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**Rustom Antia\*** ([rantia@emory.edu](mailto:rantia@emory.edu)). *Dynamics of immune responses to influenza.*

We will use simple models to explore why we do not naturally generate strain-transcending immunity to influenza. These models will include models of antibody and T cell responses. We will briefly consider the implications of these models for the design of "universal" influenza vaccines. (Received September 12, 2016)