

# Accepted Manuscript

Mycophenolate mofetil treatment of systemic sclerosis reduces myeloid cell numbers and attenuates the inflammatory gene signature in skin

Monique Hinchcliff, MD MS, Diana M. Toledo, MS, Jaclyn N. Taroni, PhD, Tammara A. Wood, MA, Jennifer M. Franks, BS, Michael S. Ball, BS, Aileen Hoffmann, MS, Sapna M. Amin, MD, Ainah U. Tan, MD, Kevin Tom, Yolanda Nesbeth, PhD, Jungwha Lee, PhD, Madeleine Ma, MS, Kathleen Aren, MPH, Mary A. Carns, MS, Patricia A. Pioli, PhD, Michael L. Whitfield, PhD

PII: S0022-202X(18)30023-X

DOI: [10.1016/j.jid.2018.01.006](https://doi.org/10.1016/j.jid.2018.01.006)

Reference: JID 1254

To appear in: *The Journal of Investigative Dermatology*

Received Date: 16 September 2016

Revised Date: 8 December 2017

Accepted Date: 4 January 2018

Please cite this article as: Hinchcliff M, Toledo DM, Taroni JN, Wood TA, Franks JM, Ball MS, Hoffmann A, Amin SM, Tan AU, Tom K, Nesbeth Y, Lee J, Ma M, Aren K, Carns MA, Pioli PA, Whitfield ML, Mycophenolate mofetil treatment of systemic sclerosis reduces myeloid cell numbers and attenuates the inflammatory gene signature in skin, *The Journal of Investigative Dermatology* (2018), doi: 10.1016/j.jid.2018.01.006.

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.



**Mycophenolate mofetil treatment of systemic sclerosis reduces myeloid cell numbers and attenuates the inflammatory gene signature in skin**

Monique Hinchcliff MD MS<sup>1,2,#</sup>, Diana M. Toledo MS<sup>3,#</sup>, Jaclyn N. Taroni PhD<sup>3</sup>, Tammara A. Wood MA<sup>3</sup>, Jennifer M. Franks BS<sup>3</sup>, Michael S. Ball BS<sup>7</sup>, Aileen Hoffmann MS<sup>1</sup>, Sapna M. Amin MD<sup>4</sup>, Ainah U. Tan MD<sup>4</sup>, Kevin Tom<sup>1</sup>, Yolanda Nesbeth PhD<sup>6</sup>, Jungwha Lee PhD<sup>2,5</sup>, Madeleine Ma MS<sup>2,5</sup>, Kathleen Aren MPH<sup>1</sup>, Mary A. Carns MS<sup>1</sup>, Patricia A. Pioli PhD<sup>7</sup>, Michael L. Whitfield PhD<sup>3</sup>

Northwestern University Feinberg School of Medicine, <sup>1</sup>Department of Medicine, Division of Rheumatology, 240 E. Huron Street, Suite M-300, <sup>2</sup>Institute of Public Health and Medicine, 633 N. St. Clair, 18th Floor <sup>4</sup>Department of Dermatology, 676 N. St. Clair Street Suite 1600, <sup>5</sup>Department of Preventive Medicine, 680 N. Lake Shore Drive, Suite 1400, Chicago, IL 60611, USA. Geisel School of Medicine at Dartmouth, <sup>3</sup>Department of Molecular and Systems Biology, Hanover, NH 03755, <sup>7</sup>Microbiology and Immunology, Lebanon, NH 03756, <sup>6</sup>Celdara Medical LLC, Lebanon, NH 03766, USA.

**Short title:** MMF reduces myeloid cell recruitment

#Authors contributed equally

**Corresponding Authors:**

Monique Hinchcliff, MD MS  
Northwestern University Feinberg School of Medicine  
Division of Rheumatology  
240 E Huron Street, Suite M300  
Chicago, IL USA 60611  
m-hinchcliff@northwestern.edu  
Phone: 312-503-4844, fax: 312-503-0994

Download English Version:

<https://daneshyari.com/en/article/8715885>

Download Persian Version:

<https://daneshyari.com/article/8715885>

[Daneshyari.com](https://daneshyari.com)