Accepted Manuscript

Urocanic acid - An endogenous regulator of Langerhans cells

Anika Bruhs, Leopold Eckhart, Erwin Tschachler, Thomas Schwarz, Agatha Schwarz

PII: S0022-202X(16)31137-X DOI: 10.1016/j.jid.2016.04.016

Reference: JID 311

To appear in: The Journal of Investigative Dermatology

Received Date: 11 February 2016

Revised Date: 15 April 2016 Accepted Date: 21 April 2016

Please cite this article as: Bruhs A, Eckhart L, Tschachler E, Schwarz T, Schwarz A, Urocanic acid – An endogenous regulator of Langerhans cells, *The Journal of Investigative Dermatology* (2016), doi: 10.1016/j.jid.2016.04.016.

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

Urocanic acid – An endogenous regulator of Langerhans cells

Anika Bruhs*, Leopold Eckhart*, Erwin Tschachler*, Thomas Schwarz*, Agatha Schwarz*

- * Department of Dermatology and Allergology, University Kiel, 24105 Kiel, Germany
- ⁺ Research Division of Biology and Pathobiology of the Skin, Department of Dermatology, Medical University of Vienna, 1090 Vienna, Austria

Short title: Urocanic acid and Langerhans cells

Word count (text): 1217

Abbreviations used: CHS, contact hypersensitivity; CPD, cyclobutane pyrimidine dimers; LC,

Langerhans cell(s); TNBS, 2,4,6-trinitrobenzenesulfonic acid; TNCB, 2,4,6-trinitrochlorobenzene;

Treg, regulatory T cell(s); UCA, urocanic acid; UVR, ultraviolet radiation; WT, wild type

Correspondence to:

Thomas Schwarz, MD
Department of Dermatology
University Kiel
Schittenhelmstrasse 7
24105 Kiel, Germany
phone: 49-431-5971500

FAX: 49-431-5971503 tschwarz@dermatology.uni-kiel.de

Download English Version:

https://daneshyari.com/en/article/6074541

Download Persian Version:

https://daneshyari.com/article/6074541

<u>Daneshyari.com</u>