

Accepted Manuscript

Outbreak investigation for toxigenic *Corynebacterium diphtheriae* wound infections in refugees from Northeast Africa and Syria in Switzerland and Germany by whole genome sequencing

Dominik M. Meinel, Richard Kuehl, Reinhard Zbinden, Veronika Boskova, Christian Garzoni, Davide Fadini, Marisa Dolina, Benjamin Blümel, Thomas Weibel, Sarah Tschudin-Sutter, Andreas F. Widmer, Julia A. Bielicki, Alexa Dierig, Ulrich Heininger, Regina Konrad, Anja Berger, Vladimira Hinic, Daniel Goldenberger, Annette Blaich, Tanja Stadler, Manuel Bategay, Andreas Sing, Adrian Egli, MD PhD

PII: S1198-743X(16)30330-5

DOI: [10.1016/j.cmi.2016.08.010](https://doi.org/10.1016/j.cmi.2016.08.010)

Reference: CMI 689

To appear in: *Clinical Microbiology and Infection*

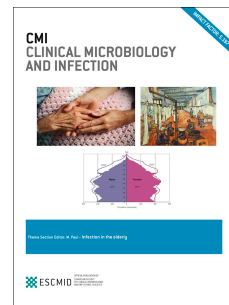
Received Date: 22 May 2016

Revised Date: 28 July 2016

Accepted Date: 19 August 2016

Please cite this article as: Meinel DM, Kuehl R, Zbinden R, Boskova V, Garzoni C, Fadini D, Dolina M, Blümel B, Weibel T, Tschudin-Sutter S, Widmer AF, Bielicki JA, Dierig A, Heininger U, Konrad R, Berger A, Hinic V, Goldenberger D, Blaich A, Stadler T, Bategay M, Sing A, Egli A, Outbreak investigation for toxigenic *Corynebacterium diphtheriae* wound infections in refugees from Northeast Africa and Syria in Switzerland and Germany by whole genome sequencing, *Clinical Microbiology and Infection* (2016), doi: 10.1016/j.cmi.2016.08.010.

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.



1 **Outbreak investigation for toxigenic *Corynebacterium diphtheriae* wound infections**
2 **in refugees from Northeast Africa and Syria in Switzerland and Germany by whole**
3 **genome sequencing**

4

5 Dominik M. Meinel^{1,2,3}, Richard Kuehl⁴, Reinhard Zbinden⁵, Veronika Boskova⁶, Christian
6 Garzoni⁷, Davide Fadini⁸, Marisa Dolina⁹, Benjamin Blümel¹⁰, Thomas Weibel¹¹, Sarah
7 Tschudin-Sutter⁴, Andreas F. Widmer⁴, Julia A. Bielicki¹², Alexa Dierig¹², Ulrich
8 Heininger¹², Regina Konrad^{2,13}, Anja Berger^{2,13}, Vladimira Hinic¹, Daniel Goldenberger¹,
9 Annette Blaich¹, Tanja Stadler⁶, Manuel Battegay^{4,*}, Andreas Sing^{2,13,*}, Adrian Egli^{1,3,*}

10

11 ¹ Clinical Microbiology, University Hospital Basel, Basel, Switzerland

12 ² Bavarian Health and Food Safety Authority (LGL), Oberschleissheim, Germany;

13 ³ Applied Microbiology Research, Department of Biomedicine, University Basel, Basel
14 Switzerland

15 ⁴ Infectious Diseases and Hospital Epidemiology, University Hospital Basel, Basel,
16 Switzerland

17 ⁵ Institute for Medical Microbiology, University of Zurich, Zurich, Switzerland

18 ⁶ Computational Evolution, D-BSSE, ETH Zurich, Basel, Switzerland

19 ⁷ Department of Internal Medicine and Infectious Diseases, Clinica Luganese, Lugano,
20 Switzerland

21 ⁸ Internal Medicine, Ospedale di Mendrisio, Mendrisio, Switzerland

22 ⁹ Clinical Microbiology, EOLAB, Bellinzona, Switzerland

Download English Version:

<https://daneshyari.com/en/article/5671851>

Download Persian Version:

<https://daneshyari.com/article/5671851>

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