

The Mathematical Biosciences Institute Public Lecture Series  
at The Ohio State University welcomes

# Alan S. Perelson

Theoretical Biology and Biophysics Group  
Los Alamos National Laboratory

**Wednesday, March 14, 2007**  
**6:30 p.m.**

Fawcett Center Auditorium  
2400 Olentangy River Road

**Human immunodeficiency virus (HIV) causes AIDS, but on a time scale that averages about 10 years. This length of time suggests that HIV infection is a slow process and, thus, treatment can be delayed. Dr. Alan S. Perelson will show how using mathematical modeling to interpret changes in HIV level after drug therapy is initiated has led to a revolution in thinking about HIV and formed the basis for combination therapy that has made HIV a treatable disease.**



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at The Ohio State University