



A Quick Guide to Our
PRODUCTS & SERVICES

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Scientists Helping Scientists™



Driven by science and a passion for quality, STEMCELL Technologies facilitates the advancement of scientific research around the world with our catalogue of more than 2,500 cell biology research tools. Use this brochure to gain a quick overview on how our diverse product lines and services for cell isolation and cell culture support a broad range of research areas.

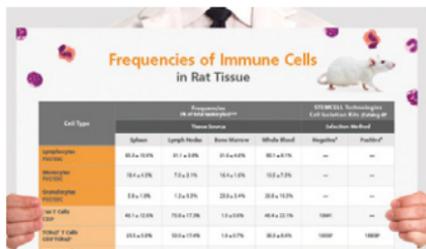
Visit our website for extensive educational materials and resources to aid your research and help you keep up to date on the latest scientific advancements. These include:



Procedural Videos



Educational Webinars



Wallcharts



Brochures, Mini Reviews & Technical Bulletins

Visit www.stemcell.com to explore our full product listing, including in-depth data and protocols, and to view the educational materials outlined above.

Hematopoietic Stem & Progenitor Cell Research



MethoCult™

Quantify hematopoietic progenitors with methylcellulose-based media for CFU assays.

www.STEMCELL.com/MethoCult

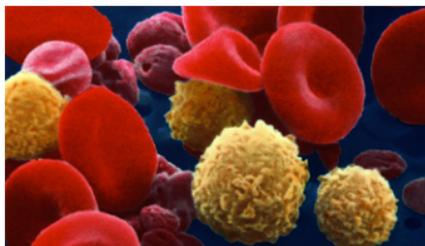


STEMvision™

Automate and standardize counting of hematopoietic colonies in the CFU assay.

www.STEMCELL.com/SmartDish

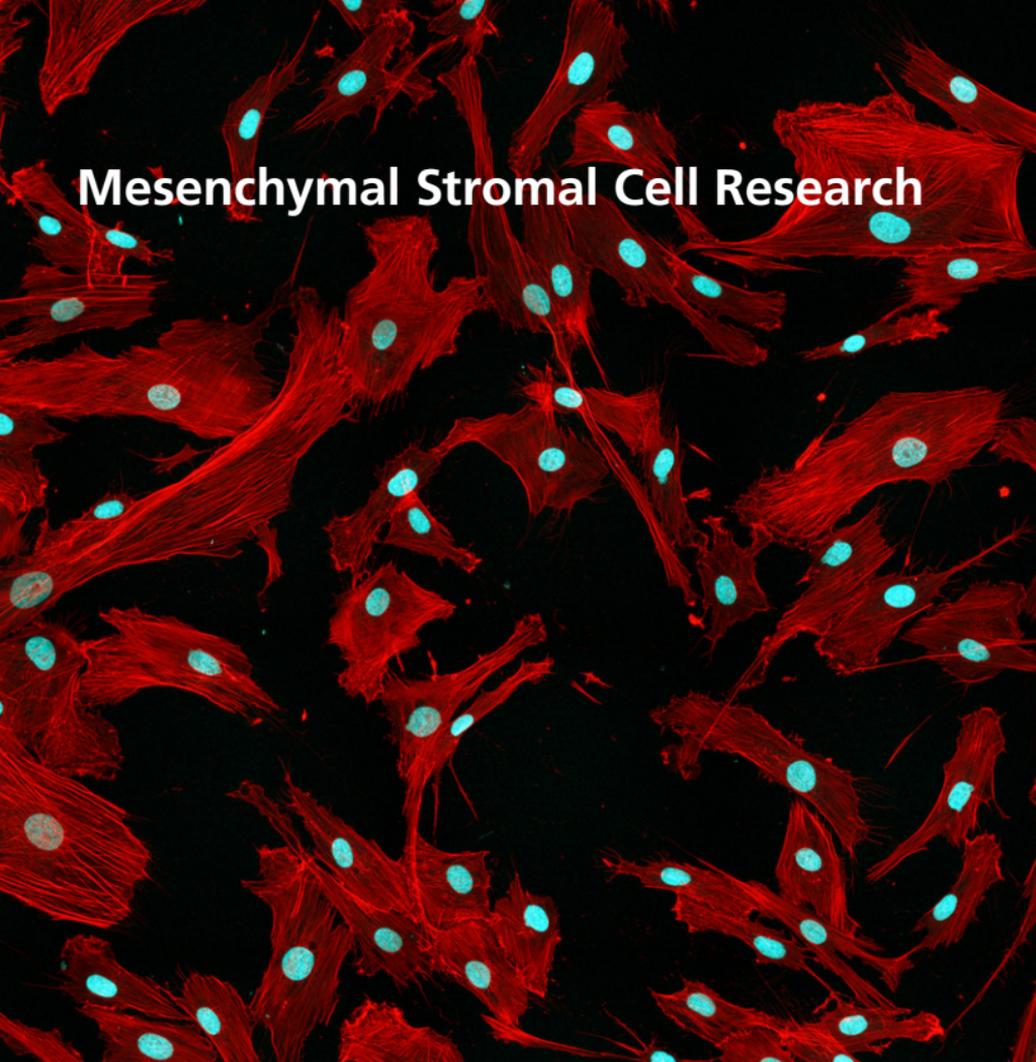
www.STEMCELL.com/STEMvision



StemSpan™

Expand hematopoietic progenitors or stimulate their differentiation into mature cells using serum-free media and supplements.

www.STEMCELL.com/StemSpan



Mesenchymal Stromal Cell Research

MesenCult™

Derive, expand, differentiate, and cryopreserve MSCs using standardized protocols and animal component-free media.

www.STEMCELL.com/MesenCult

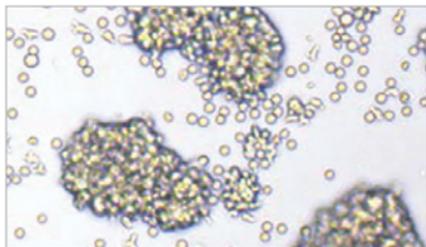
Immunology Research



Lymphoprep™

Isolate mononuclear cells with Lymphoprep™ density gradient medium compatible with SepMate™ and RosetteSep™.

www.STEMCELL.com/Lymphoprep



ImmunoCult™

Activate, expand, differentiate, or maintain immune cells.

www.ImmunoCult.com



EasySep™

Isolate highly purified cells in as little as 8 minutes.

www.EasySep.com



RoboSep™

Automate your cell isolations while retaining the speed and simplicity of EasySep™.

www.RoboSep.com



SepMate™

Achieve consistent and hassle-free PBMC isolation in just 15 minutes.

www.SepMate.com



RosetteSep™

Isolate cell subsets from whole blood during your standard density gradient centrifugation step.

www.RosetteSep.com

Pluripotent Stem Cell Research

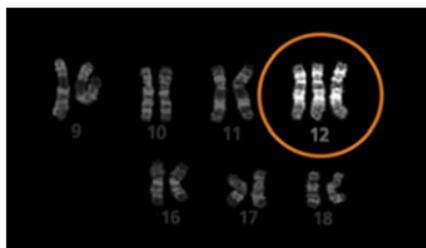




mTeSR™ Plus

Achieve improved pluripotent stem cell growth characteristics while maintaining cultures on your own schedule—worry-free.

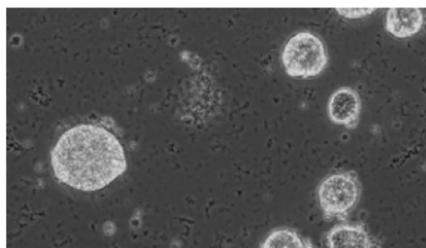
www.STEMCELL.com/why-mTeSRPlus



hPSC Genetic Analysis Kit

Rapidly detect the majority of karyotypic abnormalities observed in hPSC cultures, with results obtained within one day.

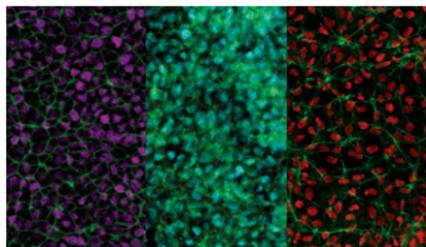
www.STEMCELL.com/GeneticAnalysisKit



RSeT™ Feeder-Free

Revert primed hPSCs to a naïve-like state without the use of feeder cells or bFGF.

www.STEMCELL.com/RSeT-FeederFree

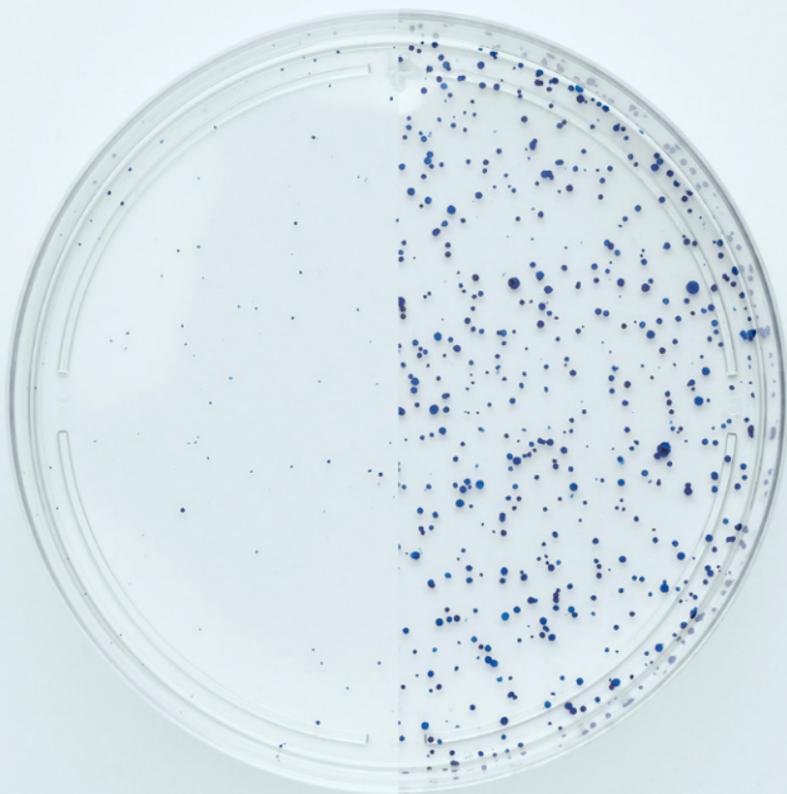


STEMdiff™

Differentiate hPSCs to specialized cell types of all three germ layers.

www.STEMCELL.com/STEMdiff

Genome Editing

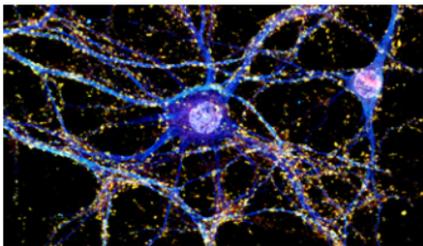
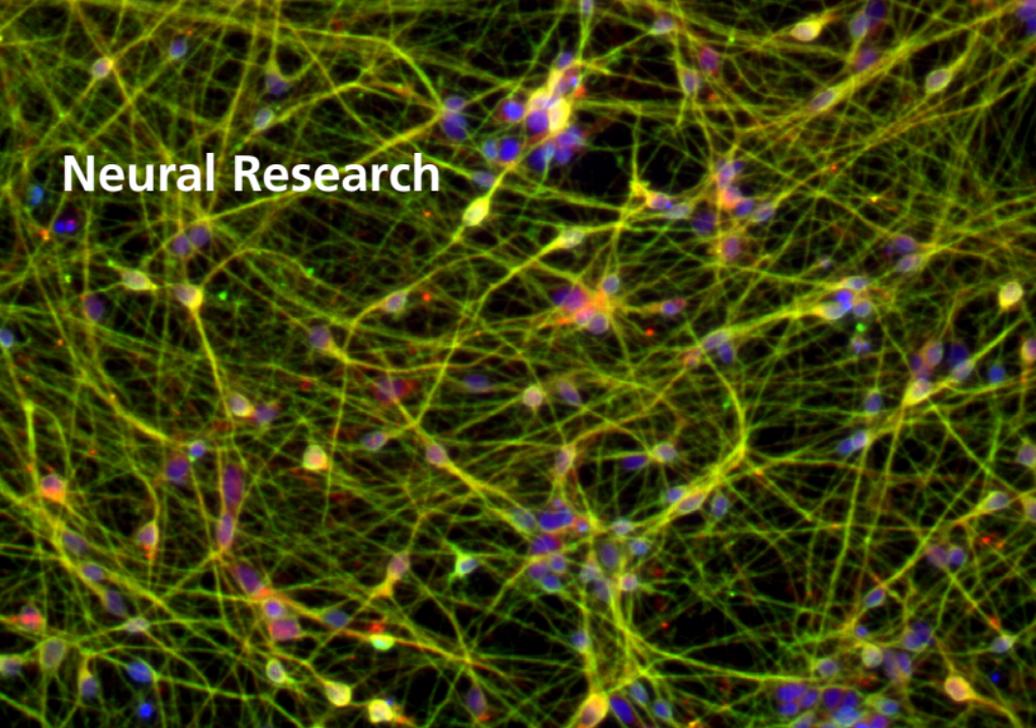


CloneR™ & ArciTect™

Cut uncertainty out of genome editing with our family of products and technical protocols.

www.STEMCELL.com/Genome-Editing

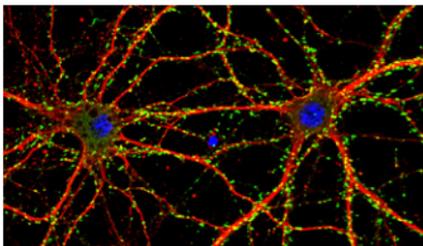
Neural Research



BrainPhys™

Culture primary and human stem cell-derived neurons in brain-like physiological conditions.

www.BrainPhys.com

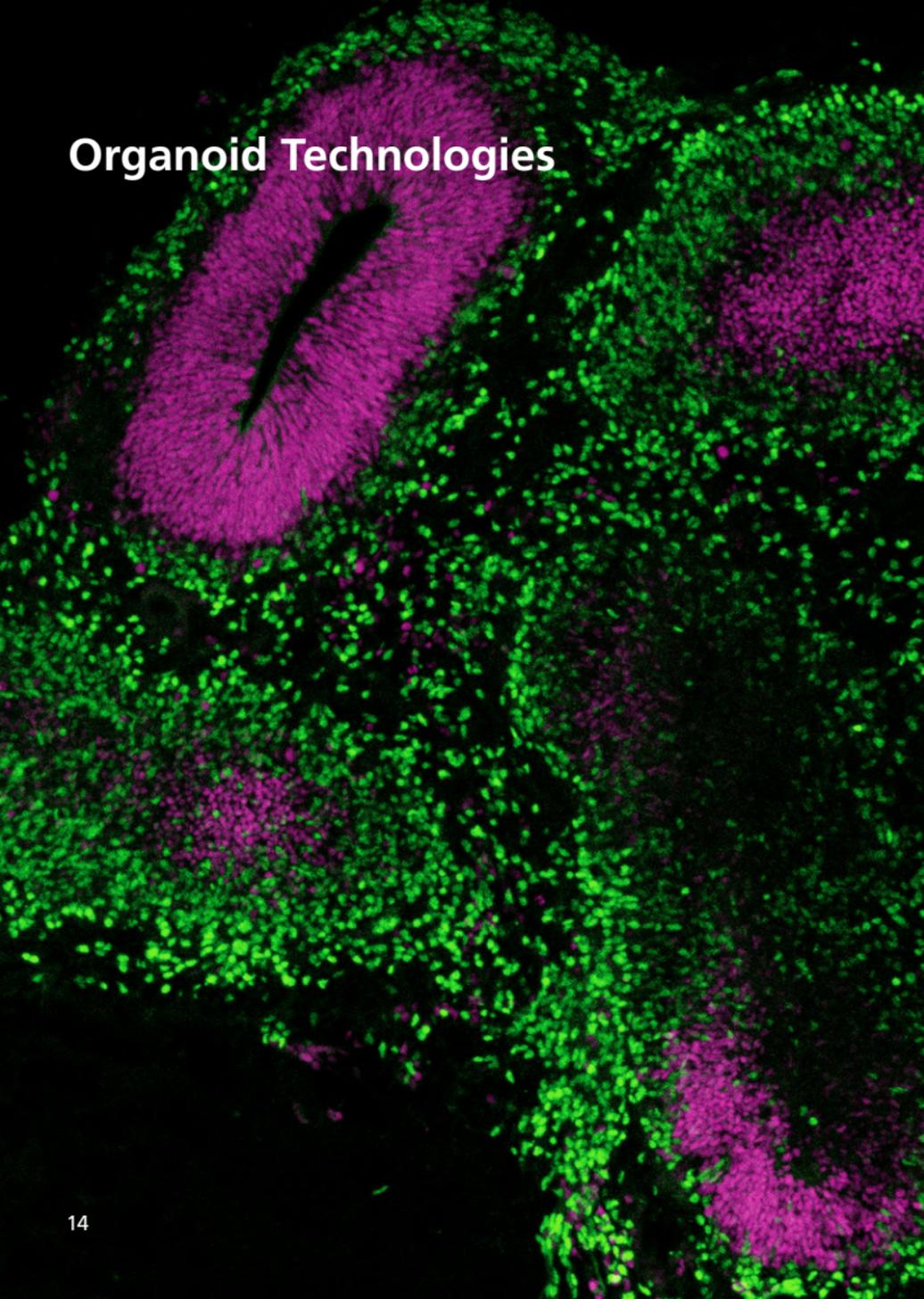


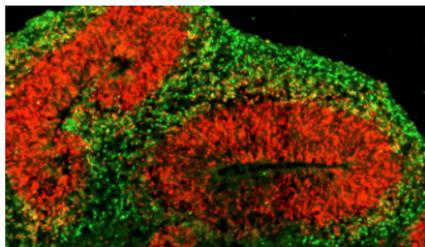
NeuroCult™

Expand and differentiate neural stem and progenitor cells, and culture primary neurons.

www.NeuroCult.com

Organoid Technologies

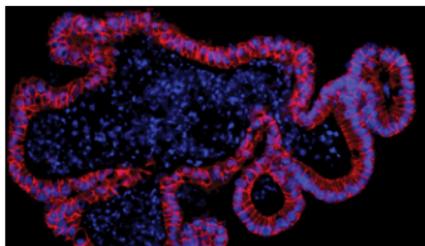




Cerebral Organoids

Generate cerebral organoids that recapitulate the organization and processes of the developing human brain.

[www.STEMCELL.com/
Cerebral-Organoid-Kit](http://www.STEMCELL.com/Cerebral-Organoid-Kit)



Intestinal Organoids

Establish and maintain human, mouse, and hPSC-derived intestinal organoid cultures with IntestiCult™ and STEMdiff™ intestinal organoid media.

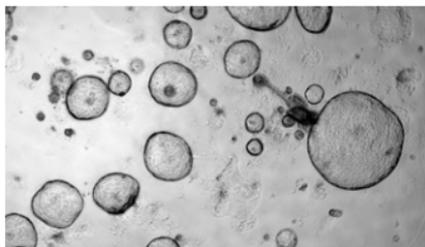
[www.STEMCELL.com/
IntestinalOrganoids](http://www.STEMCELL.com/IntestinalOrganoids)



Hepatic Organoids

Establish and maintain mouse hepatic progenitor organoids with a simple, serum-free formulation and step-by-step protocol for HepatiCult™ culture medium.

www.STEMCELL.com/HepaticOrganoids

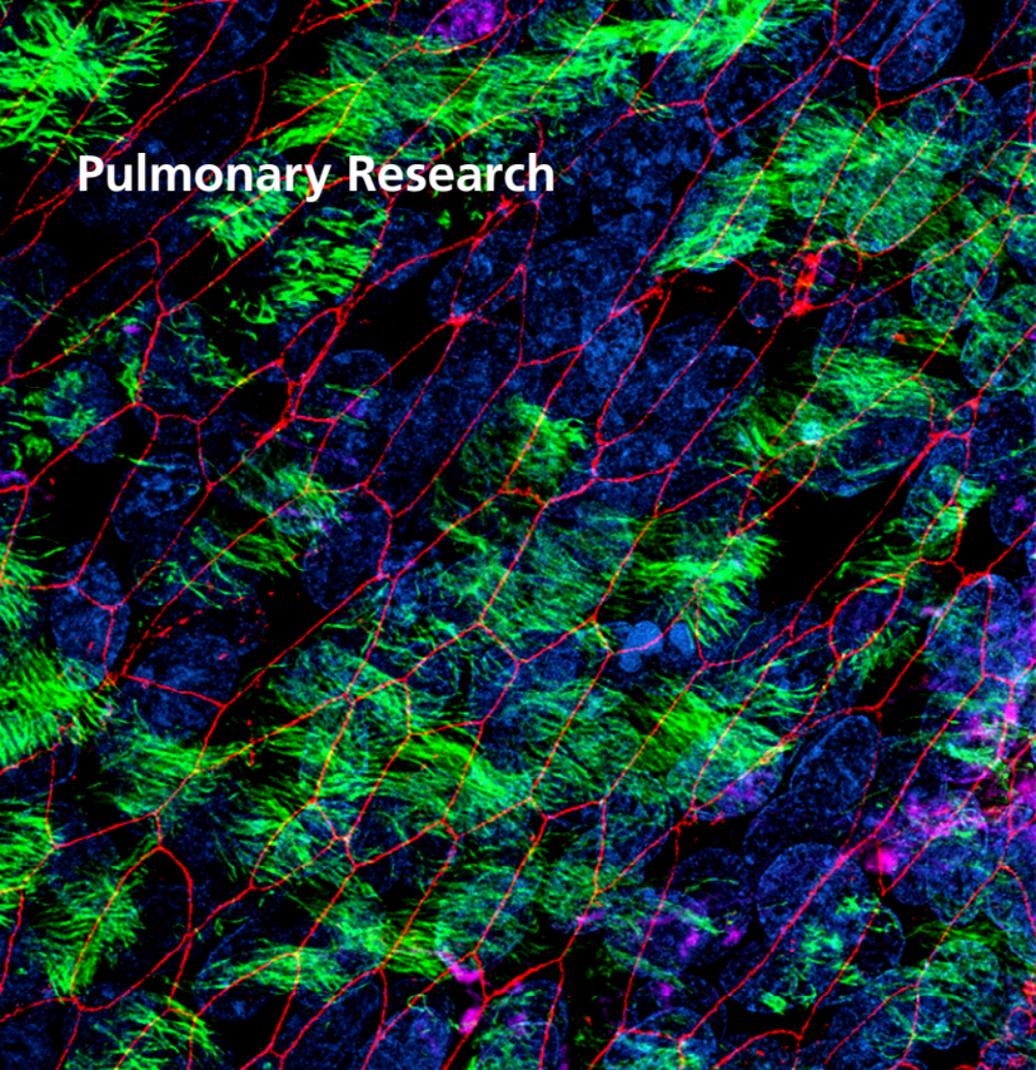


Pancreatic Organoids

Efficiently generate mouse pancreatic exocrine organoids with PancreaCult™ culture medium.

[www.STEMCELL.com/
PancreaticOrganoids](http://www.STEMCELL.com/PancreaticOrganoids)

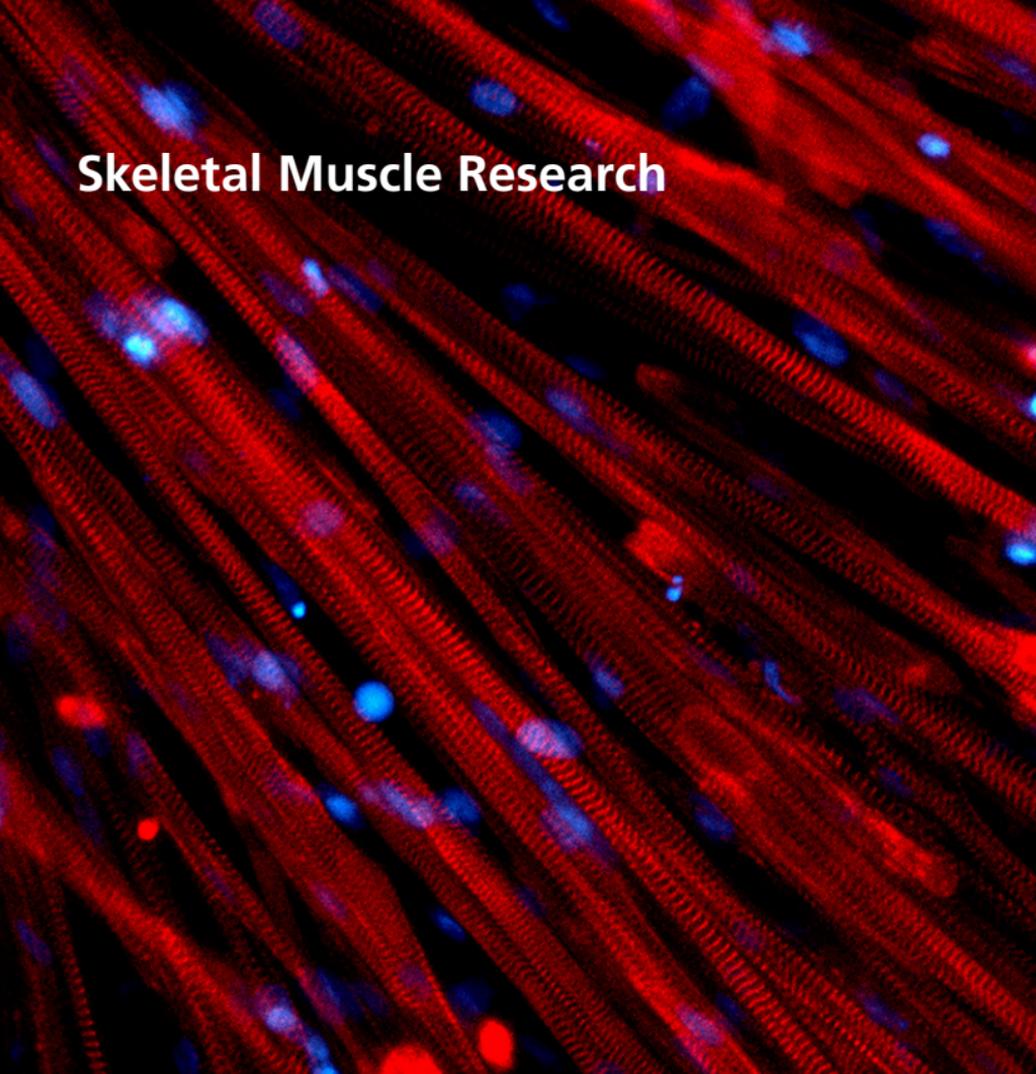
Pulmonary Research

A fluorescence microscopy image showing a complex network of fibers. The fibers are primarily red and green, forming a dense, interconnected mesh. The background is a dark blue color. The overall appearance is that of a highly organized, porous structure, likely representing a biological or synthetic airway model.

PneumaCult™

Truly model the human airway with PneumaCult™-Ex Plus and PneumaCult™-ALI, from long-term expansion to full differentiation at the air-liquid interface.

www.PneumaCult.com



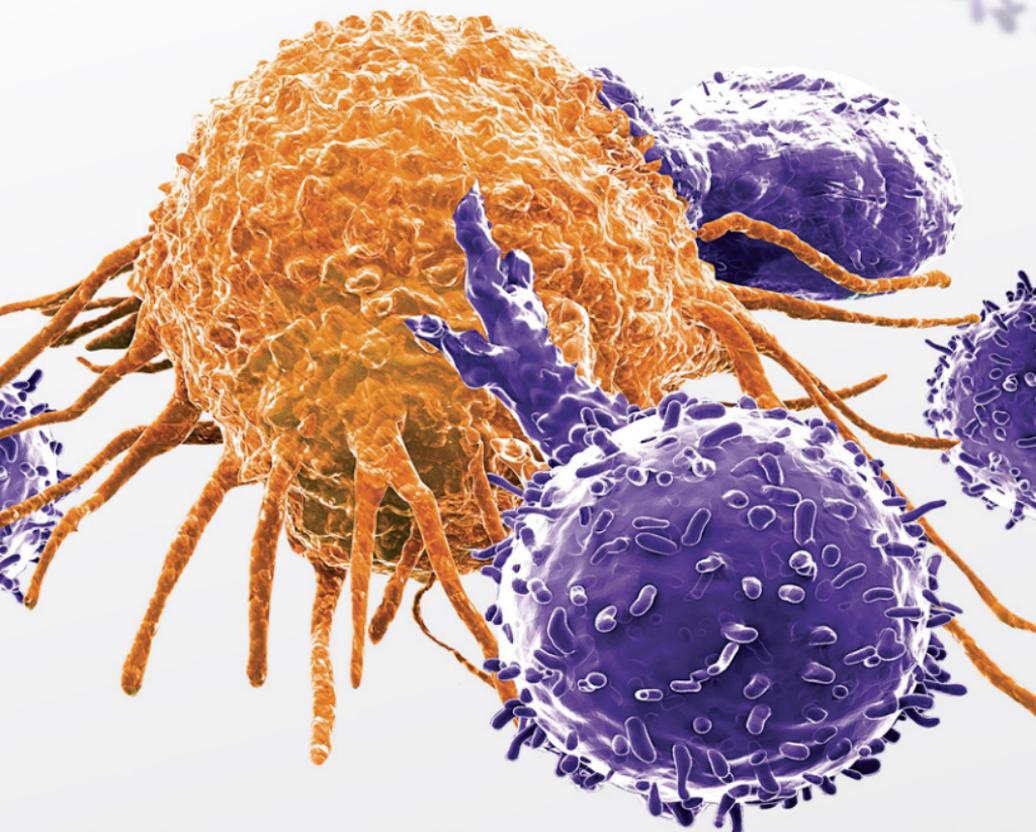
Skeletal Muscle Research

MyoCult™

Derive, expand, and differentiate skeletal muscle progenitor cells with standardized media that reduce culture variability.

www.STEMCELL.com/MyoCult

Tools for Cancer Research



T Cell Therapy

Find reagents and protocols designed and optimized to enable T cell therapy research and manufacturing.

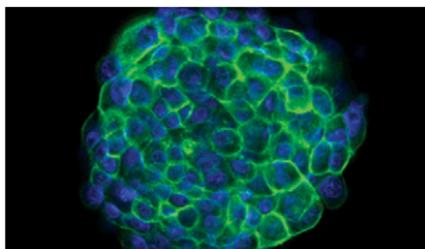
www.STEMCELL.com/T-Cell-Therapy



ALDEFLUOR™

Identify, evaluate, and isolate stem and progenitor cells based on their expression of aldehyde dehydrogenase enzyme.

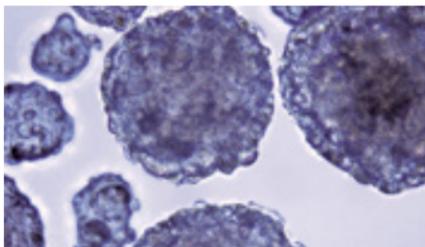
www.ALDEFLUOR.com



AggreWell™

Generate 3D spheroids in AggreWell™ plates for more physiologically relevant cell-based cancer models.

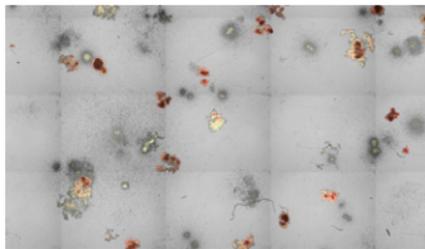
www.STEMCELL.com/Cancer-Spheroids



Breast Cancer

Culture normal and malignant mammary epithelial cells using MammoCult™ and EpiCult™ cell culture media.

www.MammoCult.com



Leukemia

Use serum-free StemSpan™ media and supplements with protocols optimized to culture and expand leukemic stem and progenitor cells.

www.STEMCELL.com/Culture-and-Expansion-of-Leukemic-Cells

Cell Line Development

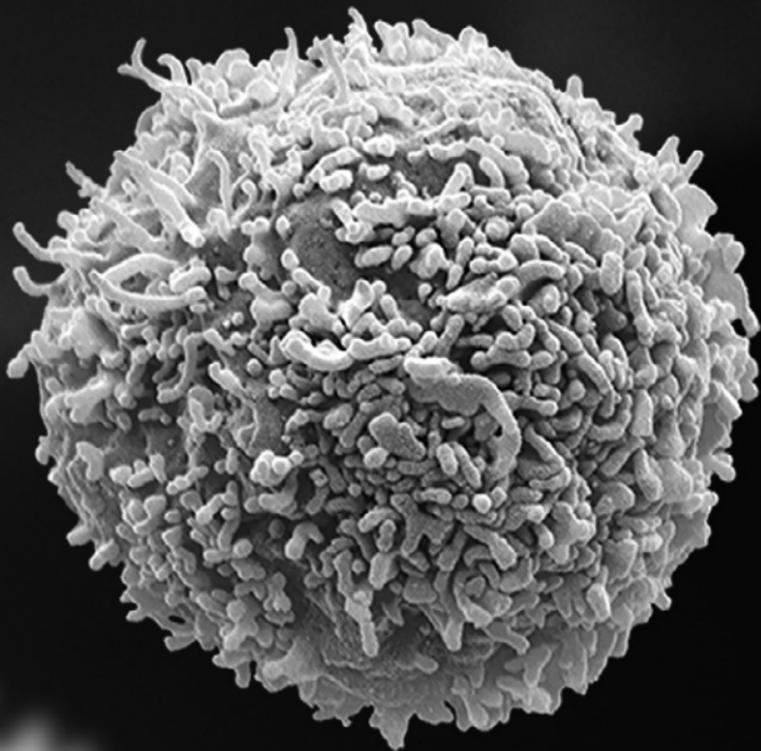


ClonaCell™

Select, clone, and expand hybridomas, CHO cells, and other cell lines using liquid or methylcellulose-based media.

www.ClonaCell.com

Primary & Cultured Cells



*Certain products only available in select territories

Human Primary & iPSC-Derived Cells*

Access fresh and cryopreserved primary cells from cord blood, peripheral blood, mobilized peripheral blood, and bone marrow. Or select from ready-to-use, iPSC-derived cells, including cardiac, neural, and other cell types.

www.STEMCELL.com/Cells

Accessory & Support Products





Cryopreservation Media

Cryopreserve numerous cell types in animal component- and/or serum-free media.

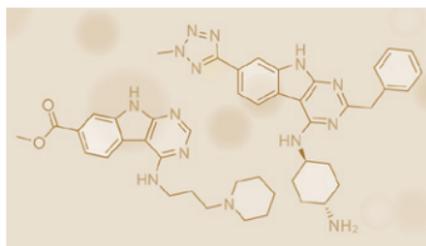
[www.STEMCELL.com/
Cryopreservation](http://www.STEMCELL.com/Cryopreservation)



Cultureware & General Supplies

Complete your workflow with cultureware from trusted brands like Corning® and Axygen®, for use in cell isolation, cell culture, and molecular biology.

www.STEMCELL.com/cultureware



Small Molecules & Cytokines

Target key signaling pathways in immunology, cancer biology, and stem cell biology.

www.STEMCELL.com/SmallMolecules
[www.STEMCELL.com/
Cytokines-Overview](http://www.STEMCELL.com/Cytokines-Overview)



Antibodies & ELISA Kits

Choose antibodies verified for use with STEMCELL products, then accurately quantify analytes with highly-sensitive ELISA kits.

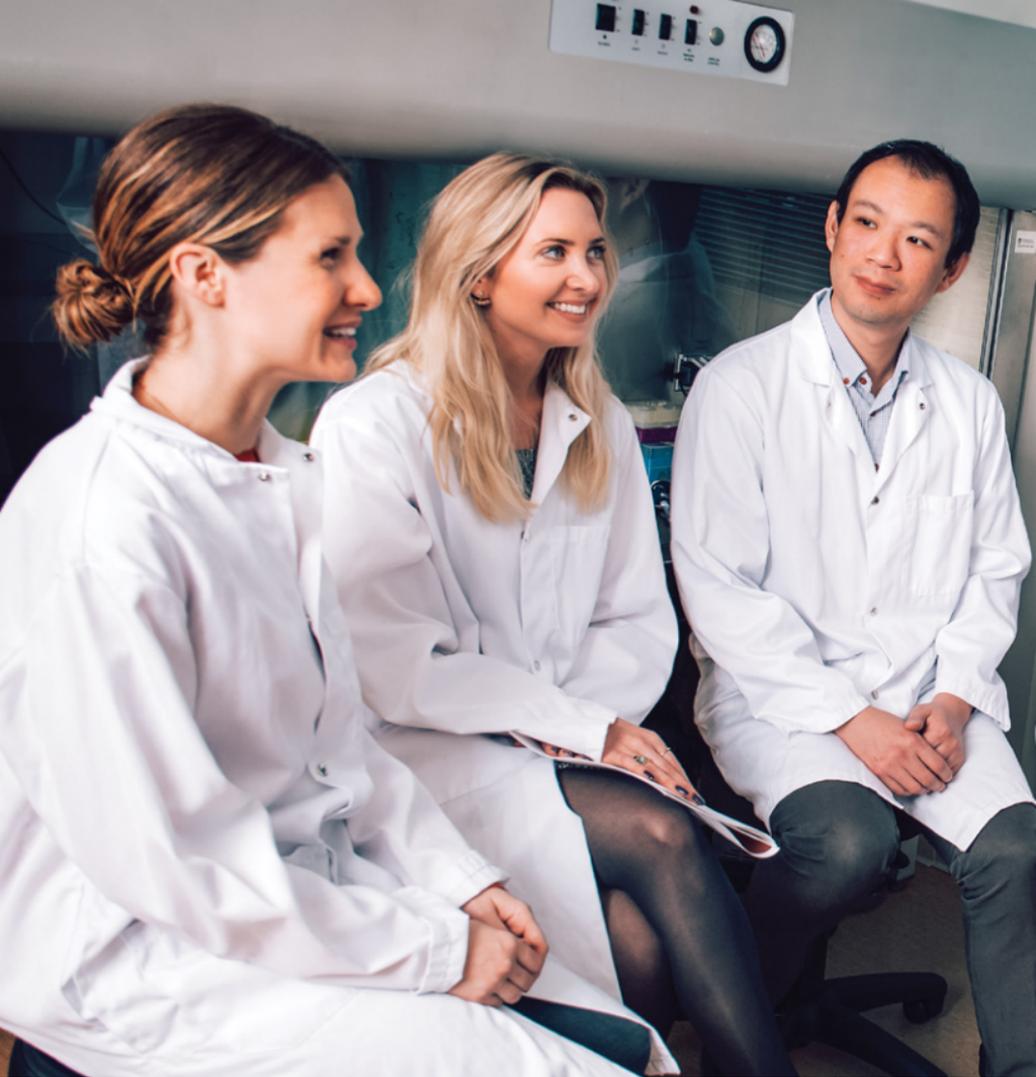
www.STEMCELL.com/Antibodies
www.STEMCELL.com/ELISA



Contract Assay Services

Access customized primary cell-based assay services performed with STEMCELL media and reagents.

www.ContractAssay.com



Online & In-Person Training Courses

Gain confidence in performing various cell culture protocols and reduce variability across experiments with technical training and support.

www.STEMCELL.com/Education



**THE STEM CELL
PODCAST**

Stay connected and up to date—listen to conversations with field experts in stem cell science for research updates, career insights, policy commentaries, and more.

www.StemCellPodcast.com



Science Newsletters

Save time and keep current with free, weekly, tissue-specific science newsletters covering the latest research, industry news, policy updates, events, and jobs in a variety of immunology and cell biology fields.

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