Reviewer’s report

Title: Characterization of Salmonella enterica in Guangdong China 2007-2012: serovars distribution, antimicrobial resistance and PFGE typing

Version: 2
Date: 13 April 2014

Reviewer: Bruno González Zorn

Reviewer’s report:

Ke et al present an interesting manuscript on prevalence and antimicrobial resistance of Salmonella spp. in the Guangdong province.

The writing of the manuscript should be revised, e.g. L13 P2 should read susceptibility (singular) and resistance.

Pulsotypes need a simpler nomenclature.

Figures 4C and 3 represent the same data. I would delete Figure 4C.

Figure 5 does not clarify anything here, and should be deleted, unless a small portion representing a very interesting and particular epidemiologic relevance wants to be highlighted.

One cannot understand why a carbapenem is not included in the antimicrobial resistance panel. Please explain.

Recently, Salmonella in Africa are highly susceptible to antibiotics (J Infect Dev Ctries. 2013 Oct 15;7(10):691-5.), and rare serotypes have been identified. Are they included in the panel? Please include and discuss antibiotic usage and resistance trends in the Guangdong province.

Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published

Statistical review: No, the manuscript does not need to be seen by a statistician.