## Accepted Manuscript

Outside in: The matrix as a modifier of muscular dystrophy

Mattia Quattrocelli, Melissa J. Spencer, Elizabeth M. McNally

PII: S0167-4889(16)30345-7

DOI: doi:10.1016/j.bbamcr.2016.12.020

Reference: BBAMCR 18021

To appear in: BBA - Molecular Cell Research

Received date: 17 October 2016 Revised date: 14 December 2016 Accepted date: 19 December 2016



Please cite this article as: Mattia Quattrocelli, Melissa J. Spencer, Elizabeth M. McNally, Outside in: The matrix as a modifier of muscular dystrophy, BBA - Molecular Cell Research (2016), doi:10.1016/j.bbamcr.2016.12.020

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**

Title: Outside in: the matrix as a modifier of muscular dystrophy

Authors: Mattia Quattrocelli<sup>1</sup>, Melissa J. Spencer<sup>2</sup>, Elizabeth M. McNally<sup>1,†</sup>

**Affiliations:** <sup>1</sup>Center for Genetic Medicine, Northwestern University, Chicago, IL, USA <sup>2</sup>Dept of Neurology, David Geffen School of Medicine at UCLA, Los Angeles, CA, USA

<sup>†</sup>To whom correspondence should be addressed: Elizabeth McNally MD PhD Center for Genetic Medicine Northwestern University 303 E Superior Lurie 7-123 Chicago, Il 60611 T: 1 312 503 6258 F: 1 312 503 5600 elizabeth.mcnally@northwestern.edu

Running title: Extracellular genetic modifiers for muscular dystrophy

**Keywords:** Duchenne muscular dystrophy, genetic modifiers, SPP1, osteopontin, LTBP4, Jagged1,  $TGF\beta$ , Notch, myostatin, novel drugs, investigational medicinal products, monoclonal antibodies.

Word count: 4224 (excluding references and figure legends).

Supported by NIH AR052646 (Wellstone Center for Muscular Dystrophy Research), NIH HL61322, NIH NS027072 and the Parent Project Muscular Dystrophy Foundation.

**Conflicts of Interest:** EMM has provided consulting services for Novartis, Invitae, Mitobridge, Summitplc, AstraZeneca, and Pfizer and served as a data safety monitor for Eli Lilly and Fibrogen, and has patent application 13/957,100 "Mitigating tissue damage and fibrosis via latent TGFβ protein (LTBP4).

## Download English Version:

## https://daneshyari.com/en/article/5508749

Download Persian Version:

https://daneshyari.com/article/5508749

<u>Daneshyari.com</u>