Nicole Hood

Ph.D. Student, Epidemiology Third Year ARCS Scholar Gillin/Liss Award

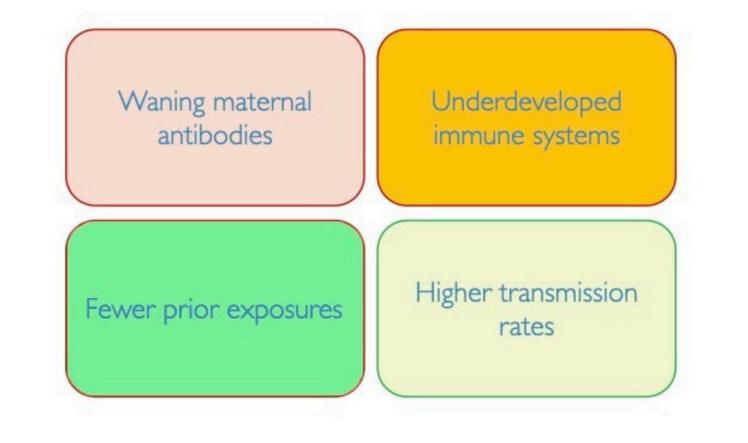


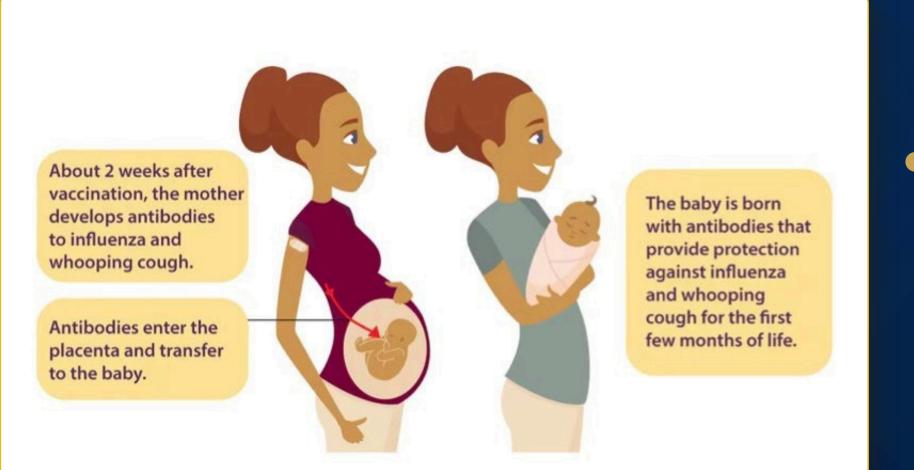
EMORY UNIVERSITY

Investigating pediatric flu: Initial immune exposure and its impact on future susceptibility

Each year, the flu causes significant disease burden on kids in the United States. This research aims to investigate the impact of early childhood flu exposure histories on future susceptibility to flu disease and their implications for population-level prevention strategies.

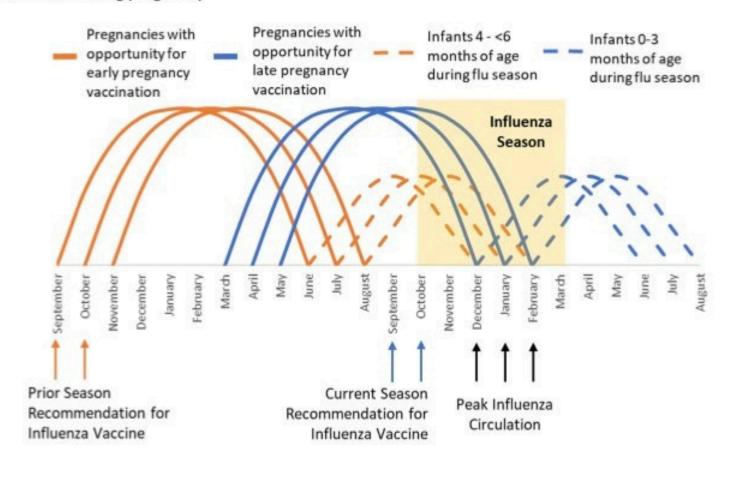
The complexity of understanding initial exposures to the flu





Abu Raya B, Edwards KM, Scheifele DW, Halperin SA. Pertussis and influenza immunisation during pregnancy: a landscape review. Lancet Infect Dis. 2017 Jul;17(7):e209-e222. doi: 10.1016/S1473-3099(17)30190-1. Epub 2017 Apr 19. PMID: 28433704.

Figure. Seasonal Influenza enrollment scenarios for infants <6 months of age in the context of maternal vaccination during pregnancy



Objective: To characterize children's birth season relative to influenza risk and then compare susceptibility to influenza infection and influenza vaccine effectiveness (VE)



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Scholar Awards Celebration

November 15, 2023



Igniting Innovation in Georgia