expand



Choose from a broad range of vessels, media and advanced surfaces for the optimized expansion of cell lines, primary cells, and stem cells.

For more information on increasing cell yield, read *Growing More Cells: A Simple Guide to Cell Culture Scale-Up* under Technical Resources at [www.corning.com/lifesciences](http://www.corning.com/lifesciences).

- ▶ Benchtop equipment
- ▶ Culture tubes
- ▶ Dishes, flasks and plates
- ▶ Erlenmeyer and spinner flasks
- ▶ HYPERFlask® and HYPERStack® vessels
- ▶ Media, sera and reagents
- ▶ Pipet tips and pipettors
- ▶ Pipets and pipet controllers
- ▶ Reservoirs
- ▶ Slides and coverslips
- ▶ Specialized surfaces

# Harvest



Corning offers a wide selection of pipets, centrifuge tubes, cell scrapers and reagents to make cell harvesting easier.

For more help on cell harvesting, check out the *Subculturing Monolayer Cell Culture* protocol under Technical Resources at [www.corning.com/lifesciences](http://www.corning.com/lifesciences).

- ▶ Benchtop equipment
- ▶ Cell scrapers and lifters
- ▶ Centrifuge tubes
- ▶ Dishes, flasks and plates
- ▶ Erlenmeyer flasks 
- ▶ Media, sera and reagents
- ▶ Pipet tips and pipettors
- ▶ Pipets and pipet controllers
- ▶ Reservoirs
- ▶ Slides and coverslips
- ▶ Specialized surfaces
- ▶ Syringe and filter systems



# Assay



From microscope slides to multiple well microplates, Corning offers a solution for all your cell-based assay needs.

Check out *Understanding the Relationship between Automation/Instrumentation and Microplates* under Technical Resources at [www.corning.com/lifesciences](http://www.corning.com/lifesciences).

- ▶ Centrifuge tubes
- ▶ Dishes, flasks and plates
- ▶ Media, sera and reagents
- ▶ Microplates
- ▶ Pipet tips and pipettors
- ▶ Pipets and pipet controllers
- ▶ Slides and coverslips
- ▶ Specialized surfaces
- ▶ Storage bottles 
- ▶ Syringe and filter systems
- ▶ Transwell® Permeable Supports



# Store



Corning offers a large selection of cryogenic vials and accessories for freezing cells.

For more information, check out the *Cryogenic Preservation and Storage of Animal Cells* protocol and guide under Technical Resources at [www.corning.com/lifesciences](http://www.corning.com/lifesciences).

- ▶ Centrifuge tubes
- ▶ Cryogenic vials and accessories
- ▶ Media, sera and reagents
- ▶ Pipets and pipet controllers
- ▶ Reservoirs
- ▶ Slides and coverslips
- ▶ Storage plates and accessories



## Reduce Contamination Risks with Corning Closed System Solutions

Corning offers a variety of Closed System Solutions for your sterile liquid handling transfer needs. Products are available as:

- ▶ Catalog product
  - Order directly from our catalog and enjoy a very short lead time
- ▶ Configure-to-order
  - Over 250 components are in stock and available to configure as you require
- ▶ Custom
  - If our inventoried components do not meet your specifications, we can source the components you require.



# Technical Help and Training

*Corning is committed to helping you solve your everyday cell culture problems.*

## Online Technical Resources and Training

Whether you have a quick question you need to research or want to troubleshoot on your own, Corning has an extensive online library of technical articles, protocols, videos, and presentations at your fingertips.

### The Corning Scientific Seminar Series

- ▶ Free, online technical presentations
- ▶ Novel tips, best practices and proven techniques
- ▶ One-hour monthly seminars delivered by scientists
- ▶ Register or view past seminars on-demand at [www.corning.com/lifesciences](http://www.corning.com/lifesciences)

### Corning's Technical Information Website

- ▶ Technical articles, selection guides, bibliographies and protocols
- ▶ Available under Technical Resources at [www.corning.com/lifesciences](http://www.corning.com/lifesciences)

### YouTube Videos

- ▶ Multi-language, instructional videos
- ▶ Visit [www.youtube.com/corninglifesciences](http://www.youtube.com/corninglifesciences)



## Live or Onsite Technical Support

Sometimes, cell culture can stump even the most seasoned veteran. When you need that extra support, another set of eyes or even onsite group training, our experts are there when and where you need them.

### Corning's Technical Information Center (TIC)

- ▶ Direct access to well-trained and knowledgeable staff
- ▶ Call 800.492.1110 Monday through Friday from 8:00 am to 5:30 pm Eastern Time or by email at [CLStechserv@corning.com](mailto:CLStechserv@corning.com)

### Corning's Onsite Training and Seminar Program

- ▶ Technical seminars and hands-on training at our site or yours
- ▶ For more information, contact Mark Rothenberg, PhD, Applications Group Manager at [rothenbem@corning.com](mailto:rothenbem@corning.com)

### Skype Support

- ▶ Video conferencing with an Applications Lab scientist
- ▶ Contact your local Account Representative to schedule an appointment



Visit [www.facebook.com/corninglifesciences](http://www.facebook.com/corninglifesciences) for product announcements, promotions, and event news.

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