Corrigendum: Colistin Resistance Mediated by mcr-1 in ESBL-Producing, Multidrug Resistant Salmonella Infantis in Broiler Chicken Industry, Italy (2016-2017)

Carfora, Virginia; Alba, Patricia; Leekitcharoenphon, Pimlapas; Ballaro, Daniele; Cordaro, Gessica; Di Matteo, Paola; Donati, Valentina; Ianzano, Angelo; Iurescia, Manuela; Stravino, Fiorentino; Tagliaferri, Tania; Battisti, Antonio; Franco, Alessia

Published in:
Frontiers in Microbiology

Link to article, DOI:
10.3389/fmicb.2018.02395

Publication date:
2018

Document Version
Publisher's PDF, also known as Version of record

Link back to DTU Orbit

Citation (APA):

Technical University of Denmark
Corrigendum: Colistin Resistance Mediated by mcr-1 in ESBL-Producing, Multidrug Resistant Salmonella Infantis in Broiler Chicken Industry, Italy (2016–2017)

Virginia Carfora 1, Patricia Alba 1, Pimlapas Leekitcharoenphon 2, Daniele Ballarò 1, Gessica Cordaro 1, Paola Di Matteo 1, Valentina Donati 1, Angela Ianzano 1, Manuela Iurescia 1, Fiorentino Stravino 1, Tania Tagliaferri 1, Antonio Battisti 1,* and Alessia Franco 1

1 National Reference Laboratory for Antimicrobial Resistance, Istituto Zooprofilattico Sperimentale del Lazio e della Toscana "M. Aleandri," General Diagnostics Department, Rome, Italy, 2 European Union Reference Laboratory for Antimicrobial Resistance, WHO Collaborating Centre for Antimicrobial Resistance in Foodborne Pathogens and Genomics, National Food Institute, Technical University of Denmark, Kongens Lyngby, Denmark

Keywords: colistin resistance, mcr genes, ESBL (Extended Spectrum Beta-Lactamases), plasmids, whole genome sequencing, Salmonella Infantis, broilers, broiler meat

A Corrigendum on

Colistin Resistance Mediated by mcr-1 in ESBL-Producing, Multidrug Resistant Salmonella Infantis in Broiler Chicken Industry, Italy (2016–2017)


In the original article, there was an error in the Materials and Methods, subsection Isolates. The four S. Infantis isolates originated from broilers (n = 2) and broiler meat samples (n = 2).

A correction has been made to Materials and Methods, subsection Isolates: Four multidrug resistant (MDR) S. Infantis, displaying a colistin MIC value ≥ 4 mg/L, were detected among 324 S. Infantis isolates collected in the frame of antimicrobial resistance (AMR) monitoring activities conducted from 2001 to 2017 by the National Reference Laboratory for Antimicrobial Resistance (NRL-AR) and screened for antimicrobial susceptibility. The four S. Infantis isolates originated from broilers (n = 3) and from broiler meat sample (n = 1) (Supplementary Table 1).

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way.

The original article has been updated.

Conflict of Interest Statement: The authors declare that the research was conducted in the absence of any commercial or financial relationships that could be construed as a potential conflict of interest.

Copyright © 2018 Carfora, Alba, Leekitcharoenphon, Ballarò, Cordaro, Di Matteo, Donati, Ianzano, Iurescia, Stravino, Tagliaferri, Battisti and Franco. This is an open-access article distributed under the terms of the Creative Commons Attribution License (CC BY). The use, distribution or reproduction in other forums is permitted, provided the original author(s) and the copyright owner(s) are credited and that the original publication in this journal is cited, in accordance with accepted academic practice. No use, distribution or reproduction is permitted which does not comply with these terms.