

Joint Symposium

The 2nd International Symposium: Polyomaviruses and Human Diseases and 4th International Symposium for Zoonosis Control “Emerging Virus Infections”

June 11–13, 2004 Sapporo Convention Center by
Hokkaido University 21st Century COE Program

Friday, June 11, 2004
Conference Room A

- 8:30–9:00 am** Registration
9:00 am Opening Remarks
Provost Ira Schwartz
Temple University, Philadelphia, PA, USA
- 9:10 am** **SESSION I—Emerging Viruses and Human Diseases**
CHAIRS: I. Takashima, T. Kurata
Avindra Nath,
Pathophysiology of neurological manifestations of HIV infection
William W. Hall,
Human T lymphotropic viruses: clinical and pathogenic properties
Hiroshi Kida,
Avian influenza viruses as the origin of pandemic strains
- 10:40 am** Discussion
11:00 am Break
11:10 am **SESSION II—Assignment Lecture**
CHAIR: K. Nagashima
Yoshihiro Tsutsui,
Neuropathogenesis in cytomegalovirus infection
- 12:30 pm** Lunch
2:00 pm **SESSION III—Joint Lecture-Viral Oncogenesis**
CHAIR: W. W. Hall
Kamel Khalili,
Polyomaviruses and human neoplasia

Conference Room H

3:00 pm Coffee Break

3:30 pm **SESSION IV—Epidemiology of Polyomaviruses**

CHAIR: V. Nerurkar

Pasquale Ferrante,

Pathogenesis of leukoencephalopathies in HIV+ patients

Joseph Marino,

*Molecular characterization of JC virus (JCV) from
HIV-infected Indian patients with progressive multifocal
leukoencephalopathy (PML)*

4:20 pm **SESSION V—Infection & Viral Assay**

CHAIR: P. Ferrante

Joseph Berger,

JCV in throat washings of normal and HIV-infected persons

Vivek R. Nerurkar,

*A rapid assay to conduct in-vitro polyomavirus
DNA replication*

5:10 pm Poster Session

6:00 pm Welcome Party Reception

Saturday, June 12, 2004

Conference Room H

9:00 am SESSION VI—Molecular Biology & Pathogenesis (I)

CHAIR: K. Khalili

Richard Frisque,

JC virus early proteins: Contributions to virus-host interactions

Mahmut Safak,

JC virus small tumor antigen promotes S phase entry

Walter J. Atwood,

Early events controlling infection of cells by human polyomaviruses

Gretchen V. Gee,

Viral determinants of JCV tropism

10:40 am Coffee Break

11:10 am SESSION VII—Molecular Biology & Pathogenesis (II)

CHAIR: W. Atwood

Deching Chang,

Gene delivery by JC virus-like particle

Akira Nakanishi,

Identification of SV40 Vp1-Vp2/3 interactive interface important for the assembly of infectious particles

Katja Ziegler,

Altered patterns of cellular gene expression by JC virus

12:30 pm Lunch

2:30 pm SESSION VIII—Immunology of JCV

CHAIR: K. Dörries

Ugo Moens,

Human polyomaviruses and autoimmunity to components of chromatin

Igor J. Korlnik,

The cellular immune response against JC virus is instrumental in the containment of progressive multifocal leukoencephalopathy

3:30 pm SESSION IX—Regulation of Polyomaviruses

CHAIR: I. Korlnik

Kristina Dörries,

Interaction of human polyomaviruses with cells of the hematopoietic system

Valeria Pietropaolo,

Role of Sp1 binding site and TAR sequence in the onset or development of PML

4:30 pm Coffee Break

- 5:00 pm** **SESSION X—Function of Agnoprotein**
CHAIR: R. Frisque
 Hirofumi Sawa,
 Human polyomavirus agnoprotein disrupts the interaction
 between HP1 α and LBR
 Kamel Khalili,
 Role of JCV agnoprotein in DNA repair
- 7:00 pm** Spring Banquet

Sunday, June 13, 2004

Conference Room H

- 9:00 am** **SESSION XI—Biology of Polyomavirus Early Proteins**
CHAIR: M. Safak
 Hans H. Hirsch,
 Polyomavirus replication and renal disease
 Sylvia I. Eash,
 Characterization of BK virus infectious entry
- 10:00 am** Coffee Break
- 10:30 am** **SESSION XII—Post HAART era of HIV and JCV**
CHAIR: J. Berger
 Joseph R. Berger,
 Progressive multifocal leukoencephalopathy
 in the AIDS Era
 Jay Rappaport,
 Role of perivascular macrophages trafficking in HIV
 associated dementia complex
 Hidehiro Mizusawa,
 Epidemiological features of progressive multifocal
 leukoencephalopathy (PML) in Japan
- 12:00** Closing Remarks
 Kamel Khalili