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EDUCATION:

1999-2003: Ph.D. Physics, University of Maryland, College Park, MD.
1997-1999: M.S. Physics, University of Pittsburgh, Pittsburgh, PA.

SELECTED PUBLICATIONS:

1. R. Breban, W. Doss, G. Esmat, M. Elsayed, M. Hellard, P. Ayscue, M. Albert, A. Fontanet and M.K. Mohamed, *Toward realistic estimates of HCV incidence in Egypt*, J. Viral Hepatitis [Epub ahead of print]; doi: 10.1111/j.1365-2893.2012.01650.x.
2. R. Breban, A. Bisiaux, C. Biot, C. Rentsch, P. Bousso and M. Albert, *Mathematical model of tumor immunotherapy for bladder carcinoma identifies the limitations of the innate immune response*, OncoImmunology **1**(1), 9-17 (2012).
3. P. Rohani, R. Breban, D.E. Stallknecht, and J.M. Drake, *Environmental transmission of avian influenza viruses and its implications for disease control*, Proc. Natl. Acad. Sci. U.S.A. **106**(25), 10365-10369 (2009).
4. K.A. Fenton, R. Breban, R. Vardavas, J.T. Okano, T. Martin, S. Aral and S. Blower, *Infectious syphilis in high-income settings in the 21st century*, Lancet Infect. Dis. **8**(4), 244-253 (2008).
5. R. Vardavas, R. Breban and S. Blower, *Can influenza epidemics be prevented by voluntary vaccination?*, PLoS Comput. Biol. **3**(5), e85 (2007).
6. R. Breban and S. Blower, *Role of parametric resonance in virological failure during HIV treatment interruption therapy*, Lancet **367**(9518), 1285-1289 (2006).