

c/o 33 Chester Road,
Poynton,
Cheshire,
SK12 1HA.
8th January 2012

To whom it may concern,

Regarding the publication of three papers related to my submitted PhD thesis, titled “A network analysis approach to investigating disease contact structures at the cell and the population level”, I hereby describe the author’s contributions to the published work.

1. Wu, G*, Zhu, L*, Dent, J. E. *, and Nardini, C. (2010). A comprehensive molecular interaction map for rheumatoid arthritis. PLoS ONE, 5(4):e10137. *All authors contributed equally to this work.

Author’s contributions: CN conceived and designed the experiments, GW, LZ and JED analysed the data and GW, JED and CN wrote the paper.

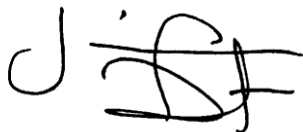
2. Dent, J., Kao, R., Kiss, I., Hyder, K., and Arnold, M. (2008). Contact structures in the poultry industry in Great Britain: Exploring transmission routes for a potential avian influenza virus epidemic. BMC Veterinary Research, 4(1):27.

Author’s contributions: MA is responsible for the conception of the study. MA, RK, IK and JD contributed to the design of the study. JD and IK carried out the analyses of the data. Interpretation of the results was undertaken by all authors. The manuscript was written by JD with comments from all authors.

3. Dent J., Kao R.R., Kiss I.Z. and Arnold M., (2011). The potential spread of highly pathogenic avian influenza virus via dynamic contacts between poultry premises in Great Britain. *BMC Vet Res* 2011:7:59.

Author’s contributions: MA designed the study. JD collected the data. JD, RRK and IZK analysed the data. JD wrote the simulation model. JD wrote the manuscript with input from MA, RRK and IZK. All authors have read and approved the final manuscript.

Yours faithfully,

A handwritten signature in black ink, appearing to be 'J Dent', with a stylized flourish at the end.

Jennifer Dent