

Accepted Manuscript

The population structure of *Staphylococcus aureus* in China and Europe assessed by Multiple-Locus Variable Number Tandem Repeat Analysis; clues to geographical origins of emergence and dissemination

Xiaomei Yan, Leo M. Schouls, Gerlinde N. Pluister, Xiaoxia Tao, Xiaojie Yu, Jiyuan Yin, Yanyan Song, Shoukui Hu, Fengji Luo, Wanfu Hu, Lihua He, Fanliang Meng, Tjibbe Donker, Eleni Tsompanidou, Jan Maarten van Dijl, Jianzhong Zhang, Hajo Grundmann

PII: S1198-743X(15)00808-3

DOI: [10.1016/j.cmi.2015.08.022](https://doi.org/10.1016/j.cmi.2015.08.022)

Reference: CMI 365

To appear in: *Clinical Microbiology and Infection*

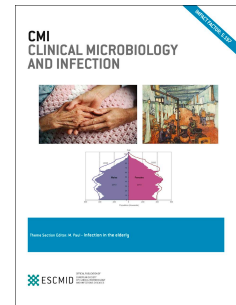
Received Date: 27 February 2015

Revised Date: 25 July 2015

Accepted Date: 25 August 2015

Please cite this article as: Yan X, Schouls LM, Pluister GN, Tao X, Yu X, Yin J, Song Y, Hu S, Luo F, Hu W, He L, Meng F, Donker T, Tsompanidou E, Maarten van Dijl J, Zhang J, Grundmann H, The population structure of *Staphylococcus aureus* in China and Europe assessed by Multiple-Locus Variable Number Tandem Repeat Analysis; clues to geographical origins of emergence and dissemination, *Clinical Microbiology and Infection* (2015), doi: 10.1016/j.cmi.2015.08.022.

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 **The population structure of *Staphylococcus aureus* in China and Europe**
2 **assessed by Multiple-Locus Variable Number Tandem Repeat Analysis;**
3 **clues to geographical origins of emergence and dissemination**

4

5 Xiaomei Yan^{1,3,7#}, Leo M. Schouls^{2#}, Gerlinde N. Pluister², Xiaoxia Tao^{1,7},
6 Xiaojie Yu⁴, Jiyuan Yin⁴, Yanyan Song⁵, Shoukui Hu⁶, Fengji Luo⁵, Wanfu Hu⁶,
7 Lihua He^{1,7}, Fanliang Meng^{1,7}, Tjibbe Donker³, Eleni Tsompanidou³, Jan
8 Maarten van Dijk³, Jianzhong Zhang^{1,7*}, Hajo Grundmann^{3*}

9

10 ¹State Key Laboratory for Infectious Disease Prevention and Control, National
11 Institute for Communicable Disease Control and Prevention, Chinese Center
12 for Disease Control and Prevention, Beijing, China

13 ²National Institute for Public Health and the Environment (RIVM), Bilthoven, The
14 Netherlands

15 ³Department of Medical Microbiology, University of Groningen, University
16 Medical Center Groningen, Rijksuniversiteit Groningen, the Netherlands

17 ⁴Heilongjiang provincial Centre for Disease Control and Prevention Harbin,
18 China

19 ⁵Chaoyang Center for Disease Control and Prevention, Beijing, China

20 ⁶Anhui Provincial Center for Disease Control and Prevention, Hefei, China

21 ⁷ Collaborative Innovation Center for Diagnosis and Treatment of Infectious
22 Diseases, Hangzhou, China

23 [#]These authors contributed equally to this work

24

25 ^{*}Corresponding authors

Download English Version:

<https://daneshyari.com/en/article/6129080>

Download Persian Version:

<https://daneshyari.com/article/6129080>

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