

MSc by Research in Infection and Immunity 2013-2014

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What is the potential impact of point of care tests on gonorrhoea and chlamydia transmission dynamics in England. A mathematical modelling study.

This project will investigate the impact of introducing a point of care dual test for chlamydia and gonorrhoea on the spread of these infections, using a transmission dynamic mathematical model (ODE / network).

The project could potentially involve optimal control and health economics or comparison with ODE/PDE models depending on the interest of the candidate. This project will form part of exciting new research collaboration between the University of Bristol and a new company BPC which has recently been awarded funding by the University Research and Enterprise Development.

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