

Accepted Manuscript

STAT1 gain of function and STAT3 loss of function mutations impair IL-17 and IL-22 immunity associated with CMC

Julia Hiller, Beate Hagl, Renate Effner, Anne Puel, Martin Schaller, Birgit Mascher, Stefanie Eyerich, Kilian Eyerich, Annette F. Jansson, Johannes Ring, Jean-Laurent Casanova, Ellen D. Renner, Claudia Traidl-Hoffmann

PII: S0022-202X(17)33049-X

DOI: [10.1016/j.jid.2017.09.035](https://doi.org/10.1016/j.jid.2017.09.035)

Reference: JID 1119

To appear in: *The Journal of Investigative Dermatology*

Received Date: 21 February 2017

Revised Date: 15 September 2017

Accepted Date: 18 September 2017

Please cite this article as: Hiller J, Hagl B, Effner R, Puel A, Schaller M, Mascher B, Eyerich S, Eyerich K, Jansson AF, Ring J, Casanova J-L, Renner ED, Traidl-Hoffmann C, STAT1 gain of function and STAT3 loss of function mutations impair IL-17 and IL-22 immunity associated with CMC, *The Journal of Investigative Dermatology* (2017), doi: 10.1016/j.jid.2017.09.035.

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.



STAT1 gain of function and STAT3 loss of function mutations impair IL-17
and IL-22 immunity associated with CMC

Julia Hiller^{1,2*}, Beate Hagl^{1,3*}, Renate Effner², Anne Puel⁴, Martin Schaller⁵, Birgit Mascher⁶, Stefanie Eyerich², Kilian Eyerich⁷, Annette F. Jansson³, Johannes Ring⁷, Jean-Laurent Casanova⁸, Ellen D Renner^{1,3,9,10}, Claudia Traidl-Hoffmann^{1,9,11}

* contributed equally

¹Chair and Institute of Environmental Medicine, UNIKA-T, Technical University Munich and Helmholtz Zentrum München - German Research Center for Environmental Health, Augsburg, Germany

²ZAUM - Center of Allergy and Environment, Technical University and Helmholtz Center Munich, Munich, Germany, Member of the German Center of Lung Research (DZL)

³Dr. von Hauner Children's Hospital, Ludwig Maximilian University, Munich, Germany

⁴Laboratory of Human Genetics of Infectious Diseases, Necker Branch, INSERM UMR1163, Necker Medical School, Paris Descartes University, Sorbonne Paris Cité, Imagine Institute, Paris, France

⁵Department of Dermatology, Eberhard Karls University Tübingen, Tübingen, Germany

⁶Dermatologikum Hamburg, Hamburg, Germany

⁷Department of Dermatology and Allergy, Technical University of Munich, Munich, Germany

⁸St Giles Laboratory of Human Genetics of Infectious Diseases, Rockefeller Branch, New York, NY, USA

⁹CK Care, Christine Kühne Center for Allergy Research and Education, Davos, Switzerland

¹⁰Hochgebirgsklinik, Davos, Switzerland

¹¹Outpatient Clinic for environmental diseases, Klinikum Augsburg, Germany

Download English Version:

<https://daneshyari.com/en/article/8716132>

Download Persian Version:

<https://daneshyari.com/article/8716132>

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