Registration and Reception Wednesday, June 13, 2001, p.m.

Keynote Address Thursday, June 14, 2001, 7:00 p.m.

Tom Shenk (Princeton) - Genetic and genomic approaches to understanding gene function and virus/host cell interaction

Thursday, June 14, 2001 8:30 a.m. - 12:00 p.m.  Session I

"Viral Entry, Assembly and Release"

Chair: Richard J. Courtney

John Wills (Hershey Medical Center) - Retrovirus budding: a cell-mediated process?

Marie Chow (U. Arkansas Med) - Poliovirus: exploiting an old paradigm for new insights into viral entry

Mary Estes (Baylor College of Medicine) - Norwalk virus structure and function

Robert Lamb (Northwestern) - Paramyxovirus-mediated membrane fusion
Thursday, June 14, 2001 1:30 p.m. - 4:30 p.m.

Platform and Poster Session

Chair: Brian Wigdahl

(faculty, post-doctorates and students selected from submitted abstracts)

Thursday, June 14, 2001 7:00 p.m.

Keynote Address

Tom Shenk (Princeton) - Genetic and genomic approaches to understanding gene function and virus/host cell interaction

Friday, June 15, 2001 8:30 a.m. - 12:00 p.m.

Session II

"Viral Replication Mechanisms"

Chair: Andrew Henderson

Paul Ahlquist (U. Wisconsin) - Virus and host factors in Bromovirus and Nodavirus RNA replication

Stuart F. J. LeGrice (NIH) - Programmed initiation of DNA synthesis in Retroviruses and retrotransposons

Christopher Hellen (SUNY Brooklyn) - Mechanism of viral translation initiation by internal ribosomal entry

Peter Bullock (Tufts) - Initiation and control of SV40 replication
Friday, June 15, 2001 10:00 a.m. - 4:00 p.m.

**Industrial Exhibits** (Lunch provided by industrial exhibitors)

Friday, June 15, 2001 1:30 p.m. - 5:00 p.m.

**Session III**

"Viral Pathogenesis: Mechanisms and Model Systems"

**Chair: Satvir S. Tevethia**

- **Donald Mosier** (Scripps) - Small animal models for HIV-1 infection
- **Matthias Gromeier** (Duke) - Principles of enterovirus neuropathogenesis and how they can be used for the treatment of cancer
- **Michael Buchmeier** (Scripps) - Virus-induced neurologic disease: balancing host defense and neuropathology
- **Diane Griffin** (Johns Hopkins) - Acute viral encephalitis - host determinants of outcome

Friday, June 15, 2001 5:00 p.m. - 8:00 p.m.

**Hub Lawn Barbecue**

Saturday, June 16, 2001 8:30 a.m. - 12:00 p.m.
Session IV

"Emerging Viral Diseases and Antiviral Therapy"

Chair: Harriet C. Isom

Priscilla Schaffer (Harvard) - CDK inhibitors as antivirals

W. Ian Lipkin (UC Irvine/Columbia) - Pathogen discovery: Borna disease, West Nile virus, and beyond

T. Jake Liang (NIDDK, NIH) - HCV vaccine development

Craig Cameron (Penn State) - Quasispecies, error catastrophe and the antiviral activity of ribavirin