

# 21<sup>st</sup> Annual Clinical Virology Symposium

## May 8 – 11, 2005

### Practical Issues in Clinical Virology

**Moderators:** Greg Storch, M.D., St. Louis Children's Hospital, St. Louis, MO

Diane Leland, Ph.D., Indiana University Medical Center, Indianapolis, IN

**Alternatives to Conventional Cell Culture** – Christine Ginocchio, Ph.D., North Shore LIJ Center Health System Lab, Lake Success, NY

**Quality Assurance for Cell Culture** – Janice Matthews-Greer, Ph.D., D(ABMM), Louisiana State University Health Sciences Center, Shreveport, LA

**Interactive Session: Laboratory Problem Solving Vignettes** – Diane Leland, Ph.D., Christine Ginocchio, Ph.D., and Gregory Storch, M.D.

### PANEL DISCUSSIONS

#### Practical Issues in Molecular Diagnostics

**Moderator:** Jeanne Jordan, Ph.D., HCLD, Magee-Women's Research Institute, Pittsburgh, PA

**Staff Issues** – Mario Marcon, Ph.D., D(ABMM), Children's Hospital, Columbus, OH

**Methods and Instrumentation** – Gregory Tsongalis, Ph.D., Dartmouth-Hitchcock Medical Center, Lebanon, NH

**Reimbursement** – Vickie Baselski, Ph.D., University of Tennessee Center for Health Sciences, Memphis, TN

#### Respiratory Sample Testing – Common versus Emerging Agents (Gen-Probe Lectureship)

**Moderator:** Wallace Greene, Ph.D., D(ABMM), Pennsylvania State College of Medicine, Hershey, PA

**Standard Respiratory Panel** – Ella Swierkosz, Ph.D., St. Louis University, St. Louis, MO

**SARS and Metapneumovirus** – James Mahony, Ph.D., St. Joseph's Hospital, Hamilton, Ontario, Canada

**Avian Influenzas** – Malik Peiris, M.D., D.Phil. (Oxon), FRCPath, The University of Hong Kong, Hong Kong, SAR

#### Philip Hanff Memorial Clinical Case Presentations and Discussion

Chair: Richard Hodinka, Ph.D., Children's Hospital of Philadelphia and University of Pennsylvania School of Medicine, Philadelphia, PA

Marie Landry, M.D., Yale University School of Medicine, New Haven, CT

Angela Caliendo, M.D., Ph.D., Emory University, Atlanta, GA

### CLINICAL ASPECTS OF VIRAL DISEASES – Co-Chairs: John L. Sever, M.D., Ph.D., Thomas Smith, Ph.D.

**Coronavirus Replication and Pathogenesis** - Susan Weiss, Ph.D., University of Pennsylvania, Philadelphia, PA

**Seasonal Variation in Susceptibility of Hosts to Viral Infection** - Scott Dowell, M.D., M.P.H., Thailand MOPH – USCDC Collaboration, Nonthaburi, Thailand

**Avian Influenza: A Pandemic Threat (Fredrich Deinhardt Lectureship)** - Malik Peiris, M.D., D.Phil. (Oxon), FRCPath, The University of Hong Kong, Hong Kong, SAR

**Interactions Between Hepatitis G Virus and Human Immunodeficiency Virus** - Jack T. Stapleton, M.D., University of Iowa, Iowa City, IA

### LABORATORY DIAGNOSIS OF VIRAL INFECTIONS – Co-Chairs: Marcela Ferres, M.D., M.P.H., Max Chernesky, Ph.D.

**Microarray Applications in Clinical Virology** - David Wang, Ph.D., Washington University School of Medicine, St. Louis, MO

**Matching Diagnostic Testing to a Clinical Setting** - Cathy Petti, M.D., ARUP Laboratories, Salt Lake City, UT

**Herpesvirus Serology: Uses, Interpretation and Significance (Edith Hsiung Lectureship)** - Rhoda Ashley Morrow, Ph.D., University of Washington, Seattle, WA

**Prion Diagnostics** - Stephen Dealler, MBChB, FRSPath, DTMH, M.D., Royal Lancaster Infirmary, Lancaster, UK

**PREVENTION OF AND THERAPY FOR VIRAL DISEASES – Co-Chairs:** Max Arens, Ph.D., Christine Robinson, Ph.D.

**Use of Reverse Genetics for Influenza Vaccine Development** - Erich Hoffmann, Ph.D., St. Jude Children's Research Hospital, Memphis, TN

**Hepatitis B Virus – Antiviral Treatment and Resistance (Roche Diagnostics Corporation Lectureship)** - Stephen Locarnini, M.D., Ph.D., Victoria Infectious Disease Research Laboratory, North Melbourne, Victoria, Australia

**Poliovirus Elimination: 50 Years After Vaccine Introduction** - Olen Kew, Ph.D., Centers for Disease Control, Atlanta, GA

**RNA Interference in Gene Expression and Viral Therapy** - Rajnish Dave, Ph.D., Thomas Jefferson University, Philadelphia, PA