

DEPARTMENT OF COMPUTATIONAL BIOLOGY
University of Pittsburgh School of Medicine

DISTINGUISHED SPEAKER SERIES

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COMPUTER-AIDED DRUG DISCOVERY FOR INFECTIOUS DISEASES

This lecture will provide a general introduction to some of the ways that modern theoretical and computational chemistry are contributing to the discovery of new pharmaceuticals, with special emphasis on drugs for infectious diseases. The basic sciences and computing technologies involved have advanced to the point that physics-based simulations of drug targets are now yielding truly valuable suggestions for new compounds. Images and animations related to this work can be found at the website <http://mccammon.ucsd.edu/>

Thursday, October 22, 2009

4:00—5:00 pm

Room 6014, BST3

(Refreshments will be provided)