Seminar Announcement

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“Systems biology of microbial pathogens”

March 9, 2020
12:00 noon
SciTech Room 136
Abstract: New experimental technologies to characterize microbes result in voluminous data on the genotype-phenotype relationship under diverse conditions. Computer models have become indispensable tools to integrate such data and facilitate the generation and testing of hypotheses. We will discuss recent methods to construct and test computer models of microbial metabolism that are being used to identify novel drug targets and characterize the evolution of antibiotic resistance.