Guillaume Saint-Pierre

CEO

PeptiGelDesign Technologies Ltd

http://www.peptigeldesign.com

Bilateral Meetings

- Thursday (1:30pm - 6:00pm)
- Friday (9:00am - 12:00pm)
- Friday (12:00pm - 4:00pm)

Description

PeptiGelDesign Technologies is a new company focusing on the commercialisation of a family of scaffolds for pharmaceutical and biomedical applications. More precisely, PeptiGelDesign Technologies offer 5 ready to use formulated hydrogels for cell based experiments, assays and a vehicle of the delivery of drug/cell delivery. Our extra-cellular matrix like fibrous peptidic hydrogels are animal free, fully synthetic, pH neutral, optically transparent and are batch to batch reproducible. Of tuneable mechanical properties and functionalities, our systems have been demonstrated with a wide variety of primary and stem cells for 2D and 3D directed differentiation and proliferation experiments. Our systems are readily compatible with standard analytical standard such as confocal microscopy, pCR, others. Do not hesitate to contact us shall you wish further information!

Organization Type

Company

Organization Size

1-10

Founding Year

2014

Email

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Country

United Kingdom

City

Alderley Edge, The Biohub, Alderley Park Google map

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Offer

The Power of Bespoke Biocompatible and Biodegradable Hydrogels

PeptiGelDesign Technologies has developed a family of self-assembling peptide based hydrogel that mimics the cell microenvironment and provides a natural physiological environment for 3-dimensional (3D) cell culture. In addition to its standard formulation PeptiGelDesign also offer a design service, which allows it to deliver hydrogel with tailored properties. These systems have tunable mechanical strength to suit a range of different cell types and can be functionalization with biological epitopes or formulated with small or large molecules such as growth factors. Example areas of use include 3D cell culture, stem cell culture and directed differentiation. These products have also great potential for applications in the regenerative and medical field as they are animal free, biocompatible and biodegradable. They can therefore potentially be used as primary packaging for the in-vivo delivery of drugs, cell or other biological factors. Our hydrogels can be designed to be injectable, sprayable and are naturally mucoadhesive.

Keywords: hydrogel cell engineering tissue engineering cell based experiment assay cell based assay medical device medical device coating combination products cell carrier durg delivery system cardiac patch sur
Cooperation Offered

1. Technical co-operation
2. Outsourcing co-operation

Cooperation Requested

1. Investment/Financing
2. Sales / Distribution
3. Technical co-operation
4. Outsourcing co-operation