

# FLEXCELL®

INTERNATIONAL CORPORATION

## OCTOBER 2017 NEWSLETTER

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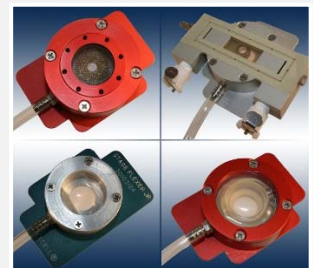


Flexcell® plates for monolayer and 3D culture & tissue engineering

### SALE!

5% OFF\*

Flexcell® Microscopy  
Devices



\*Sale ends October 31, 2017

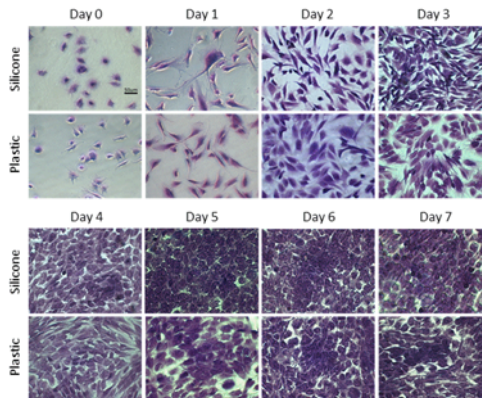
## Flexcell® Matrix Coated Culture Surfaces

- Create a more natural growth surface for your cells while enhancing cell attachment by using Flexcell® matrix coated culture surfaces.
- Culture cells in Flexcell® multi-well dishes to reduce “substrate shock” between rigid plastic culture surfaces and flexible stretching surfaces used for load application.

### AVAILABLE MATRIX COATINGS FOR FLEXCELL® CULTURE SURFACES\*:

Collagen I                      Collagen IV  
Elastin                            Laminin  
ProNectin                        Amino

\*Untreated surfaces also available



**Figure.** Images of tendon fibroblasts stained with crystal violet on days 0-7 of culture on either silicone membranes (Flexcell® collagen I-coated HT BioFlex® plates) or 24-well plastic culture plates. Scale bar = 50 μm

## Upcoming Tradeshows

**NCTERMS 2017**

November 10, 2017  
Winston-Salem, NC

**TERMIS-AM 2017**

December 3-6, 2017  
Charlotte, NC

**ASCB/EMBO 2017**

December 2-6, 2017  
Philadelphia, PA

See website each month for  
more details

[www.flexcellint.com](http://www.flexcellint.com)

## Featured Article...

In **Key Developments that Impacted the Field of Mechanobiology and Mechanotransduction**, Wall and colleagues analyzed the impact of critical ideas in mechanobiology, from 1) computational analysis of the response of bone to load to 2) *in vivo* and *in vitro* models of strain in musculoskeletal tissues to 3) signal transduction pathways, and looking at the citation frequency of these reports as well as tracking how the change in the overall number of mechanobiology citations (over 33,600 publications from 1970 to 2016) changed over time.

Wall M, Butler D, Haj AE, Bodle JC, Loba EG, Baner AJ. *J Orthop Res.* 2017 Aug 17. doi: 10.1002/jor.23707. [Epub ahead of print]

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