
ABBA GUMEL, University of Manitoba
Mathematics of HPV Vaccines

Human papilloma virus (HPV) is a major sexually-transmitted disease that inflicts significant public health burden globally. HPV causes various anogenital cancers and warts in females and males. The talk is based on the use of mathematical modeling and analysis to gain insight into the population-level impact of the two currently-available anti-HPV vaccines. This is a joint work with Aliya Alsaleh.