World class MHRA-accredited **GMP ATMP** manufacturing facilities

Cost effective logistic solutions to at least 27 major **European cities** within 24hrs

Highly

competitive

funding

environment





NHS









COLPITTS 1923







SCOTTISH

STEM CELL FOUNDATION





Home to Europe's largest and most highly regarded stem cell research hub

SIB Scottish





080 Roslin Cells

Catalent



LOGISTICS, STORAGE &

HEALTHCARE PROVIDERS

CONTRACT

MANUFACTURING SERVICES





CATAPULT



















Access to

outstanding

clinical

expertise





Taragenyx

NHS

REGULATORY



ADVICE & GUIDANCE











COLLAGEN solutions



Proven track record in supporting

and implementing

cell therapy clinical

trials

Ccompliancepath

Excellent

availability of technically trained

workforce for this

sector



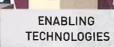
SCOTLAND'S

STEM CELL SUPPLY CHAIN

Europe's leading location for the development of stem cell technologies



Sistemic









COLLAGEN solutions







DRUG DEVELOPMENT

TOOLS & SERVICES











(JBIQUICENT)



charles river

. Deliverics



avantice











8 therapies in routine clinical practice or undergoing clinical trials for Type 1 Diabetes, Corneal Blindness and Ischemic Stroke

42 top clinicians and highly regarded Principle Investigators focusing on pioneering stem cell derived technologies, research or therapeutics in Neurology, Ophthalmology, Cardiovascular, Gastrointestinal, Oncology and Diabetes



stem cell scientists on one site - Edinburgh BioQuarter, the largest cohort in Europe

Temperature-sensitive material delivered to

>27 major cities in Europe within 24 hours from Scotland's central belt

Responsible for >60% of Europe's biosafety testing









Avanticell

www.avanticell.com

Specialist in physiologically-relevant human cell-based assay with high predictive value presented as primary isolates, as differentiated cell lines or derived from hESC, MSC or iPS stem cell populations.

Dundee Cell Products

Supplier of sophisticated Quantitative

Proteomics (SILAQTM) based on stable

academic and biotech/pharma sectors.

isotope labeling of amino acids in culture

(SILAC) and Drug Discovery services to the

SCOTTISH

Scottish Development

Assisting in the growth of the Scottish

companies. Ask us how we can help

technology development.

you identify solutions for your stem cell

economy by supporting inward investment

to Scotland and trade with Scotland-based

International

www.sdi.co.uk





www.biogelx.com

Develops and supplies tuneable and functional peptide hydrogels for 3D cell culture and therapeutic applications which mimic specific cell type environments.





Clyde Biosciences

www.clydebiosciences.com

Contract Research Organisation and Celloptiq instrument supplier offering optogenetic approaches to stem cell characterisation and drug discovery services focused on cardiomyocyte assays and analytics.





Collagen Solutions

www.collagensolutions.com

Developer and manufacturer of medical grade collagen components for biomimetic applications in tissue engineering with experience of wound care products.



Roslin Cells

April Kelly

Temperature-sensitive material

delivered to 5 major Scottish universit

hospitals within 3 hours of Scotland's central belt

\$160M

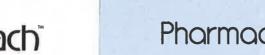
invested from public funds into the Scottish stem cell cluster since 2004





invested in the past five years from Scottish Investment Bank

>\$60M grant support for R&D CAPEX or salaries in the past five years from SE Grants



Onorach

www.onorach.com

Contract Research Organisation offering a full range of services to efficiently and cost-effectively manage the clinical trial development process with knowledge of stem cell clinical trials.



Pharmacells

Pharmacells

Oristem offers straightforward and pain free adult stem cell storage. ClioCell is an innovative GMP grade product for the removal of dead and dying cells that adversly affect the quality and efficacy of cells in culture.









into the clinic.

Roslin Cells

www.roslincells.com

Specialist services for the development

and manufacture of clinical grade ATMP

cell therapies and stem cell research with

a track record of delivering cell therapies



www.sistemic.co.uk

Specialist contract research, discovery and development services based on a proprietary micro RNAs allowing stem cell identification, process characterisation and directed differentiation.





TC Biopharm

www.tcbiopharm.com

BIOPHARM

Start-up biotechnology company developing a novel anti-cancer immunotherapy using patients' own immune cells for the treatment of various different types of cancer.



Scottish National Blood Transfusion Service www.scotblood.co.ul

Specialist services that procure, process, tests, stores and supplies human tissue and cells such as bone for othopaedic surgery, stem cells for bone marrow transplant and islet cells for type 1 diabetes.



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