

## **Cyberinfrastructure for PathoSystems Biology**

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### **Abstract**

The application of new information and biotechnologies to infectious disease research provides an opportunity to design, develop and deploy a comprehensive cyberinfrastructure for life sciences. The application of integrative approaches including theory, wet experimentation, modeling and simulation and the leveraging of a strong comparative, evolutionary framework has spawned pathosystems biology. I will show examples of how cyberinfrastructure is being developed and used to support pathosystems biology.