### Accepted Manuscript

Fibroblast-fibronectin patterning and network formation in 3D fibrin matrices

Miguel Miron-Mendoza, Eric Graham, Sujal Manohar, W. Matthew Petroll

PII: S0945-053X(17)30105-1

DOI: doi:10.1016/j.matbio.2017.06.001

Reference: MATBIO 1342

To appear in: *Matrix Biology* 

Received date: 10 April 2017 Revised date: 26 May 2017 Accepted date: 1 June 2017



Please cite this article as: Miron-Mendoza, Miguel, Graham, Eric, Manohar, Sujal, Petroll, W. Matthew, Fibroblast-fibronectin patterning and network formation in 3D fibrin matrices, *Matrix Biology* (2017), doi:10.1016/j.matbio.2017.06.001

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

## **ACCEPTED MANUSCRIPT**

#### Fibroblast-Fibronectin Patterning and Network Formation in 3D Fibrin Matrices

Miguel Miron-Mendoza, Eric Graham, Sujal Manohar and W. Matthew Petroll

Department of Ophthalmology, UT Southwestern Medical Center, 5323 Harry Hines Blvd.,

Dallas, TX 75390-9057

Short Title: Fibronectin Regulation of Cell Patterning

Corresponding Author: W. Matthew Petroll, Ph.D.

Department of Ophthalmology Southwestern Medical Center

5323 Harry Hines Blvd. Dallas, TX 75390-9057 Phone: 214-648-7216 FAX: 214-648-8447

E-mail: matthew.petroll@utsouthwestern.edu

Conflict of Interest: None

This study was supported by NIH R01 EY013322, NIH P30 EY020799, and an unrestricted grant from Research to Prevent Blindness, Inc., NY, NY.

Keywords: Extracellular Matrix

Corneal Keratocytes

Cell Mechanics

Fibrin

Fibronectin

#### Download English Version:

# https://daneshyari.com/en/article/8455127

Download Persian Version:

https://daneshyari.com/article/8455127

Daneshyari.com