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## ISID NEWS

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## 13th International Congress on Infectious Diseases

June 19–22, 2008 · Kuala Lumpur, Malaysia · FINAL PROGRAM



## SYMPOSIA

June 19–22, 2008 · Kuala Lumpur, Malaysia · Kuala Lumpur Convention Centre

### Influenza in Animals and People

*In collaboration with the Japanese Society for Infectious Diseases (JAID)*

Friday, June 20, 2008 • 10:15–12:15hrs  
Conference Hall 2

**Co-Chairs:** Nobuhiko Okabe (Japan)  
Paul Anantharajah Tambyah  
(Singapore)

- **The Ongoing Epidemic of Highly Pathogenic Avian Influenza**  
J. Lubroth (Italy)
- **Present Situation and Clinical Features of A/H5N1 Human Infection**  
S. Giriputro (Indonesia)
- **Progress on Global Preparedness for Influenza Pandemic, WHO**  
N. Shindo (Switzerland)
- **Progress on Pre-Pandemic/Pandemic Influenza Vaccine**  
M. Tashiro (Japan)

### Synergy of Bacterial Flora in the Nasopharynx: Impact on Prevention Strategies

*Supported by an educational grant from GlaxoSmithKline*

Friday, June 20, 2008 • 10:15–12:15hrs  
Plenary Theatre

**Co-Chairs:** Ron Dagan (Israel)  
Terry Nolan (Australia)

- **Clinical Implications of Nasopharyngeal Bacterial Colonization**  
T. Murphy (USA)
- **Antibody Responses Following Administration of 10-Valent Pneumococcal Non-Typeable *Haemophilus influenzae* Protein D-Conjugate Vaccine (PHiD-CV) in Filipino Infants**  
N. Bermal (Philippines), E. Alberto (Philippines), M. Hernandez (Philippines), V. Pau (Philippines), A. Fanic (Belgium), S. Gatchalian (Philippines), I. Dieussaert (Belgium), L. Schuerman (Belgium)

For more detailed information  
on the Congress please go to:  
[www.isid.org/13th\\_icid/index.shtml](http://www.isid.org/13th_icid/index.shtml)

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## SYMPOSIA

# 13th International Congress on Infectious Diseases • Symposia

June 19–22, 2008 • Kuala Lumpur, Malaysia • Kuala Lumpur Convention Centre

### Synergy of Bacterial Flora *continued from page 1*

Friday, June 20, 2008 • 10:15–12:15hrs  
Plenary Theatre

- **Impact Estimate of the 10-Valent Pneumococcal Non-Typeable *Haemophilus influenzae* Protein D-Conjugate Vaccine (PHiD-CV) on Invasive Pneumococcal Disease (IPD) in Middle East and Asian Countries**

W.P. Hausdorff (Belgium), F. Beckers (Belgium), R. Dagan (Israel), N. Begg (Belgium), S. Gatchalian (Philippines), L. Schuerman (Belgium)

- **Otitis Media: Why Is it so Difficult to Treat or Prevent?**

G. Navarro-Locsin (Philippines)

- **Preventing Pneumonia: Lessons and Future Implications**

R. Dagan (Israel)

### The Changing Landscape of HIV Therapies

*Supported by an educational grant from MSD*

Friday, June 20, 2008 • 10:15–12:15hrs  
Banquet Hall

**Chair:** Christopher Lee (Malaysia)

- **The Challenge of Treating HIV in Asia**

C. Lee (Malaysia)

- **The Changing Landscape of HIV Therapies: Increased Choices, Increased Challenges**

A. Carr (Australia)

- **ISENTRESS, the First of a New Class of Integrase Inhibitors: Clinical Overview**

C. Hicks (USA)

### Infectious Diarrhea and Enteric Fever

*In collaboration with Fogarty International Center (FIC)*

Friday, June 20, 2008 • 10:15–12:15hrs  
Room 304/305

**Co-Chairs:** Roger Glass (USA)

Jennifer Perera (Sri Lanka)

- **Close Encounters of the ETEC-type**

A. Cravioto (Bangladesh)

- **Typhoid Vaccines as Routine Public Health Tools for Developing Countries: An Idea Whose Time Has Come**

J. Clemens (Republic of Korea)

- **The New Emerging Strain of Cholera: One Step Ahead of Genomics**

G. Balakrish Nair (India)

- **Rotavirus and Rotavirus Vaccines: Are We There Yet?**

R. Glass (USA)

### Beyond Cardiovascular Disease: Statins and Cholesterol in Infectious Diseases

Friday, June 20, 2008 • 10:15–12:15hrs  
Room 302/303

**Co-Chairs:** Keith Joiner (USA)

Jon Cohen (United Kingdom)

- **Statins and Sepsis: Multiple Modifications at Multiple Levels**

M. Terblanche (United Kingdom)

- **Statins in Animal Models of Infection**

M.W. Merx (Germany)

- **Observational Studies of Statins in Bacteremia**

P. Kruger (Australia)

- **Parasites as Host Cholesterol Consumers: The Special Case of *Toxoplasma gondii***

K.A. Joiner (USA)

### The Challenge of Multiple-Resistant Gram-Negative Bacteria

*Supported in part by an educational grant from Basilea and Wyeth Switzerland*

Friday, June 20, 2008 • 15:45–17:45hrs  
Conference Hall 2

**Co-Chairs:** Daniel Lew (Switzerland)

Giuseppe Cornaglia (Italy)

- **Clinical and Public Health Impact of Multiple-Resistant Gram-Negative Bacteria**

Y. Carmeli (Israel)

- **Epidemiology of Multiple-Resistant Gram-Negative Bacteria in Europe and North America**

A. Srinivasan (USA)

- **Burden and Future Gram-Negative Resistance in Asia/Australia**

D.L. Paterson (Australia)

- **How to Prevent the Spread of Multiple-Resistant Gram-Negative Bacteria in the Hospital Setting**

S. Harbarth (Switzerland)

### Overcoming the Challenges of Pertussis Control

*Supported by an educational grant from Sanofi Pasteur*

Friday, June 20, 2008 • 15:45–17:45hrs  
Plenary Theatre

**Co-Chairs:** Usa Thisyakorn (Thailand)

Beatrice De Vos (France)

- **Burden of Pertussis Worldwide: Strategies to Reinforce Pertussis Control in Children, Adolescents, and Adults**

K. Forsyth (Australia)

- **Pertussis Control in Infants and Children**

U. Thisyakorn (Thailand)

- **The Role of Pertussis Booster Vaccinations in Adolescents and Adults**

D. Johnson (USA)

*continued on page 3*

## 13th International Congress on Infectious Diseases • Symposia

June 19–22, 2008 • Kuala Lumpur, Malaysia • Kuala Lumpur Convention Centre

### New Perspectives on Vaccine-Preventable Diseases in Adults: Pneumococcal Disease and Herpes Zoster

*Supported by an educational grant from MSD*

Friday, June 20, 2008 • 15:45–17:45hrs  
Banquet Hall

**Chair:** Jeffrey Hanna (Australia)

- **Opening Remarks—Adult Immunization: Some Thoughts**  
J. Hanna (Australia)
- **Pneumococcal Disease and a Pneumococcal Polysaccharide Vaccine for Older Adults**  
M. Mohan (India)
- **A Vaccine for the Prevention of Herpes Zoster and Its Complications**  
M. Levin (USA)
- **Herpes Zoster (HZ) and Post-Herpetic Neuralgia (PHN)—The Taiwan Perspective**  
C.C. Yang (Taiwan)
- **Herpes Zoster (HZ) and Post-Herpetic Neuralgia (PHN): Burden of Illness, Healthcare Utilization, and Costs—The Thai Perspective**  
P. Pitisuttithum (Thailand)

### New Directions in the Treatment of Fungal Infections

*Supported in part by an educational grant from Schering-Plough*

Friday, June 20, 2008 • 15:45–17:45hrs  
Room 304/305

**Co-Chairs:** Jorge Garbino (Switzerland)  
Doug Webb (USA)

- **The Changing Epidemiology of Fungal Infection: New Pathogens and Problems**  
B. Sathapatayavongs (Thailand)
- **Pharmacodynamics of Antifungal Drugs: A Strategy to Optimize Efficacy**  
D. Andes (USA)
- **New Generation Triazoles: What Do They Offer and When Do We Need Them?**  
T.C. Sorrell (Australia)
- **Understanding the Similarities and Differences of Existing and Emerging Echinocandins**  
M.A. Slavin (Australia)

### Emergence of EV71 in the Asia Pacific in the Last Decade

Friday, June 20, 2008 • 15:45–17:45hrs  
Room 302/303

**Co-Chairs:** Jane Cardosa (Malaysia)  
Mahbubur Rahman (Bangladesh)

- **Epidemiology of EV71 Outbreaks in the Region in the Past Decade**  
A. Kiyu (Malaysia)

- **Clinical Studies on EV71 Neurological Disease**  
M.H. Ooi (Malaysia)
- **Mouse and Non-Human Primate Models for EV71 Disease**  
H. Shimizu (Japan)
- **Update on the Molecular Epidemiology of Human Enterovirus 71 in Taiwan Since 1998**  
H.S. Wu (Taiwan)

### Evidence-Based Infection Control: What is New?

*Supported in part by an educational grant from Johnson & Johnson*

Saturday, June 21, 2008 • 10:15–12:15hrs  
Conference Hall 2

**Co-Chairs:** Richard Wenzel (USA)  
Ziad Memish (Saudi Arabia)

- **CA-MRSA as a Hospital Pathogen**  
R. Wenzel (USA)
- **Preventing Catheter-Related Bloodstream Infections**  
T.M. Perl (USA)
- **Relevant Vaccines for Health Care Workers**  
S. Ponce de Leon (Mexico)
- **Prevention of Surgical Infections**  
A. Widmer (Switzerland)

### New Generation Multivalent Vaccines Designed to Do More

*Supported by an educational grant from MSD*

Saturday, June 21, 2008 • 10:15–12:15hrs  
Plenary Theatre

**Co-Chairs:** Celia Christie (Jamaica)  
Luisa Lina Villa (Brazil)

- **Multivalent Protection Against a Severe Pediatric Disease—Rotavirus**  
C. Christie (Jamaica)
- **Long-Term Benefits of the Quadrivalent Human Papillomavirus Vaccine (HPV)**  
S. Garland (Australia)
- **Value of the Quadrivalent HPV Vaccine**  
L.L. Villa (Brazil)
- **Review of Global and Regional Recommendations for the Pentavalent Rotavirus Vaccine and Quadrivalent HPV Vaccine**  
L.L. Villa (Brazil), C. Christie (Jamaica)

### Intradermal Route: The Natural Pathway for Improved Influenza Vaccination

*Supported by an educational grant from Sanofi Pasteur*

Saturday, June 21, 2008 • 10:15–12:15hrs  
Banquet Hall

**Co-Chairs:** Brian Ward (Canada)  
Beatrice De Vos (France)

- **Global Use of Seasonal Influenza Vaccine**  
D.S. Fedson (France)



SYMPOSIUM

*continued on page 4*

## ISID AWARDS

### Novartis Vaccines Awards

- Tommy Lam  
Hong Kong, China
- R.K. Ratho  
Chandigarh, India

*The Society gratefully acknowledges the support of NOVARTIS VACCINES, which made these awards possible.*

### Sanofi Pasteur Awards

- Joshua A. Owa  
Ile-Ife, Nigeria
- Thomas Victor  
Tygerberg, South Africa

*The Society gratefully acknowledges the support of SANOFI PASTEUR, which made these awards possible.*

### ISID New Investigator Award

- Nguyen Thi Hue  
Ho Chi Minh City, Vietnam

### Intradermal Route *continued from page 3*

Saturday, June 21, 2008 • 10:15–12:15hrs  
Banquet Hall

- **The Potential Benefits of Intradermal Vaccination**  
B.J. Ward (Canada)
- **Clinical Development of a Seasonal Influenza Vaccine by Intradermal Micro-Injection**  
M. Saville (France)
- **From Immunogenicity to Vaccine Efficacy: Insights from Statistical and Causal Models**  
M.E. Halloran (USA)

### Viral Hepatitis

Saturday, June 21, 2008 • 10:15–12:15hrs  
Room 304/305

- Co-Chairs:* Arun Sanyal (USA)  
Yasmin Malik (Malaysia)
- **Treatment of Hepatitis C: Yesterday, Today, and Tomorrow**  
K.R. Reddy (USA)
  - **Managing Drug Resistance in the Hepatitis B-Infected Patient**  
S.S. Tan (Malaysia)
  - **Treatment of Hepatitis C in the HIV-Infected Subject**  
N. Terrault (USA)
  - **Metabolic Abnormalities in HIV Infection**  
A. Sanyal (USA)

### *Orientia tsutsugamushi*: A Neglected Pathogen

Saturday, June 21, 2008 • 10:15–12:15hrs  
Room 302/303

- Co-Chairs:* Didier Raoult (France)  
Eskild Petersen (Denmark)
- **Genome Analysis**  
A.C. Darby (United Kingdom)
  - **Genetic Variability of *Orientia tsutsugamushi***  
P.E. Fournier (France)
  - **The Use of Genomics for the Early Diagnosis of Scrub Typhus and Other Systemic Infectious Diseases**  
D. Relman (USA)
  - **Vector and Epidemiology**  
F. Mahara (Japan)

### The New Face of *Clostridium difficile*-Associated Disease (CDAD)

Saturday, June 21, 2008 • 15:45–17:45hrs  
Conference Hall 2

- Co-Chairs:* John Bartlett (USA)  
Heikki Peltola (Finland)
- **The Spread of Hypervirulent *Clostridium difficile* PCR Ribotype 027 in Europe.**  
E.J. Kuijper (Netherlands)

### • Diagnosing *Clostridium difficile*-Associated Diseases: The State of the Art

C.E. Nord (Sweden)

### • Preventing New and Recurrent CDAD

J. Bartlett (USA)

### • Managing CDAD: Current and Upcoming Approaches

J. Pepin (Canada)

### Cervical Cancer Vaccination: The Need for Strong and Sustained Protection

*Supported by an educational grant from GlaxoSmithKline*

Saturday, June 21, 2008 • 15:45–17:45hrs  
Plenary Theatre

*Co-Chairs:* Fred Zepp (Germany)  
H. Bogaerts (Belgium)

- **HPV Types 16, 18, 45 and 31: The Most Important Oncogenic HPV Types Worldwide**  
F.X. Bosch (Spain)
- **The Value of New Adjuvant Technology**  
F. Zepp (Germany), N. Garçon (Belgium)
- **Cervical Cancer Vaccination: Protection When and Where It Counts**  
T. F. Schwarz (Germany)
- **Implementation of Cervical Cancer Vaccination. Reaching Girls and Women: Challenges and Opportunities**  
S-K. Tay (Singapore)

### Macrolides—Yesterday, Today and Tomorrow

*Supported by an educational grant from PLIVA*

Saturday, June 21, 2008 • 15:45–17:45hrs  
Banquet Hall

*Co-Chairs:* Guy Amsden (USA)  
Bruno Barsic (Croatia)

- **RTI: Treatment Challenges**  
S. Esposito (Italy), B. Barsic (Croatia)
- ***Chlamydia trachomatis*: Area Under the Iceberg**  
I. Sziller (Hungary)
- **Acne vulgaris—Old/New Treatment?**  
H. Zelenkova (Slovakia)
- **Infectious Gastroenterocolitis: Use or Not to Use Antibiotics?**  
D. Vukelic (Croatia)

### Biodiversity

Saturday, June 21, 2008 • 15:45–17:45hrs  
Room 304/305

- Co-Chairs:* David Relman (USA)  
Eric Summers (USA)
- **Diversity of Human Microbial Pathogens and Commensals**  
D. Relman (USA)
  - **Evolution of Diversity in Pathogen Populations**  
M. Eppinger (USA)

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## 13th International Congress on Infectious Diseases • Symposia

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### Biodiversity *continued from page 4*

Saturday, June 21, 2008 • 15:45–17:45hrs  
Room 304/305

- **Retroviral Biodiversity: Practical Consequences for HIV Treatment and Prevention**  
M. Wainberg (Canada)
- **Diversity at the Virus-Bacterium Interface**  
D. Raoult (France)

### AIDS in Asia: The New Tsunami

Saturday, June 21, 2008 • 15:45–17:45hrs  
Room 302/303

*Co-Chairs:* N. Kumarasamy (India)  
Kevin R. Frost (USA)

- **AIDS in India**  
S. Solomon (India)
- **AIDS in Thailand**  
P. Phanuphak (Thailand)
- **AIDS Control in China**  
Y. Shao (China)
- **AIDS in Malaysia**  
A. Kamarulzaman (Malaysia)

### Antibiotic Practices and Resistance in Areas of Unstable Health Infrastructures

Saturday, June 21, 2008 • 15:45–17:45hrs  
Room 301

*Co-Chairs:* Vladimír Krčméry (Slovakia)  
Dilip Mathai (India)

- **Antimicrobial Practices and Resistance in Pediatrics in an HIV Endemic Area of Cambodia**  
J. Benca (Cambodia), L. Seng Duong (Cambodia)
- **Antibiotic Practices and Resistance in Genocide Areas of Darfur and Southern Sudan**  
V. Krčméry (Slovakia), S. Njambi (Sudan)
- **Antibiotic Practices and Resistance in Rural Haitian Population Isolated by Previous Civil War Conflicts**  
A. Augustinova (Haiti), K. Holeckova (Slovakia)
- **Antibiotic Practices and Policies in Slums of Nairobi and Among Economic Refugees in Turbana Area**  
V. Sladeckova (Kenya), J. M. Muli (Kenya)

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*ISID would like to acknowledge the following*

## 13TH ICID SPONSORS

Kuala Lumpur, Malaysia • June 19–22, 2008

### Premier Sponsors



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Drugs for Neglected Diseases Initiative (DNDi)	Malaysian Society of Infectious Diseases and Chemotherapy (MSIDC)
Infectious Disease Society of Taiwan (IDST)	Ministry of Health Malaysia
International Federation for Animal Health (IFAH)	Novartis Vaccines
International Society for Anaerobic Bacteria (ISAB)	PATH
International Society of Chemotherapy (ISC)	PLIVA, A Member of the Barr Group
Japanese Association for Infectious Diseases (JAID)	Sanofi Pasteur
Johnson & Johnson	Schering Plough
	Tourism Malaysia
	Western Pacific Society of Chemotherapy (WPSC)
	Wyeth Switzerland



The ISID would like to recognize and acknowledge the support received from the following organizations:



Ministry of Health Malaysia  
Official Host for the 13th International Congress on Infectious Diseases



Malaysian Society of Infectious Diseases and Chemotherapy (MSIDC)



KUALA LUMPUR CONVENTION CENTRE



Official Carrier  
13th International Congress on Infectious Diseases



## SYMPOSIA

# 13th International Congress on Infectious Diseases • Symposia

June 19–22, 2008 • Kuala Lumpur, Malaysia • Kuala Lumpur Convention Centre

### Community-Acquired MRSA: What in the World is Going On?

*Supported in part by an educational grant from Pfizer*

Sunday, June 22, 2008 • 10:15–12:15hrs  
Conference Hall 2

**Co-Chairs:** Henry Chambers (USA)  
Wing-Hong Seto (China)

- **The Origin and Evolution of MRSA**  
B. Kreiswirth (USA)
- **Evasion of Innate Host Defense by *Staphylococcus aureus***  
F DeLeo (USA)
- **Microbial Pathogenesis of Community-Acquired MRSA Infections**  
T.J. Foster (Ireland)
- **Clinical Aspects of the Community-Acquired MRSA Epidemic**  
H. Chambers (USA)

### Partnering in R&D to Develop New Drugs for the Most Neglected Diseases

*Supported by an educational grant from DNDi*

Sunday, June 22, 2008 • 10:15–12:15hrs  
Plenary Theatre

**Co-Chairs:** Tan Sri Datuk Dr. Mohd Ismail  
Merican (Malaysia)  
Visweswaran Navaratnam (Malaysia)

- **Current Discovery Research and Most Promising Avenues, Including Anti-Trypanosomal Screens of Kitasato Natural Products**  
H. Yamada (Japan)
- **Progress in Discovery and Development of Drug to Treat Dengue Fever**  
P. Herrling (Switzerland)
- **Improving Malaria Treatment and Compliance—Examining Clinical Evidence on a New Fixed-Dose Combination of Artesunate and Mefloquine**  
E. Ashley (Thailand)
- **Efficacy and Safety of Artesunate-Amodiaquine Fixed-Dose Combination in India**  
N. Valecha (India)
- **New Treatment Options for Visceral Leishmaniasis: What's Available and in Clinical Development**  
P. Olliaro (Switzerland)

### Extensively Drug-Resistant TB: New Name or New Problem

*In collaboration with the International Society of Chemotherapy (ISC)*

Sunday, June 22, 2008 • 10:15–12:15hrs  
Banquet Hall

**Co-Chairs:** Timothy Brewer (Canada)  
Eduardo Gotuzzo (Peru)

- **The Epidemiology of XDR TB in KwaZulu Natal South Africa: A New name or a New Problem**  
R. Rustomjee (South Africa)

- **MDR-TB and XDR-TB in Asia**  
T.E. Tupasi (Philippines)

- **Rapid Diagnosis of MDR-TB in Low-Resource Settings**  
D.A.J. Moore (United Kingdom)

- **The Epidemiology of MDR-TB in Peru**  
E. Gotuzzo (Peru)

### Controlling Japanese Encephalitis: Advances in Detection and Prevention

*Supported by an educational grant from PATH*

Sunday, June 22, 2008 • 10:15–12:15hrs • Room 304/305

**Co-Chairs:** Supamit Chunsuttiwat (Thailand)  
John Wecker (USA)

- **Measuring Japanese Encephalitis Disease Burden: Challenges in Surveillance and Diagnostics**  
M. Fischer (USA)
- **Japanese Encephalitis in Indonesia: New Findings on Geographical Extent and Disability from the Disease**  
E.R. Sedyaningsih (Indonesia)
- **The Landscape of New Vaccines for Japanese Encephalitis: Country-Level Strategies for Introduction**  
M.R.N. Abeysinghe (Sri Lanka)
- **Japanese Encephalitis Control: What Can Be Achieved?**  
J. Hombach (Switzerland)

### International Perspectives on Palliative Care for People with HIV/AIDS

Sunday, June 22, 2008 • 10:15–12:15hrs  
Room 302/303

**Co-Chairs:** David Casarett (USA)  
Guillermo Acuña (Chile)

- **International Perspectives on Hospice and Palliative Care for HIV/AIDS**  
S.R. Connor (USA)
- **Clinical Issues in Palliative Care for HIV/AIDS**  
E. Hamzah (Malaysia)
- **Successful Development in Hospice and Palliative Care in Asia**  
C.R. Goh (Singapore)
- **National and International Measurement Opportunities**  
D. Casarett (USA)

### Treatment of Acute Otitis Media in Children—Never Simple

Sunday, June 22, 2008 • 15:45–17:45hrs  
Conference Hall 2

**Co-Chairs:** Ron Dagan (Israel)  
Adriano Arguedas (Costa Rica)

- **How to Evaluate Response to Treatment in AOM**  
D.P. McCormick (USA)

*continued on page 7*

## 13th International Congress on Infectious Diseases • Symposia

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### Treatment of Acute Otitis Media in Children

*continued from page 6*

Sunday, June 22, 2008 • 15:45–17:45hrs  
Conference Hall 2

- **Summary of Studies With New Antibiotics in AOM in Last Decade—Where Are We?**  
A. Arguedas (Costa Rica)
- **What Do Antibiotics Really Do In AOM?**  
R. Dagan (Israel)
- **Delayed Antibiotic Treatment of AOM—Risks and Benefits**  
P. Little (United Kingdom)

### Treatment of Infections Caused by Highly Drug-Resistant Bacteria

*In collaboration with the Infectious Diseases Society of Taiwan and the Western Pacific Society of Chemotherapy (WPSC)*

Sunday, June 22, 2008 • 15:45–17:45hrs  
Banquet Hall

- Co-Chairs:** Chen-Yi Liu (Taiwan)  
Victor Lim (Malaysia)
- **Multi-Resistant Enterobacteriaceae**  
J. Turnidge (Australia)
  - **Carbapenem-Resistant Pseudomonas and Acinetobacter**  
A. Kamarulzaman (Malaysia)
  - **Ceftriaxone-Resistant Salmonella**  
A. Gupta (USA)
  - **Fluoroquinolone-Resistant Gonorrhea**  
P.R. Hsueh (Taiwan)

### Update on Clinically Significant Anaerobes

Sunday, June 22, 2008 • 15:45–17:45hrs  
Room 304/305

- Co-Chairs:** Carl-Erik Nord (Sweden)  
Visanu Thamlikitkul (Thailand)
- **Antimicrobial Resistance Among Anaerobes—The European Experience**  
C.E. Nord (Sweden)

- **Clostridium difficile Type O27, Coping with a More Virulent Strain**  
E.J. Kuijper (Netherlands)
- **Molecular Biology of Protein Glycosylation in the Symbiotic Anaerobe Bacteroides Fragilis**  
C.M. Fletcher (USA)
- **Anaerobes As Biofilms**  
G. Donelli (Italy)

### Antiretrovirals for Prevention of HIV

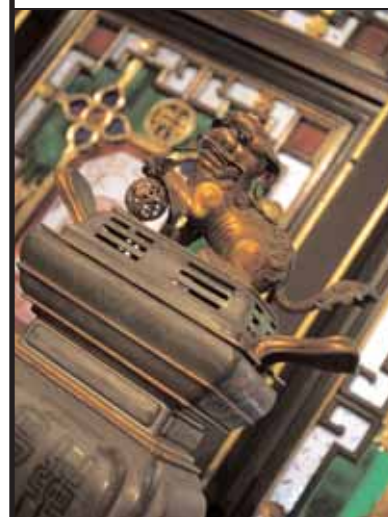
Sunday, June 22, 2008 • 15:45–17:45hrs  
Room 302/303

- Co-Chairs:** Kenneth Mayer (USA)  
Norliza Ariffin (Malaysia)
- **Epidemic? The Public Health Perspective**  
N. Kumarasamy (India)
  - **Can Expanded Treatment Slow the AIDS Epidemic? The Behavioral Scientist's View**  
K. Chillag (USA)
  - **Antivirals in Uninfected People: PrEP and PEP**  
A.E. Grulich (Australia)
  - **Antivirals for HIV Prevention**  
K. Mayer (USA)

### Emerging Rickettsioses in Asia

Sunday, June 22, 2008 • 15:45–17:45hrs  
Room 301

- Co-Chairs:** Didier Raoult (France)  
Jaime Torres (Venezuela)
- **Spotted Group Rickettsioses in Asia**  
O. Mediannikov (Russia)
  - **Scrub Typhus**  
Y. Suputtamongkol (Thailand)
  - **Different Clinical Expression of Murine Typhus and Scrub Typhus**  
P.N. Newton (Lao People's Democratic Republic)
  - **Diagnosis of Rickettsioses**  
D. Raoult (France)



## SYMPOSIUM

## PLENARY LECTURES

**Bruce Beutler (United States)**  
**Genetics of Innate Immunity**  
Friday, June 20, 2008 • 09:00–09:45hrs  
Conference Hall 1–3

**Roy M. Anderson (United Kingdom)**  
**Models of Tools for Optimizing Public Health Preparedness: The Case of Pandemic Influenza**  
Friday, June 20, 2008 • 14:30–15:15hrs  
Conference Hall 1–3

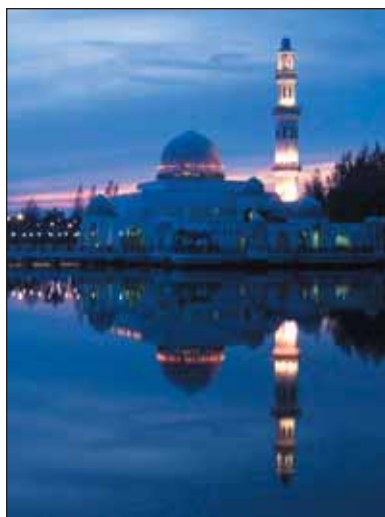
**Satoshi Omura (Japan)**  
**Drug Discovery as a Public Health Intervention: The Ivermectin Story**  
Saturday, June 21, 2008 • 09:00–09:45hrs  
Conference Hall 1–3

**Julie Gerberding (United States)**  
**21st Century Global Health Protection**  
Saturday, June 21, 2008 • 14:30–15:15hrs  
Conference Hall 1–3

**William Nauseef (United States)**  
**The Role of Neutrophils in Infection**  
Sunday, June 22, 2008 • 09:00–09:45hrs  
Conference Hall 1–3

**David L. Heymann (Switzerland)**  
**Emerging Infections: What Have We Learned After 15 Years?**  
Sunday, June 22, 2008 • 14:30–15:15hrs  
Conference Hall 1–3

## PLENARY LECTURES



## ORAL PRESENTATIONS

### 13th International Congress on Infectious Diseases · Oral Presentations

June 19–22, 2008 · Kuala Lumpur, Malaysia · Kuala Lumpur Convention Centre

#### Epidemiology and Public Health

Friday, June 20, 2008 · 10:15–12:15hrs · Room 301

**Co-Chairs:** Timothy Brewer (Canada) • Tan Kah Kee (Malaysia)

- **Activities of Artesunate and Amodiaquine against Intestinal Helminth in Children with *Plasmodium falciparum* Malaria in Endemic Area**  
A.A. Adedeji (Nigeria)
- **Transmission Dynamics of MDR-TB and XDR-TB in Areas of Varying HIV Prevalence**  
T.C. Victor (South Africa)
- **The Emergence of Nipah Virus in Malaysia: The Role of Pteropus Bats as Hosts and Agricultural Expansion as a Key Factor for Zoonotic Spillover**  
J.H. Epstein (USA)
- **Increased Risk of Death in HIV-Infected Patients with Pneumococcal Meningitis, South Africa, 2003–2005**  
P. Nyasulu (South Africa)
- **Intradermal Influenza Vaccine Elicits Superior Immunogenicity in Adults Aged 60 Years: A Randomized Controlled Phase 3 Trial**  
M. Saville (France)
- **Comparison of Fluorescence Microscopy with Ziehl-Neelsen Technique in the Examination of Sputum for Acid-Fast Bacilli Using Bleach Centrifugation Method**  
S.W. Matu (Kenya)
- **Polymerase Chain Reaction and Mosquito Dissection as Tools to Monitor Filarial Infection Levels Following Mass Treatment in Gampaha District, Sri Lanka**  
N.D.A.D. Wijegunawardana (Sri Lanka)
- **Condom Use Varies with Age and Partner Types Among High Risk Heterosexual Men in Hong Kong**  
K. Lee (China)
- **Large Outbreak of Orally-Acquired Acute Chagas' Disease, in a Public School of Caracas, Venezuela**  
J.R. Torres (Venezuela)
- **Extensive Transmission of Mycobacterium Tuberculosis from a 9-Year-Old Child with Sputum-Smear-Negative Pulmonary Tuberculosis**  
M.E. Lilley (United Kingdom)

#### New Insights into Infectious Diseases

Friday, June 20 2008 · 15:45–17:45hrs · Room 301

**Co-Chairs:** Eric Summers (USA) • Zamberi Sekawi (Malaysia)

- **Human Chromosome 17q11.2-q22 Contains Typhoid Fever Susceptibility Genes**  
H. Nguyen (Vietnam)
- **Role of ORF 1 Polymorphism, Viral Load and Cytokine Response in the Pathogenesis of Acute and Fulminant Hepatitis E Virus Infection**  
R.K. Ratho (India)
- **Genome Wide Search for Visceral Leishmaniasis Susceptibility Genes in Sudanese Population**  
M. Fadl (Sudan)
- **Microarray Analysis of Gene Regulation in *Streptococcus pneumoniae* Upon Penicillin Exposure**  
N.K. Palanisamy (Malaysia)
- **Diversity of Coronaviruses in Bats: Insights Into Origin of SARS Coronavirus**  
S.K.P. Lau (China)
- **Analysis of Putative Virulence Factors in *Enterococcus faecium* Isolated from Different Sources in Iran**  
S. Jahangiri (Iran, Islamic Republic of)
- **Immunogenicity of Novel Consensus-Based DNA Vaccines Against Chikungunya Virus**  
K. Muthumani (USA)
- **Post-Exposure Vaccination with a Highly Attenuated Vaccinia Vaccine, LC16m8, for Protection of Nonhuman Primates from Monkeypox**  
M. Saijo (Japan)
- **Distribution and Genetic Diversity of *Plasmodium falciparum* Erythrocyte Binding Antigen 175 and Clinical Outcome of Malaria in the Kassena-Nankana District**  
B. Egyir (Ghana)
- ***Mycobacterium avium* KatG protein (MAV\_2753): Possible Role in the Pathogenesis of MAC Disease**  
I. Verma (India)

continued on page 9



## 13th International Congress on Infectious Diseases • Oral Presentations

June 19–22, 2008 • Kuala Lumpur, Malaysia • Kuala Lumpur Convention Centre

### Exciting Cases in Infectious Diseases

Saturday, June 21, 2008 • 10:15–12:15hrs • Room 301

**Co-Chairs:** Suresh Kumar (Malaysia) • Carla Odio (Costa Rica)

- **Postpartum Onset of HTLV-1-Associated Myelopathy/Tropical Spastic Paraparesis (HAM/TSP): A Report of 7 Cases from Peru**  
E Ita (Peru)
- **Clinico-Epidemiological Study of Pure Neural Leprosy From a Tertiary Hospital in Delhi, India**  
S. Khandpur (India)
- **Brucellar Epididymo-Orchitis: Review of 45 Cases in Babol North of Iran**  
M.R. Hasanjani Roushan (Iran, Islamic Republic of)
- **The Expanded Access Program to HAART in Chile: Baseline Characteristics and Primary Outcomes of Patients Receiving Treatment, Evaluated Through the Chilean AIDS Cohort (ChiAC)**  
C. Cortes (Chile)
- **Ocular Toxocariasis in Peru: A Report of 16 Cases**  
E. Gotuzzo (Peru)
- **RNA Viruses Are an Important Cause of Community-acquired Pneumonia in Nepalese Children Living in a Semi-urban District in Kathmandu Valley**  
M. Mathisen (Norway)
- **East African Trypanosomiasis in Travellers**  
L. Blumberg (South Africa)
- **Is Pregnancy Outcome Influenced by Chikungunya Infection? A Case-Control Study in 1401 Pregnant Women Enrolled in the CHIMERE Cohort**  
X. Fritel (France)
- **Pilot Study of Magnesium Sulphate in Adults with Tetanus**  
P.J. Mathew (India)

### Hot Topics

Sunday, June 22, 2008 • 10:15–12:15hrs • Room: 301

**Co-Chairs:** Larry Madoff (USA) • Adeeba Kamarulzaman (Malaysia)

- **Role of the C-terminal Domain of OmpA Receptor, Ecgp in Stat3 Interaction During *Escherichia coli* K1 Invasion of Brain Microvascular Endothelial Cells**  
P. Nemani (USA)
- **Molecular Epidemiology of H5N1 Avian Influenza Virus: Correlations between Antigenic Drift, Geographical Migration and Expansion of Viral Diversity**  
T.Y. Lam (China)
- **Pathogenicity of Lagos Bat Virus—An African Rabies-Related Lyssavirus**  
W. Markotter (South Africa)
- **Design and Development of a Novel Electrochemical DNA Biosensor for Rapid Molecular Identification of *Enterococcus faecium***  
Y.Y. Chan (Malaysia)
- **Development of a Thermostabilized Cholera-NASBA-ELISA Assay for the Specific Detection of *Vibrio cholerae***  
S.Y. Lee (Malaysia)
- **Epidemiology and Pathogenicity of Methicillin-Resistant *Staphylococcus aureus* Isolates from Pediatric Patients in China**  
W.S. Zhang (China)
- **Sero-Epidemiological Results in the Human Population Exposed to Highly Pathogenic Avian Influenza H5N1 Outbreak in a Large Poultry Farm in the East of England**  
P. Nair (United Kingdom)
- **Pediatric Community-Associated Methicillin-Resistant *Staphylococcus aureus* Infection at Chris Hani Baragwanath Hospital, Soweto, South Africa**  
M.J. Groome (South Africa)
- **Retrospective Investigation of a Dengue-Like Syndrome in a Rural Area in Western Cameroon**  
M. Demanou (Cameroon)



ORAL  
PRESENTATIONS

# ~ MEET-THE-EXPERT ~

**Meet-the-Expert Sessions** are scheduled on Saturday, June 21, and Sunday, June 22, from 07:45 to 08:45hrs. Delegates are invited to meet informally with leading scientists. The Sessions will be held at the **Convention Center** in rooms **302/303 and 304/305** on **Level 3**.

Continental breakfast will be provided for participants in these sessions.

## SATURDAY, June 21, 2008

07:45–08:45hrs • Room 302/303

### Challenges in Managing Treatment-Experienced Patients

*Supported by an educational grant from MSD*

Charles Hicks (USA)

## SUNDAY, June 22, 2008

07:45–08:45hrs • Room 302/303

### The Challenge of Dengue

Raul Isturiz (Venezuela)

Jaime Torres (Venezuela)

07:45–08:45hrs • Room 304/305

### Treating Community-Acquired Pneumonia

John Bartlett (USA)

13th International Congress on Infectious Diseases

Schedule at-a-Glance

		Kuala Lumpur Convention Centre								
		Conference Hall 1-3	Conference Hall 2	Plenary Theatre	Banquet Hall	Room 304 & 305	Room 302 & 303	Room 301		
THURSDAY JUNE 19	afternoon								afternoon	THURSDAY JUNE 19
	17:30–21:30hrs	Opening Ceremony & Welcome Reception							17:30–21:30hrs	
FRIDAY JUNE 20	09:00–09:45hrs	Session 01 <b>Plenary I</b> (B. Beutler)							09:00–09:45hrs	FRIDAY JUNE 20
	09:45–10:15hrs	Coffee Break— Exhibition & Poster Area (Ballroom/3rd Level)							09:45–10:15hrs	
	10:15–12:15hrs	Session 02 Influenza in Animals and People (S)	Session 03 Synergy of Bacterial Flora (S)	Session 04 HIV Therapies (S)	Session 05 Infectious Diarrhea (S)	Session 06 Statins and Cholesterol in ID (S)	Session 07 Epidemiology & Public Health (O)	10:15–12:15hrs		
	12:30–14:15hrs	Satellite Symposium Immuno-Compromised Patients (SAT)		Satellite Symposium Pneumococ. Vaccination (SAT)		Satellite Symposium Emerging Diseases (SAT)			12:30–14:15hrs	
	12:15–14:30hrs	Lunch Break & Poster Session (Sessions 15–25)— Exhibition & Poster Area (Ballroom/3rd Level)							12:15–14:30hrs	
	14:30–15:15hrs	Session 08 <b>Plenary II</b> (R. Anderson)							14:30–15:15hrs	
	15:15–15:45hrs	Coffee Break—Exhibition & Poster Area (Ballroom/3rd Level)							15:15–15:45hrs	
	15:45–17:45hrs	Session 09 Multiple-Resistant Gram-Negative Bacteria (S)	Session 10 Pertussis Control (S)	Session 11 Adult Vaccines (S)	Session 12 Fungal Infections (S)	Session 13 EV71 in the Asia Pacific (S)	Session 14 New Insights into ID (O)	15:45–17:45hrs		
18:00–20:00hrs	Satellite Symposium Advances in Vaccination (SAT)							18:00–20:00hrs		
SATURDAY JUNE 21	07:45–08:45hrs					Satellite Symposium 07:15am Recurrent Infection (SAT)	Meet-the-Expert HIV Management	07:45–08:45hrs		
	09:00–09:45hrs	Session 26 <b>Plenary III</b> (S. Omura)							09:00–09:45hrs	
	09:45–10:15hrs	Coffee Break— Exhibition & Poster Area (Ballroom/3rd Level)							09:45–10:15hrs	
	10:15–12:15hrs	Session 27 Evidence-based Infection Control (S)	Session 28 Multivalent Vaccines (S)	Session 29 Influenza Vaccination (S)	Session 30 Viral Hepatitis (S)	Session 31 Orientia tsutsugamushi (S)	Session 32 Exciting Cases in ID (O)	10:15–12:15hrs		
	12:30–14:15hrs	Satellite Symposium HSN1 Vaccines (SAT)		Satellite Symposium Empiric Antibiotic Therapy (SAT)		Satellite Symposium Animals Need Medicine (SAT)			12:30–14:15hrs	
	12:15–14:30hrs	Lunch Break & Poster Session (Sessions 40–50)—Exhibition & Poster Area (Ballroom/3rd Level)							12:15–14:30hrs	
	14:30–15:15hrs	Session 33 <b>Plenary IV</b> (J. Gerberding)							14:30–15:15hrs	
	15:15–15:45hrs	Coffee Break— Exhibition & Poster Area (Ballroom/3rd Level)							15:15–15:45hrs	
15:45–17:45hrs	Session 34 <i>Clostridium difficile</i> -Associated Disease (S)	Session 35 Cervical Cancer Vaccination (S)	Session 36 Macrolides (S)	Session 37 Biodiversity (S)	Session 38 AIDS in Asia (S)	Session 39 Antibiotic Practices and Resistance (S)	15:45–17:45hrs			
18:00–20:00hrs	Satellite Symposium Pediatric Vaccines (SAT)							18:00–20:00hrs		
SUNDAY JUNE 22	07:45–08:45hrs					Meet-the-Expert Treating CAP	Meet-the-Expert Dengue	07:45–08:45hrs		
	09:00–09:45hrs	Session 51 <b>Plenary V</b> (W. Nauseef)							09:00–09:45hrs	
	09:45–10:15hrs	Coffee Break— Exhibition & Poster Area (Ballroom/3rd Level)							09:45–10:15hrs	
	10:15–12:15hrs	Session 52 Community-Acquired MRSA (S)	Session 53 New Drugs for Most Neglected Diseases (S)	Session 54 Drug-Resistant TB (S)	Session 55 Japanese Encephalitis (S)	Session 56 HIV/AIDS, Palliative Care (S)	Session 57 Hot Topics (O)	10:15–12:15hrs		
	12:30–14:15hrs						ISID Business Meeting		12:30–14:15hrs	
	12:15–14:30hrs	Lunch Break & Poster Session (Sessions 64–73)—Exhibition & Poster Area (Ballroom/3rd Level)							12:15–14:30hrs	
	14:30–15:15hrs	Session 58 <b>Plenary VI</b> (D. Heymann)							14:30–15:15hrs	
	15:15–15:45hrs	Coffee Break—Exhibition & Poster Area (Ballroom/3rd Level)							15:15–15:45hrs	
15:45–17:45hrs	Session 59 Acute <i>Ornithobacterium</i> in Children (S)			Session 60 Highly Drug-Resistant Bacteria (S)	Session 61 Clinically Significant Anaerobes (S)	Session 62 Antiretrovirals for Prevention of HIV (S)	Session 63 Rickettsioses in Asia (S)	15:45–17:45hrs		

(S) = Symposium, (O) = Oral Presentations, (SAT) = Satellite Symposium



## SATELLITE SYMPOSIA

### 13th International Congress on Infectious Diseases • Satellite Symposia

June 19–22, 2008 • Kuala Lumpur, Malaysia • Kuala Lumpur Convention Centre

#### The Role of Pneumococcal Vaccination in an Era of Antibiotic Resistance and Pandemic Influenza

*Sponsored by Wyeth*

Friday, June 20, 2008 • 12:30–14:15hrs • Banquet Hall

- **Impact of PCV7 on Infections Caused by Antibiotic-resistant *Streptococcus pneumoniae***  
Ron Dagan (Israel)
- **Antibiotic Resistance**  
Jae-Hoon Song (South Korea)
- **Is There Still a Need for the Prudent Use of Antibiotics in the PCV Era?**  
Ron Dagan (Israel)
- **Influenza and Pneumococcal Pneumonia**  
Keith P. Klugman (USA)
- **The Future of Pneumococcal Disease Prevention**  
Bernard Fritzell (France)

#### Update in Emerging Infectious Diseases 2008

*Organized by ProMED-mail*

Friday, June 20, 2008 • 12:30–14:15hrs • Room 301

- **Viral Diseases**  
Tom Yuill (USA)
- **Bacterial Diseases**  
Larry Lutwick (USA)
- **Parasitic Diseases**  
Eskild Petersen (Denmark)
- **Zoonotic Diseases**  
Arnon Shimshony (Israel)
- **Mekong Basin Regional Update (PRO/MBDS)**  
Marjorie Pollack (USA)
- **Mapping and Data Aggregation on Healthmap**  
John Brownstein (USA)
- **Plant Disease Update and Why You Should Care**  
Dagmar Hanold (Australia)

#### Life-threatening Infections in Immunocompromised Patients

*Sponsored by Pfizer*

Friday, June 20, 2008 • 12:30–14:15hrs • Plenary Theatre

- **Trends and Challenges in the Management of Infection in Immunocompromised Patients in Asia**  
Christopher Lee (Malaysia)
- **Treatment of Aspergillosis: IDSA Clinical Practice Guidelines**  
Thomas Patterson (USA)
- **Early Antifungal Treatment: Rationale and Advantages**  
Monica Slavin (Australia)

#### Advances in Vaccination: 21st Century Solutions to Age-Old Diseases

*Sponsored by Novartis Vaccines*

Friday, June 20, 2008 • 18:00–20:00hrs • Banquet Hall

- **A Fully Liquid Pentavalent Vaccine: Clinical Experiences and Practical Benefits**  
Angela Gentile (Argentina)
- **From Drift to Shift: Broad Immunity with MF59®-adjuvanted Influenza Vaccines**  
Theodore Tsai (USA)
- **Comprehensive Protection Against Invasive Meningococcal Disease**  
Terry Nolan (Australia)

*continued on page 12*

## 13th International Congress on Infectious Diseases • Satellite Symposia

June 19–22, 2008 • Kuala Lumpur, Malaysia • Kuala Lumpur Convention Centre

### Evaluation and Management of the Patient with Recurrent Infection

*Sponsored by CSL Bioplasma* Saturday, June 21, 2008 • 07:15–08:45hrs • Room 304/305

**Presenting Organization:** Asia Pacific Immunoglobulins in Immunology Expert Group

- **Evaluation of Humoral Immune Function in the Patient with Recurrent Infection**  
Mimi Tang (Australia)
- **Controversies in Immunoglobulin Replacement for Immune Deficiency**  
Mimi Tang (Australia)

### Animals Need Medicine Too

*Sponsored by IFAH (International Federation for Animal Health)* Saturday, June 21, 2008 • 12:30–14:15hrs • Room 304/305

- **The Responsible Use of Antimicrobials**  
Ching Ching Wu (USA)
- **The Importance of Antimicrobials to Animal Health and Public Health**  
Yong Ho Park (South Korea)

### Advances in the Development of H5N1 Vaccines and Their Role in Pandemic Planning

*Sponsored by Baxter BioScience, Vaccines* Saturday, June 21, 2008 • 12:30–14:15hrs • Plenary Theatre

- **Lessons Learned from the Spanish Flu in 1918**  
Lance Jennings (New Zealand)
- **What Could be the Role of Pre-pandemic Vaccination in Today's Preparedness Planning?**  
Jonathan Van Tam (United Kingdom)
- **Vero Cell Technology and H5N1 Influenza Vaccines—An Unique Combination**  
Noel Barrett (Austria)
- **Clinical Development of H5N1 Vaccines using Different Strains**  
Greg Berezuk (USA)

### Selecting Empiric Antibiotic Therapy in an Era of Multi-Drug Resistance— Is the Cupboard Really Bare?

*Sponsored by Wyeth* Saturday, June 21, 2008 • 12:30–14:15hrs • Banquet Hall

- **Global Resistance Trends and the Potential Impact on Empirical Therapy**  
Raul Isturiz (Venezuela)
- **What's New on the Antimicrobial Horizon?**  
Jae-Hoon Song (South Korea)
- **A Review of Tigecycline: The First Glycylcycline**  
Lance R. Peterson (USA)

### Bridging the Gap: Global Advances in Pediatric Vaccination

*Sponsored by GSK* Saturday, June 21, 2008 • 18:00–20:00hrs • Plenary Theatre

- **From Prompt Infant Protection with Infanrix to Routine Pertussis Boosters**
- **Optimizing Vaccination Strategy and Control of Varicella**
- **Ready to Conquer Rotavirus Worldwide:  
A Vaccine with Demonstrated Global Efficacy**
- **New Asian Efficacy Data with Rotarix™**



SATELLITE  
SYMPOSIA

# Synergy of Bacterial Flora in the Nasopharynx: Impact on Prevention Strategies

**Friday**  
**20<sup>th</sup> June, 2008**  
10.15 – 12.15  
Plenary Theatre



**GSK SPONSORED SYMPOSIUM**  
**ICID 2008**, 13<sup>th</sup> International Congress on Infectious Diseases  
Kuala Lumpur, Malaysia, June 19-22, 2008



Scientific Symposium:  
**The Changing  
Landscape  
of HIV Therapies**

Friday, June 20, 2008  
10:15–12:15  
Banquet Hall



Helping  
**Protect Lives**  
Helping  
**Save Lives**



Adult Vaccines Symposium:  
**New Perspectives on  
 Vaccine-preventable  
 Diseases in Adults:  
 Pneumococcal Disease  
 and Herpes Zoster**

Friday, June 20, 2008  
 15:45-17:45  
 Banquet Hall



Pediatric and Adolescent  
 Vaccines Symposium:  
**New Generation  
 Multivalent Vaccines  
 Designed to Do More**

Saturday, June 21, 2008  
 10:15-12:15  
 Plenary Theater



Helping  
**Protect Lives**  
 Helping  
**Save Lives**

Helping  
**Protect Lives**  
 Helping  
**Save Lives**

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# Cervical cancer vaccination: The need for strong and sustained protection

**Saturday 21<sup>st</sup> June, 2008**  
15.30 - 17.30  
Plenary Theatre

**GSK SPONSORED SYMPOSIUM**  
**ICID 2008**, 13<sup>th</sup> International Congress on Infectious Diseases  
Kuala Lumpur, Malaysia, June 19-22, 2008



## THE ROLE OF PNEUMOCOCCAL VACCINATION IN AN ERA OF ANTIBIOTIC RESISTANCE AND PANDEMIC INFLUENZA

**KUALA LUMPUR  
CONVENTION CENTRE  
BANQUET HALL  
KUALA LUMPUR, MALAYSIA**

**FRIDAY, 20 JUNE 2008**  
**12:30 – 14:15**

**CHAIR**  
**Professor Ron Dagan**  
Director  
Pediatric Infectious Disease Unit  
Soroka University Medical Center  
Ben-Gurion University of the Negev  
Beer-Sheva, Israel

**FACULTY PRESENTERS**  
**Keith P. Klugman, MD, PhD**  
William H. Foegen Professor of Global Health  
Rollins School of Public Health  
Emory University  
Atlanta, Georgia, United States

**Bernard Fritzell, MD**  
Vice President  
International Scientific and Clinical Affairs  
Wyeth Vaccines  
Wyeth Pharmaceuticals France  
Paris, France

**Professor Jae-Hoon Song**  
Professor of Medicine  
Division of Infectious Diseases  
Samsung Medical Center  
Sungkyunkwan University School of Medicine  
Seoul, Korea

### PROGRAM OVERVIEW

*Streptococcus pneumoniae* is a major cause of community-acquired pneumonia, invasive pneumococcal disease, and acute otitis media.<sup>1</sup> Antibiotic availability and overprescribing have been accompanied by the appearance and dissemination of multidrug-resistant strains of this organism.<sup>2</sup> Since its introduction, pneumococcal conjugate vaccine 7 (PCV7) has significantly reduced pneumococcal disease due to both susceptible and resistant vaccine serotypes in vaccinees and their contacts (indirect effect).<sup>3</sup> As would be anticipated, efficacy of PCV7 has resulted in replacement of vaccine types by nonvaccine serotypes.<sup>4</sup> Experts at the World Health Organization believe that we are closer to another influenza pandemic than at any time since 1968.<sup>5</sup> PCV7 has the potential to reduce morbidity and mortality from pneumococcal pneumonia due to vaccine types.<sup>6</sup> Consequently, several countries have adopted a strategy for inter-pandemic PCV7 vaccination. Investigative vaccines are anticipated to provide additional serotype coverage for both antibiotic-susceptible and antibiotic-resistant pneumococcal diseases.<sup>7</sup>

### AGENDA

12:30 – 12:35	Meeting Overview and Objectives
12:35 – 12:50	Impact of PCV7 on Infections Caused by Antibiotic-resistant <i>Streptococcus pneumoniae</i>
12:50 – 13:05	Antibiotic Resistance
13:05 – 13:20	Is There Still a Need for the Prudent Use of Antibiotics in the PCV Era?
13:20 – 13:35	Influenza and Pneumococcal Pneumonia
13:35 – 13:50	The Future of Pneumococcal Disease Prevention
13:50 – 14:15	Question-and-Answer Session

### REFERENCES

1. Hawley L, Walker F, Whitney C. Pneumococcal disease. In: Wharton M, Hughes H, Reilly M, eds. *Manual for the Surveillance of Vaccine-Preventable Disease*. 3rd ed. Atlanta, GA: Centers for Disease Control and Prevention; 2002;1-14.
2. Goossens H, Ferech M, Vander Stichele R, Elseviers M. Outpatient antibiotic use in Europe and association with resistance: a cross-national database study. *Lancet*. 2005;365(9459):579-587.
3. Centers for Disease Control and Prevention. Direct and indirect effects of routine vaccination of children with 7-valent pneumococcal conjugate vaccine on incidence of invasive pneumococcal disease – United States, 1998-2003. *Morb Mortal Wkly Rep*. 2005;54(36):893-897.

### Important Safety Information

In clinical studies (n=18,168), the most frequently reported adverse events included injection site reactions, fever (≥38°C/100.4°F), irritability, drowsiness, restless sleep, decreased appetite, vomiting, diarrhea, and rash. Risks are associated with all vaccines, including PCV. Hypersensitivity to any vaccine component, including diphtheria toxoid, is a contraindication to its use. PCV does not provide 100% protection against vaccine serotypes or protect against nonvaccine serotypes.

### TARGET AUDIENCE

Pediatricians, infectious disease specialists, epidemiologists, and investigators interested in the science of pneumococcal disease and international health.

### LEARNING OBJECTIVES

Following completion of this educational activity, participants will be able to:

- Apply the learning of the impact of PCV7 on pneumococcal disease due to antibiotic-sensitive and -resistant vaccine serotypes.
- Apply the knowledge of the role of PCV7 on preparedness and prevention of pneumococcal pneumonia during an influenza pandemic.
- Define the role of current pneumococcal conjugate vaccines in the era of increasing antibiotic resistance.

**Professor Ron Dagan**  
**Professor Ron Dagan**  
**Professor Jae-Hoon Song**  
**Professor Ron Dagan**  
**Keith P. Klugman, MD, PhD**  
**Bernard Fritzell, MD**  
**Faculty Panel**

4. Singleton RJ, Hennessy TW, Bulkow LR, et al. Invasive pneumococcal disease caused by nonvaccine serotypes among Alaska native children with high levels of 7-valent pneumococcal conjugate vaccine coverage. *JAMA*. 2007;297(16):1784-1792.
5. World Health Organization. Current WHO phase of pandemic alert. In: *Epidemic and Pandemic Alert Response (EPR)*.
6. Black S, Shinefield H, Fireman B, et al. Efficacy, safety and immunogenicity of heptavalent pneumococcal conjugate vaccine in children. Northern California Kaiser Permanente Vaccine Study Center Group. *Pediatr Infect Dis J*. 2000;19(3):187-195.
7. Scott DA, Komjathy SE, Hu BT, et al. Phase 1 trial of a 13-valent pneumococcal conjugate vaccine in healthy adults. *Vaccine*. 2007;25(33):6164-6166.

*Friday, June 20 2008  
12:30 - 14:15  
Kuala Lumpur Convention Centre  
Plenary Theatre*

*Join our symposium*

# Life-threatening Infections in Immunocompromised Patients

*Presenters:*

**Dr Christopher Lee**, *Malaysia*

**Professor Thomas Patterson**, *USA*

**Dr Monica Slavin**, *Australia*

Visit our Pfizer booth at the  
**13<sup>th</sup> International Congress on Infectious Disease,**  
**June 19-22, 2008.**



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# Selecting Empiric Antibiotic Therapy in an Era of Multidrug Resistance: Is the Cupboard Really Bare?

June 21, 2008 • 12:30 – 14:15 • Banquet Hall • Kuala Lumpur Convention Center

## Agenda & Speakers

**12:30 – 12:45 Introduction**

**Christopher Lee, MD, MBBS, MRCP(UK) (Chairperson)**

Head & Senior Consultant  
Infectious Disease Unit  
Hospital Sungai Buloh  
Selangor, Malaysia

**12:45 – 13:10 Global Resistance Trends and the Potential Impact on Empirical Therapy**

**Raul E. Isturiz, MD, FACP**

Centro Medico de Caracas  
Caracas, Venezuela

**13:10 – 13:35 What's New on the Antimicrobial Horizon?**

**Jae-Hoon Song, MD, PhD**

Professor of Medicine, Division of Infectious Disease  
Samsung Medical Center, Sungkyunkwan University  
Seoul, Korea

**13:35 – 14:00 A Review of Tigecycline: The First Glycylcycline**

**Lance R. Peterson, MD**

Director, Microbiology and Infectious Disease Research  
Associate Epidemiologist, Evanston Northwestern Healthcare  
Professor of Pathology and Medicine  
Northwestern University's Feinberg School of Medicine  
Chicago, Illinois, United States

**14:00 – 14:15 Questions & Answers**

**Christopher Lee, MD**



**A Lunchtime  
Satellite Symposium  
of the 13th ICID**

Sponsored by  
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## Bridging the Gap: Global Advances in Paediatric Vaccination

**Saturday**

**21<sup>st</sup> June, 2008**

18.00 – 20.00

Plenary Theatre

Buffet dinner will be served  
after the symposium

**GSK DINNER SATELLITE SYMPOSIUM**

**ICID 2008**, 13<sup>th</sup> International Congress on Infectious Diseases

Kuala Lumpur, Malaysia, June 19-22, 2008

Each year, 1 out of 2 infant  
hospitalisations for severe diarrhoea  
is caused by rotavirus gastroenteritis.<sup>1</sup>



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<sup>1</sup> Bresee JS et al. *Emerg Infect Dis*2004; 10 (6):988-995



2009  
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*Preliminary program will be available in July 2008 • Deadline for abstract submission is December 1, 2008*