Accepted Manuscript

Lupus skin is primed for IL-6 inflammatory responses through a keratinocytemediated autocrine type I interferon loop

Jasmine N. Stannard, MD, Tamra J. Reed, Emily Myers, MD, Lori Lowe, MD, Mrinal K. Sarkar, Xianying Xing, Johann E. Gudjonsson, MD, J. Michelle Kahlenberg, MD

PII: S0022-202X(16)32380-6

DOI: 10.1016/j.jid.2016.09.008

Reference: JID 527

To appear in: The Journal of Investigative Dermatology

Received Date: 9 May 2016

Revised Date: 18 August 2016

Accepted Date: 6 September 2016

Please cite this article as: Stannard JN, Reed TJ, Myers E, Lowe L, Sarkar MK, Xing X, Gudjonsson JE, Kahlenberg JM, Lupus skin is primed for IL-6 inflammatory responses through a keratinocytemediated autocrine type I interferon loop, *The Journal of Investigative Dermatology* (2016), doi: 10.1016/ j.jid.2016.09.008.

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.



Lupus skin is primed for IL-6 inflammatory responses through a keratinocyte-mediated autocrine type I interferon loop

Jasmine N. Stannard, MD^{1,2}; Tamra J. Reed¹; Emily Myers³, MD; Lori Lowe, MD^{4,5}; Mrinal K.

Sarkar⁴, Xianying Xing⁴; Johann E. Gudjonsson, MD⁴; J. Michelle Kahlenberg, MD^{1,6}.

¹Division of Rheumatology, Department of Internal medicine, University of Michigan, Ann Arbor, MI USA;

²Division of Rheumatology, Department of Pediatrics, University of Michigan, Ann Arbor, MI USA;

³Division of Rheumatology, Department of Medicine, MedStar Georgetown University Hospital;

⁴Department of Dermatology, University of Michigan, Ann Arbor, MI USA;

⁵Department of Pathology, University of Michigan, Ann Arbor, MI USA;

⁶to whom correspondence should be addressed: J. Michelle Kahlenberg 5570A MSRB II, 1150 W. Medical Center Drive, University of Michigan, Ann Arbor, MI 48109. Tel: 734-936-3257 email: mkahlenb@med.umich.edu

ORCHID orcid.org/0000-0002-4006-8945

Word Count: 3,382

Short Title: Interferon kappa drives lupus IL-6 production

Abbreviations Used: CLE=cutaneous lupus erythematosus, DLE=discoid lupus erythematosus, IFN=interferon, IL=interleukin, pDC=plasmacytoid dendritic cell, sCLE=subacute cutaneous lupus erythematosus, SLE=systemic lupus erythematosus, TLR=toll-like receptor, UV=ultraviolet

Download English Version:

https://daneshyari.com/en/article/5649835

Download Persian Version:

https://daneshyari.com/article/5649835

Daneshyari.com