



Abhilasha Batra
Graduate Student

Computational and Experimental Biophysics

*A Near Analytic Solution of a stochastic Immune Response Model
Considering Variability in Virus and T Cell Dynamics*

Abhilasha Batra is a graduate student working with Dr. Rati Sharma in the Computational and Experimental Biophysics lab at the Indian Institute of Science Education and Research, Bhopal, India. She works in the field of Systems biology. Her research is primarily focused on combining theoretical techniques of non-equilibrium statistical mechanics to make models and predictions in biological systems. Today, she will be talking about a stochastic immune response model for viral dynamics, taking into account the intrinsic variability present in cellular systems.