

Session 1

Conference Hall 1-3
Kuala Lumpur Convention Centre (KLCC)

Friday, June 20, 2008
09:00-09:45

Plenary

PLENARY LECTURE I

Chair: Richard Wenzel, Richmond, VA, USA

THE EDWARD H. KASS LECTURE

1.001 Genetics of Innate Immunity
B. Beutler
La Jolla, CA (USA)

This session is dedicated to **Edward H. Kass** (1917-1990)

Edward H. Kass was one of the founders of the International Society for Infectious Diseases.

A global leader in the field of infectious diseases for decades, Dr. Kass was renowned for the breadth of his interests, for his encyclopedic fund of knowledge, for his willingness to challenge the conventional wisdom, for his commitment to the individual patient and to social justice, and for his landmark studies of topics in medicine including hypertension, urinary tract infection, bacterial virulence factors, hospital-acquired infections and their control, the pathogenesis of pulmonary infection, and toxic shock syndrome. Recognized for his brilliance as a teacher and mentor to hundreds, Dr. Kass was known for a mixture of fierceness and gentleness: fierceness in his pursuit of scientific truth, his demand for scrupulous honesty, and his passion for social causes; gentleness in 'bringing young colleagues along,' providing care to his patients and creating an exciting, nurturing environment for scientific research.

Session 2**Conference Hall 2**
Kuala Lumpur Convention Centre (KLCC)**Friday, June 20, 2008**
10:15–12:15**Symposium****INFLUENZA IN ANIMALS AND PEOPLE****Co-Chairs:** Nobuhiko Okabe, Tokyo, Japan
Paul Anantharajah Tambyah, Singapore

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

organized in collaboration with the
Japanese Association for Infectious Diseases (JAID)

Session 3

Plenary Theatre
Kuala Lumpur Convention Centre (KLCC)

Friday, June 20, 2008
10:15–12:15

Symposium

SYNERGY OF BACTERIAL FLORA IN THE NASOPHARYNX: IMPACT ON PREVENTION STRATEGIES

Co-Chairs: Ron Dagan, Beer-Sheva, Israel
Terry Nolan, Melbourne, Australia

Welcome and Introduction

- 3.001 Clinical Implications of Nasopharyngeal Bacterial Colonization
T. Murphy
Buffalo, NY (USA)
- 3.002 Antibody Responses Following Administration of 10-Valent Pneumococcal Non-Typeable *Haemophilus influenzae* Protein D-Conjugate Vaccine (PHiD-CV) in Filipino Infants
N. Bernal, E. Alberto, M. Hernandez, V. Pau, A. Fanic, S. Gatchalian, I. Dieussaert, L. Schuerman
Muntinlupa City (Philippines), Rixensart (Belgium), Bulihan, Silang Cavite, Makata City (Philippines)
- 3.003 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, F. Beckers, R. Dagan, **N. Begg**, S. Gatchalian, L. Schuerman
Rixensart (Belgium), Beer Sheva (Israel), Makata City (Philippines)
- 3.004 Otitis Media: Why Is it so Difficult to Treat or Prevent?
C.G. Navarro-Lochin
Quezon City (Philippines)
- 3.005 Preventing Pneumonia: Lessons and Future Implications
R. Dagan
Beer-Sheva (Israel)

Questions and Answers

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Session 4

Banquet Hall
Kuala Lumpur Convention Centre (KLCC)

Friday, June 20, 2008
10:15–12:15

Symposium

THE CHANGING LANDSCAPE OF HIV THERAPIES

Chair: Christopher Lee, Kuala Lumpur, Malaysia

Welcome and Introduction

C. Lee

Kuala Lumpur (Malaysia)

4.001 The Challenge of Treating HIV in Asia

C. Lee

Kuala Lumpur (Malaysia)

4.002 The Changing Landscape of HIV Therapies:
Increased Choices, Increased Challenges

A. Carr

Sydney (Australia)

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

C. Hicks

Durham, NC (USA)

Panel Discussion

Closing Remarks

C. Lee

Kuala Lumpur (Malaysia)

supported by an educational grant from
MSD

Session 5**Room 304/305**
Kuala Lumpur Convention Centre (KLCC)**Friday, June 20, 2008**
10:15–12:15**Symposium****INFECTIOUS DIARRHEA AND ENTERIC FEVER****Co-Chairs:** Roger Glass, Bethesda, MD, USA
Jennifer Perera, Colombo, Sri Lanka

- 5.001 Close Encounters of the ETEC-type
A. Cravioto, F. Qadril
Dhaka (Bangladesh)
- 5.002 Typhoid Vaccines as Routine Public Health Tools for Developing Countries:
An Idea Whose Time has Come
J. Clemens
Seoul (Republic of Korea)
- 5.003 The New Emerging Strain of Cholera: One Step Ahead of Genomics
G. Balakrish Nair
Kolkata (India)
- 5.004 Rotavirus and Rotavirus Vaccines: Are We There Yet?
R. Glass
Bethesda, MD (USA)

organized in collaboration with the
Fogarty International Center (FIC)

Session 6**Room 302/303**
Kuala Lumpur Convention Centre (KLCC)**Friday, June 20, 2008**
10:15–12:15**Symposium****BEYOND CARDIOVASCULAR DISEASE: STATINS AND CHOLESTEROL
IN INFECTIOUS DISEASES****Co-Chairs:** Keith Joiner, Tucson, AZ, USA
Jon Cohen, Brighton, United Kingdom

- 6.001 Statins and Sepsis: Multiple Modifications at Multiple Levels
M. Terblanche
London (United Kingdom)
- 6.002 Statins in Animal Models of Infection
M.W. Merx
Aachen (Germany)
- 6.003 Observational Studies of Statins in Bacteremia
P. Kruger
Brisbane (Australia)
- 6.004 Parasites as host cholesterol consumers: The special case of *Toxoplasma gondii*
K.A. Joiner, I. Coppens
Tucson, AZ, Baltimore, MD (USA)

Session 7

Room 301
Kuala Lumpur Convention Centre (KLCC)

Friday, June 20, 2008
10:15–12:15

Oral Presentations

EPIDEMIOLOGY AND PUBLIC HEALTH

- Co-Chairs:** Timothy Brewer, Montreal, Canada
Tan Kah Kee, Kuala Lumpur, Malaysia
- 7.001 Activities of Artesunate and Amodiaquine against Intestinal Helminth in Children with *Plasmodium falciparum* Malaria in Endemic Area
A.A. Adedeji, F.A. Fehintola, G.O. Gbotosho, C.O. Sowunmi, K.A. Adedeji, T. Balogun, E. Tambo, N.O. Olasupo, A. Sowunmi
Ibadan, Ikenne (Nigeria)
- 7.002 Transmission Dynamics of MDR-TB and XDR-TB in Areas of Varying HIV Prevalence
T.C. Victor, A. Calver, A. Falmer, O. Strauss, E. Streicher, G. Louw, R. Johnson, A. Trollip, A. Jordaan, P.D. van Helden, R. Warren
Tygerberg, West Vaal Hospital (South Africa)
- 7.003 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, S.A. Rahman, J.R.C. Pulliam, S.S. Hassan, K. Halpin, C.S. Smith, A.A. Jamaluddin, K.B. Chua, H.E. Field, A. Hyatt, S.K. Lam, A. Dobson, P. Daszak, HERG (The Henipavirus Ecology Research Group)
Brisbane, Geelong (Australia), Ipoh, Kuala Lumpur (Malaysia), Atlanta, GA, Princeton, NJ, New York, NY (USA)
- 7.004 Increased Risk of Death in HIV-Infected Patients with Pneumococcal Meningitis, South Africa, 2003–2005
P. Nyasulu, C. Cohen, A. von Gottberg, L. de Gouveia, V. Quan, C. Feldman, K.P. Klugman
Johannesburg (South Africa), Atlanta, GA (USA)
- 7.005 Intradermal Influenza Vaccine Elicits Superior Immunogenicity in Adults Aged ≥ 60 Years: A Randomized Controlled Phase 3 Trial
R. Arnou, M. De Decker, G. Icardi, A. Ambrozaitis, M. Kazek, **M. Saville**
Antwerp (Belgium), Angers, Lyon (France), Genova (Italy), Vilnius (Lithuania)
- 7.006 Comparison of Fluorescence Microscopy with Ziehl-Neelsen Technique in the Examination of Sputum for Acid-Fast Bacilli Using Bleach Centrifugation Method
S.W. Matu, W.A. Githui, E.S. Juma
Nairobi (Kenya)

Session 7**Room 301**
Kuala Lumpur Convention Centre (KLCC)**Friday, June 20, 2008**
10:15–12:15**Oral Presentations**

- 7.007 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, Y.I.N. Silva Gunawardane, A. Manamperi, K.B.A.T. Bandara, T. Liyanage, W. Abeyewickreme
Colombo, Ragama (Sri Lanka)
- 7.008 Condom Use Varies with Age and Partner Types Among High Risk Heterosexual Men in Hong Kong
K. Lee, K. Lai, K.M. Ho, S.S. Lee
Hong Kong (China)
- 7.009 Large Outbreak of Orally-Acquired Acute Chagas' Disease, in a Public School of Caracas, Venezuela
B. Alarcón de Noya, R. Ruiz, Z. Diaz, C. Colmenares, R. Zavala, L. Mauriello, J.A. Suárez, **J.R. Torres**, L. Naranjo, J. Castro, J. Marques, I. Mendoza, J. Ossenkopp, O. Noya
Caracas (Venezuela)
- 7.010 Extensive Transmission of Mycobacterium Tuberculosis from a 9-Year-Old Child with Sputum-Smear-Negative Pulmonary Tuberculosis
S. Paranjothy, M. Eisenhutt, **M.E. Lilley**, S. Bracebridge, I. Abubakar, R. Mulla, K. Lack, D. Chalkley, J. Howard, S. Thomas, M. McEvoy
Ampthill, Cambridge, Cardiff, London, Luton, Welwyn Garden City (United Kingdom)

Session 8

Conference Hall 1-3
Kuala Lumpur Convention Centre (KLCC)

Friday, June 20, 2008
14:30-15:15

Plenary

PLENARY LECTURE II

Chair: Keith Klugman, Atlanta, GA, USA

8.001 Planning for Pandemics: Epidemiological Analysis in the
Formulation of Public Health Policy
R. Anderson
London (United Kingdom)

Session 9

Conference Hall 2
Kuala Lumpur Convention Centre (KLCC)

Friday, June 20, 2008
15:45–17:45

Symposium

THE CHALLENGE OF MULTIPLE-RESISTANT GRAM-NEGATIVE BACTERIA

Co-Chairs: Daniel Lew, Geneva, Switzerland
Giuseppe Cornaglia, Verona, Italy

- 9.001 Clinical and Public Health Impact of Multiple-Resistant Gram-Negative Bacteria
Y. Carmeli
Tel Aviv (Israel)
- 9.002 Epidemiology of Multiple-Resistant Gram-Negative Bacteria in Europe and North America
A. Srinivasan
Atlanta, GA (USA)
- 9.003 Burden and Future Gram-Negative Resistance in Asia/Australia
D.L. Paterson
Brisbane (Australia)
- 9.004 How to Prevent the Spread of Multiple-Resistant Gram-Negative Bacteria in the Hospital Setting
S. Harbarth
Geneva (Switzerland)

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Basilea Pharmaceutica Ltd. and Wyeth Switzerland

Session 10

Plenary Theatre
Kuala Lumpur Convention Centre (KLCC)

Friday, June 20, 2008
15:45–17:45

Symposium

OVERCOMING THE CHALLENGES OF PERTUSSIS CONTROL

Co-Chairs: Usa Thisyakorn, Bangkok, Thailand
Beatrice De Vos, Lyon, France

Introduction

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

K. Forsyth
Adelaide (Australia)

10.002 Pertussis Control in Infants and Children

U. Thisyakorn
Bangkok (Thailand)

10.003 The Role of Pertussis Booster Vaccinations in Adolescents and Adults

D. Johnson
Swiftwater, PA (USA)

Questions & Answers

Closing Remarks

supported by an educational grant from
SANOFI PASTEUR

Session 11

Banquet Hall
Kuala Lumpur Convention Centre (KLCC)

Friday, June 20, 2008
15:45–17:45

Symposium

NEW PERSPECTIVES ON VACCINE-PREVENTABLE DISEASES IN ADULTS: PNEUMOCOCCAL DISEASE AND HERPES ZOSTER

Chair: Jeffrey Hanna, Cairns, Australia

- 11.001 Opening Remarks
Adult Immunisation: Some Thoughts
J. Hanna
Cairns (Australia)
- 11.002 Pneumococcal Disease and a Pneumococcal Polysaccharide Vaccine
for Older Adults
M. Mohan
Bangalore (India)
- 11.003 A Vaccine for the Prevention of Herpes Zoster and Its Complications
M. Levin
Denver, CO (USA)
- 11.004 Herpes Zoster and Post Herpetic Neuralgia (PHN)—The Taiwan Perspective
C.C. Yang
Taipei (Taiwan)
- 11.005 Herpes Zoster (HZ) and Post-Herpetic Neuralgia (PHN): Burden of Illness,
Healthcare Utilization, and Costs—The Thai Perspective
P. Pitisuttihum
Bangkok (Thailand)

supported by an educational grant from
MSD

ZOSTER— PAINFUL, POTENTIALLY SEVERE.¹⁻³



ZOSTER RASH

Zoster—much more than a rash.

PAINFUL

UNPREDICTABLE

**As the population ages, you can
expect to see more cases of zoster.⁴**

Visit the MSD Booth #1 to learn more.

References: **1.** Oxman MN. Clinical manifestations of herpes zoster. In: Arvin AM, Gershon AA, eds. *Varicella-Zoster Virus: Virology and Clinical Management*. Cambridge, UK: Cambridge University Press; 2000:246–275. **2.** Gnann JW Jr, Whitley RJ. Herpes zoster. *N Engl J Med*. 2002;347(5):340–346. **3.** Johnson RW. Consequences and management of pain in herpes zoster. *J Infect Dis*. 2002;186(suppl 1):S83–S90. **4.** Schmader K, George LK, Burchett BM, Hamilton JD, Pieper CF. Race and stress in the incidence of herpes zoster in older adults. *J Am Geriatr Soc*. 1998;46:973–977.

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ZOSTER OPHTHALMICUS



Session 12

Room 304/305
Kuala Lumpur Convention Centre (KLCC)

Friday, June 20, 2008
15:45–17:45

Symposium

NEW DIRECTIONS IN THE TREATMENT OF FUNGAL INFECTIONS

Co-Chairs: Jorge Garbino, Geneva, Switzerland
Doug Webb, Tybee Island, GA, USA

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

supported in part by a grant from
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Session 13**Room 302/303**
Kuala Lumpur Convention Centre (KLCC)**Friday, June 20, 2008**
15:45–17:45**Symposium****EMERGENCE OF EV71 IN THE ASIA PACIFIC IN THE LAST DECADE****Co-Chairs:** Jane Cardoso, Kota Samarahan, Malaysia
Mahbubur Rahman, Dhaka, Bangladesh

- 13.001 Epidemiology of EV71 Outbreaks in the Region in the Past Decade
A. Kiyu, J. Cardoso, K. Mohd-Noh, R. Matbah, C.H. Ooi
Kuching (Malaysia)
- 13.002 Clinical Studies on EV71 Neurological Disease
M.H. Ooi, S.C. Wong, T. Solomon, M.J. Cardoso
Kota Samarahan, Sibul (Malaysia), Liverpool (United Kingdom)
- 13.003 Mouse and Non-Human Primate Models for EV71 Disease
H. Shimizu
Tokyo (Japan)
- 13.004 Update on the Molecular Epidemiology of Human Enterovirus 71
in Taiwan Since 1998
H.S. Wu, Y.P. Huang, T.L. Lin, L.C. Hsu, C.F. Yang, H.S. Kuo
Taipei (Taiwan)

Session 14

Room 301
Kuala Lumpur Convention Centre (KLCC)

Friday, June 20, 2008
15:45–17:45

Oral Presentations

NEW INSIGHTS INTO INFECTIOUS DISEASES

- Co-Chairs:** Eric Summers, Brookline, MA, USA
Zamberi Sekawi, Kuala Lumpur, Malaysia
- 14.001 Human Chromosome 17q11.2-q22 Contains Typhoid Fever Susceptibility Genes
H. Nguyen, S.E. Jamieson, M.N. Lanh, L.T. Phuong, N.T. Chinh, T.T. Hien, J.M. Blackwell, J.J. Farrar, S.J. Dunstan
Cambridge, Oxford (United Kingdom), Dong Thap, Ho Chi Minh (Vietnam)
- 14.002 Role of ORF 1 Polymorphism, Viral Load and Cytokine Response in the Pathogenesis of Acute and Fulminant Hepatitis E Virus Infection
R.K. Ratho, S. Kumar, Y. Chawala, A. Chakraborti
Chandigarh (India)
- 14.003 Genome-Wide Search for Visceral Leishmaniasis Susceptibility Genes in Sudanese Population
M. Fadh, N.E. Miller, A.M. Elhassan, M.E. Ibrahim, J.M. Blackwell
Khartoum Sudan (Sudan), Cambridge (United Kingdom)
- 14.004 Microarray Analysis of Gene Regulation in *Streptococcus pneumoniae* Upon Penicillin Exposure
N.K. Palanisamy, G.S. Subramaniam, Y.Y. Mohd, P. Navaratnam, S.D. Sekaran
Kuala Lumpur (Malaysia)
- 14.005 Diversity of Coronaviruses in Bats: Insights Into Origin of SARS Coronavirus
S.K.P. Lau, P.C.Y. Woo, K.S.M. Li, Y. Huang, C.S.F. Lam, R.W.S. Poon, H.W. Tsoi, K.H. Chan, K.Y. Yuen
Hong Kong (China)
- 14.006 Analysis of Putative Virulence Factors in *Enterococcus faecium* Isolated from Different Sources in Iran
S. Jahangiri, M. Talebi, G. Eslami, M.R. Pourshafie
Tehran (Iran)
- 14.007 Immunogenicity of Novel Consensus-Based DNA Vaccines Against Chikungunya Virus
K. Muthumani, K. Lankaraman, D. Laddy, S. Sundaram, C. Chung, E. Sako, P. Vijayachari, A. Khan, N. Sardesai, J. Kim, D. Weiner
Port Blair, Chennai (India), Philadelphia, PA (USA)

Session 14**Room 301**
Kuala Lumpur Convention Centre (KLCC)**Friday, June 20, 2008**
15:45–17:45**Oral Presentations****NEW INSIGHTS INTO INFECTIOUS DISEASES**

- 14.008 Post-Exposure Vaccination with a Highly Attenuated Vaccinia Vaccine, LC16m8, for Protection of Nonhuman Primates from Monkeypox
M. Saijo, Y. Ami, Y. Suzaki, N. Nagata, H. Hasegawa, M. Ogata, S. Fukushi, T. Mizutani, I. Iizuka, I. Kurane, T. Kurata, S. Morikawa
Musashimurayama, Tokyo (Japan)
- 14.009 Distribution and Genetic Diversity of *Plasmodium falciparum* Erythrocyte Binding Antigen 175 and Clinical Outcome of Malaria in the Kassena-Nankana District
B. Egyir, C. Brown, M. Wilson, K. Koram
Accra (Ghana)
- 14.010 *Mycobacterium avium* KatG protein (MAV_2753): Possible Role in the Pathogenesis of MAC disease
I. Verma, K. Gupta, G.K. Khuller
Chandigarh (India)

Session 15

Ballroom (Exhibition Area ~ Level 3)
Kuala Lumpur Convention Centre (KLCC)

Friday, June 20, 2008
12:30–13:30

Poster Presentations

PEDIATRIC AND PERINATAL INFECTIONS

- 15.001 Evaluation of Standard (WHO) Oral Rehydration Therapy in Children with Acute Infectious Diarrhea Admitted in Ali-Asghar Hospital Medical Center in Tehran-Iran During One Year
K. Mahlouji
 Tehran (Iran)
- 15.002 Tuberculosis Immune Reconstitution Syndrome Among Ugandan Children
S. Bakeera-Kitaka, A. Kekitiinwa, A. Dhabangi, E. Namulema, A. Maganda, D.R. Boulware
 Kampala (Uganda), Minneapolis, MN (USA)
- 15.003 High-Grade Bacterial Colonization and Severe *Helicobacter pylori*-Associated Gastritis in Children with EHPVO
K.K. Prasad, B.R. Thapa, A.K. Sharma, C.K. Nain, B. Nagi, K. Singh
 Chandigarh (India)
- 15.004 Risk Factors for Acute Lower Respiratory Tract Infections in Under Five Children of Developing Country
Y.R. Bhat, Y. Dhanya, D. Sanjay, N. Manjunath, R. Sithara
 Manipal, Udupi (India)
- 15.005 Correlation Between Acetaminophen Consumption and CSF Glucose in Febrile Convulsion
 F. Ehsanipoor, **M. Ardalan**, A.H. Rafati
 Tehran (Iran)
- 15.006 Antibiotic use in Brazilian Children
E. Del Fiol, S. Barberato Filho, M.I. Toledo, M. Gerenutti
 Sorocaba (Brazil)
- 15.007 Real Time RT-PCR for Quantitation of Human Metapneumovirus Virus from Children with Acute Respiratory Tract Infections
P. Bharaj, H.S. Chahar, C. John, V. Tyagi, S. Banerjee, S.K. Kabra, W.M. Sullender, S. Broor
 New Delhi (India), Birmingham, AL (USA)
- 15.008 Adenovirus, Influenza Virus A, B and Respiratory Syncytial Virus Infection in Children
M. Barati, S. Noorbakhsh, A. Tabatabaei, F. Ebrahimi Taj, M. Talebi-Taher
 Tehran (Iran)
- 15.009 Incidence of Rotavirus and Norovirus among Children with Acute Gastroenteritis in Tehran, Iran
M. Sanaei, R. Edalat, H. Radpour, S.R. Mohebbi, M.R. Zali
 Tehran (Iran)

Session 15

Ballroom (Exhibition Area ~ Level 3)
Kuala Lumpur Convention Centre (KLCC)

Friday, June 20, 2008
12:30–13:30

Poster Presentations

PEDIATRIC AND PERINATAL INFECTIONS

- 15.010 Prevalence of Skin infections in Nigerian Children—The University of Port Harcourt Teaching Hospital (UPTH) Experience
A.I. Frank-Briggs, D.D. Altraide
Port Harcourt (Nigeria)
- 15.011 Infection Factors Which Have a Role in the Aetiopathogenesis of Primary and Exacerbation Juvenile Idiopathic Arthritis and the Relationship of Infection Factors with Procalcitonin Levels
B. Kocazeybek, M. Aslan, O. Kasapcopur, H. Yasar, E. Polat, H. Cakan, S. Saribas, O. Kucukbasmaci
Istanbul (Turkey)
- 15.012 Molecular Epidemiology of Diarrheagenic *Escherichia Coli* Isolated from Young Children with Diarrhea
M. Y. Alikhani, I. Sedighi, A.R. Zamani, M.M. Aslani
Hamadan (Iran)
- 15.013 Multicenter Retrospective Evaluation of Tigecycline Tested Against Clinical Pathogens from Japan (2003–2004)
S. Kohno, M. Inuoe, Y. Ono, R. Jones, J. Turnidge
Adelaide (Australia), Kanagawa, Nagasaki, Tokyo (Japan), North Liberty, IA (USA)
- 15.014 Mumps in 123 Iranian children
N. Masoodpoor, S. Darakhshan Davari, L. Afshar, R. Darakhshan
Rafsanjan (Iran)
- 15.015 Invasive Hib Disease—Is It a Problem for India?
A. Bose, J. John, V. Balraj, **S. Minz**
Vellore (India)
- 15.016 Feasibility of Pneumonia and Meningitis Surveillance in a District of Northern India
M. Gupta, S. Prinja, S. Shekher, A. Chakarborti, A. Singh, S. Singhi, R. Kumar
Chandigarh (India)
- 15.017 Gastroenteritis and Some of Risk Factors Convulsion in Iranian Children
S. Darakhshan, N. Masoodpoor, R. Darakhshan, L. Afsharkhas
Rafsanjan (Iran)
- 15.018 Gastroenteritis and Convulsion in Iranian Children: Clinical Feature
R. Darakhshan, S. Darakhshan, N. Masoodpoor, L. Afsharkhas, F. Iranmanesh
Rafsanjan (Iran)

Session 15

Ballroom (Exhibition Area ~ Level 3)
Kuala Lumpur Convention Centre (KLCC)

Friday, June 20, 2008
12:30–13:30

Poster Presentations

- 15.019 Characteristics of Persistent Diarrhea in Iranian Children Admitted to a Pediatric Hospital in Tehran 2006–2007
N. Arjmand Kermani, F. Jafari, E. Nazemalhosseini Mojarad, N. Hosein Khan, F. Mola, M.R. Zali
Tehran (Iran)
- 15.020 Neonatal Group B Streptococcal Infection: A 6-Year Experience in HUSM, Malaysia
H. Siti Asma, I. Nabilah, M. Zeehaida, H. Habsah, A.R. Zaidah
Kubang Kerian (Malaysia)
- 15.021 Respiratory Viral Illness in a Cohort of Children Presenting to a Children's Hospital Emergency Department
H. Seale, C.R. MacIntyre, D. Dwyer, R. Booy, P. Cheung, G. Browne
Sydney (Australia)
- 15.022 Salmonella Infection Among Children, After Consumption of Boiled Wheat. Massive Poisoning in Central Greece (Thessaly) Area
A. Anastassiou, E. Vlachaki-Taveli, P. Patra, K. Katsiardanis, A. Pahiou, K.P. Katsiardani, A. Gerovassili, J. Tassiou, E. Petsiava
Larisa, Volos (Greece)
- 15.023 Bacterial Septicaemia in Neonates
J.K.F. Lee
Kuala Terengganu (Malaysia)
- 15.024 Cryptosporidiosis: Prevalence, Genotype Analysis, and Symptoms Associated with Infections in Children in Kenya
C. Mbae
Nairobi (Kenya)
- 15.025 Clinical Manifestations, Pathologic and Immunologic Changes of Eperythrozoon Infection in Children
Y.F. Zhou, Y. Chen, Z.Y. Zhou
Shanghai (China)
- 15.026 Assessment of Group B Streptococcus Prevention and Control Policy in Louisiana
N. Nair, R. Ratard
New Orleans, LA (USA)
- 15.027 Serotypes and Penicillin Susceptibility of *Streptococcus pneumoniae* Isolated from Clinical Specimens and Healthy Carriers of Korean Children
Y.M. Kim, C.E. Oh, J. Lee, D.H. Kim, Y.K. Kim, K.H. Kim, H.J. Lee, E.H. Choi
Seoul (Republic of Korea)

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- 15.028 Phenotypic and Genotypic Characterization of Two Mouse Adapted Enterovirus 71 Strains that Showed Differences in Murine CNS Infection
K.C. Ong, H. Shimizu, Y. Nishimura, M. Arita, D. Shamala, M.J. Cardoso, K.T. Wong
Tokyo (Japan), Kota Samarahan, Kuala Lumpur (Malaysia)
- 15.029 Incidence of Respiratory Illness and Associated Expenditures of Households Among Children Under Five in Urban Dhaka, Bangladesh
S. Akhter, S.P. Luby, A.K. Halder
Dhaka (Bangladesh)
- 15.030 Disease Morbidity and Cost Analysis Associated with Laboratory-Confirmed Influenza Among Children < 15 Years in South Korea, 2004–2007
K.A. Lim, Y.K. Kim, N. Batmunkh, P.E. Kilgore
Ansan, Seoul (Republic of Korea)
- 15.031 *Chlamydia pn.* and *Mycoplasma pn.* Infections in Exacerbation of Asthma in Children
D. Januskiewicz, P. Sobkowiak, Z. Kycler, A. Breborowicz, J. Nowak
Poznan (Poland)
- 15.032 Incidence and Etiology of Umbilical Infections in Newborns in Low-Income Communities of Karachi, Pakistan
F. Mir, S. Sundar, S. Sultana, A. Zaidi
Karachi (Pakistan)
- 15.033 Surveillance of Causes of Sepsis in Young African Infants
C. Cutland, M. Kuwanda, M. Laque, M. Groome, S. Velaphi, M. Khoosal, S.A. Madhi
Johannesburg (South Africa)
- 15.034 Perianal Cellulites Associated with Group A Streptococci in Iranian Children
G.T. Khotaei, **M. Shakibafar**, F. Fattahi, K. Daneshjoo, F. Moetamed, M.T. Haghi
Ashtiani
Tehran (Iran)
- 15.035 Clinical Presentation, Community-Based Management and Outcome of Umbilical Infections in Newborns
F.N. Qamar, S.S.P. Tikmani, A.K.M. Zaidi
Karachi (Pakistan)
- 15.036 Allergic Bronchopulmonary Aspergillosis (ABPA) in Asthmatic and Cystic Fibrosis Patients
S. Sarrafzadeh, Z. Pourpak, S.D. Mansoori, F. Fattahi, M. Moin
Tehran (Iran)
- 15.037 Monitoring of Serum Vancomycin Concentrations in Pediatric Patients
G.T. Khotaei, **R. Omani Samani**, F. Fattahi, F. Moetamed, F. Nejat, M.T. Haghi
Ashtiani, M. Izadyar
Tehran (Iran)

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- 15.038 Immune Memory Against Hepatitis B Persists in 4- 5-Year-Olds Previously Vaccinated with Hexavalent DTPa-HBV-IPV/Hib Vaccine in Routine Clinical Practice
V. Schuster, B. Gartner, O. Van Der Meeren, **N. De Clercq**, J.M. Jacquet, M. Steiner Rixensart (Belgium), Bad Saulgau, Leipzig, Munich (Germany)
- 15.039 Co-Administration of a Human Rotavirus Vaccine Rix4414 with DTPw-HBv Vaccines: Immunogenicity and Reactogenicity in Healthy Infants
V.K. Tatochenko, V.V. Romanenko, S.M. Kharit, I. Smolenov, I. LeFevre, **N. De Clercq**, J.M. Jacquet
Rixensart (Belgium), Ekaterinburg, Moscow, Sankt-Peterburg (Russia)
- 15.040 Single Oral Dose of Azithromycin *versus* Five Days of Oral Erythromycin or No Antibiotic in the Treatment of *Campylobacter* enterocolitis in Children: A Prospective Randomized Assessor-Blind Study
D. Vukelic, V. Trkulja, M. Salkovic-Petrisic
Zagreb (Croatia)
- 15.041 Chronic Osteomyelitis Mimicking Metastatic Disease
J.H. Grichener, I. Suffern Quirno, N. Mascardi
Buenos Aires (Argentina)
- 15.042 Identifying the Bacterial Causes of Childhood Empyema in Australia
R. Strachan, L. Gilbert, A. Martin, S. Ranganathan, H. Selvadurai, C. Wainwright, A. Jaffe
Brisbane, Melbourne, Perth, Randwick, Westmead (Australia)
- 15.043 Enhanced Urinalysis in Febrile Children with Suspected Urinary Tract Infection
S. Aroor, N. Bhaskaranand, P. Kini
Udupi (India)
- 15.044 Diarrheal Etiology in Children Under Five in Bulgaria—A Prospective Study—Preliminary Results
V. Nedkova, **R. Komitova**, V. Popova, H. Hitkova, Z. Mladenova, N. Korsun, Z. Petkova
Pleven, Sofia (Bulgaria)
- 15.045 Rotavirus Infections in Northern Bulgaria
R. Komitova, V. Nedkova, Z. Mladenova, N. Korsun, V. Popova, H. Hitkova, Z. Petkova, R. Stoyanova
Pleven, Sofia (Bulgaria)
- 15.046 A Study of Serum C-Reactive Protein (CRP) at Admission as a Predictor of Outcome in Febrile Children
S. Mundkur, S. Aroor, N. Bhaskaranand, P. Kini, M. Sarma
Manipal (India)

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- 15.047 Fatal Lower Respiratory Tract Infections with Rhinovirus A in Infants in Vietnam
P.H. Phan, H. Wertheim, S.T. Luong, B.T. Ngo, H.V. Pham, T.T. Nguyen, H.T. Le, W. Taylor, P. Horby, N.T. Liem
Hanoi (Vietnam)
- 15.048 Perceived Burden of Disease and Variation in the Treatment of Otitis Media—Results from a Multinational Survey
S. Pelton, A. Schilder, J. Liese, K. Kvaerner, C. Dean, **A. Arguedas**
San José (Costa Rica), Munich (Germany), Utrecht (Netherlands), Oslo (Norway), London (United Kingdom), Boston, MA (USA)
- 15.049 Correlation of Risk Factors with Colonization of Potentially Pathogenic Oropharyngeal Microflora in Infants
D. Nayak, M. Naveen Kumar, N. Bhaskaranand
Manipal (India)
- 15.050 Ganciclovir Therapy for Symptomatic CMV Infection in the Newborns
M.G. Golkowska, A. Dobrzanska, J. Czech-Kowalska
Warsaw (Poland)
- 15.051 Infectious Diseases in Under Five Children in Kano, Northwestern Nigeria
F. Hassan-Hanga, K. Osinusi, M. Ibrahim
Ibadan, Kano (Nigeria)
- 15.052 Associations Between Placental and Cord Blood Malaria Infection and Fetal Malnutrition in an Area of Malaria Holoendemicity
O.J. Adebami, **J.A. Owa**, G.A. Oyedeji, O.A. Oyelami, G.O. Omoniyi-Esan
Ile-Ife, Ogbomoso (Nigeria)
- 15.053 An Analysis of Gastrointestinal Parasite Prevalence Among Schoolchildren in the Palajunoj Valley of Guatemala
D. Cook, D. Eggett, G. Booth
Provo, UT (USA)
- 15.054 Symptomatic and Asymptomatic Cryptosporidial Infections in Childhood—Results from a Longitudinal Study in An Urban Slum in South India
S.S.R. Ajjampur, C. Livingston, P. Sankaran, R. Sarkar, H. Ward, G. Kang
Vellore (India), Boston, MA (USA)
- 15.055 Characterization, Antibiotics Utilization and Outcomes of Neonatal Sepsis in Patients Admitted to a University Teaching Hospital in Malaysia: The Limits of the Evidence
A. Awaisu, S.A. Syed Sulaiman, M.I. Mohamed Ibrahim
Penang (Malaysia)

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- 16.001 Seroepidemiology of Hepatitis E virus Infection in Isfahan, Iran:
 A Community-Based Study
 B. Ataei, Z. Nokhodian, **A. Javadi**, N. Kassaian, P. Shoaee, Z. Farajzadegan, P. Adibi
 Isfahan (Iran)
- 16.002 The Seroepidemiology of Parvovirus B19 Infection in Taiwan
 W.J. Su, W.Y. Cheng, D.P. Liu, Y.H. Ni, L.C. Hsu, **C. Y. Lu**
 Taipei (Taiwan)
- 16.003 Rodent-Borne Disease Surveillance at US Military Training Sites Near the
 Demilitarized Zone, Republic of Korea
T. Klein, L. Baek, H. Kim, M. O'Guinn, J. Lee, M. Turell, A. Richards, W. Sames,
 S. Chong, P. Graf, J. Song
 Seoul (Republic of Korea), Frederick, MD, Silver Spring, MD, Ft. Belvoir, VA (USA)
- 16.004 Survey for the Presence of Human Herpesvirus 8 (HHV-8) Infection in Mozambique
A. Caterino-de-Araujo, R.C.R. Manuel, R. Del Bianco, E. Santos-Fortuna,
 M.C. Magri, J.M.K. Silva, R. Bastos
 São Paulo (Brazil), Maputo (Mozambique)
- 16.005 Prevalence of Viral Markers for Hepatitis B and C in Healthy Volunteer
 Blood Donors in Fasa Region, South Iran
M.J. Yavari Barhaghtalab, S. Saboori, M. Damiri, M. Ekrahi
 Bushehr, Fasa (Iran)
- 16.006 Profile of Animal Bite Patients Attending Anti-Rabies Centers in Delhi
K. Mendhekar
 Delhi (India)
- 16.007 HBV Markers in Central of Iran
 B. Ataei, Z. Nokhodian, **A.A. Javadi**, N. Kassaian, P. Shoaee, Z. Farajzadegan, P. Adibi
 Isfahan (Iran)
- 16.008 Molecular Characterization of Rotaviruses from Children with Acute Diarrhea
 in Tabriz, Northwest of Iran
M. Sanaei, H. Radpour, S.R. Mohebbi, M.R. Zali
 Tehran (Iran)
- 16.009 Outbreak of Hepatitis A in Korean Military Personnel
C.S. Lee, J.H. Lee, K.S. Kwon
 Jeonju (Republic of Korea)
- 16.010 Hepatitis B Virus Transmission in Babol, North of Iran
 M.R. Hasanjani Roushan, A. Laly, M.J. Soleimani Amiri, **M. Sadeghi Zavareh**
 Babol (Iran)

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- 16.011 Hepatitis B Viral Markers on 2036 Previously HBV Infected Individuals
M.R. Hasanjani Roushan, Y. Zahed Pasha, M.J. Soleimani Amiri, A. Farrokhzad
Babol (Iran)
- 16.012 Influenza Surveillance at General Practice Outpatients' Clinic in a Tertiary Hospital in Nepal
Y.L. Shakya
Kathmandu (Nepal)
- 16.013 Rubella Serosurvey Among Unvaccinated Young Girls in Rafsanjan, South East of Iran
L. Afsharkhas, N. Masoodpoor, S.H. Darakhshan, R. Darakhshan
Rafsanjan (Iran)
- 16.014 Seroprevalence of Antibodies Against Hepatitis A and Varicella in Children, in the Kingdom of Saudi Arabia
M. Khalil, Y. Al Mazrou, S. Gezouli, M. Eisa, M. AlJeffri, M. Bakhsh, H. Nadra, S. Anis, R. Pawinski
Rixensart (Belgium), Qassim Region, Riyadh (Saudi Arabia), Dubai (United Arab Emirates)
- 16.015 Influenza Related Excess Mortality Estimates Among All Cause Deaths in Mongolia, 2004-2007
B. Alyeksandr, T. Kamigaki, H. Oshitani, N. Pagbajabun
Sendai (Japan), Ulaanbaatar (Mongolia)
- 16.016 Emergence of Rotavirus P2A[6] Genotype Circulating in the Americas
G. Kulnis, L. Mallette, M. Maliga, S. Nungesser, B. Kilby-Callands, M. Ciarlet, J. Kessler, D. Sikkema
North Wales, PA, Wayne, PA (USA)
- 16.017 Study on the Circulation of HEV71 on Selected Communities in Sarawak
Y. Podin, D. Perera, K. Aslan Joe, M.J. Cardoso
Kota Samarahan, Sarawak (Malaysia)
- 16.018 HCV Genotypes in Haemodialysis Units: A Preliminary Study
H.H. Aini, M.I.A. Mustafa, M.R. Seman, B.A. Nasuruddin
Kuantan, Pahang (Malaysia)
- 16.019 Molecular Characterization of Rotavirus A Associated with Outbreaks of Acute Gastroenteritis in Sarawak in 2001 and 2007
M.S. Sum, D. Perera, N. Ramji, F. Elie, M.J. Cardoso
Kota Samarahan, Sarawak (Malaysia)

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- 16.020 Phylogenetic Analysis of the VP1 Gene of Human Echovirus 30 Isolates from Sarawak Reveals An Emerging Genotype
D. Perera, M.H. Ooi, Y. Podin, S. Shah Jahan, R.S.D. Sedi, M.J. Cardoso
 Universiti Malaysia Sarawak, Universitiy Malaysia Sarawak, University Malaysia Sarawak (Malaysia)
- 16.021 Surveillance of Acute Hepatitis B in Taiwan
 C.C. Liu, W.J. Su, T.M. Huang, Y.H. Ni, C.H. Chiu, D.P. Liu, B.H. Wu, **H.C. Lin**
 Taipei (Taiwan)
- 16.022 Confirming the Presence of HTLV-1 Infection and the Lack of HTLV-2 in Blood Donors from Arequipa, Peru
 N.C.S. Quispe, E.B. Feria, E. Santos-Fortuna, **A. Caterino-de-Araujo**
 São Paulo (Brazil), Arequipa (Peru)
- 16.023 Seroprevalence of Bloodborne Viruses in Patients Admitted for Cardiac Catheterization in Northeast of Iran
A.A. Heydari, M. Ebrahimi
 Mashhad (Iran)
- 16.024 The Features of Clinical Manifestations of Dengue Fever in Kaohsiung City, Taiwan, 2006
R.J. Ben, C.H. Lo, H.L. Yu, C.W. Hsueh, N.H. Feng, L.C. Chang, J.T. Hsieh
 Kaohsiung (Taiwan)
- 16.025 The Changing Profile of Circulating HCV Genotypes in Romania
S. Ruta, C. Sultana, L. Manolescu, G. Tardei, A. Motoc, D. Brehar- Cioflec, C. Szmál, S. Dinu, A.M. Oprisoreanu, G. Oprisan
 Bucharest, Timisoara (Romania)
- 16.026 A Rubella Outbreak Among Foreign Workers in Taiwan
H.C. Lin, H.W. Yang, C.Y. Kao
 Taipei (Taiwan)
- 16.027 Historical Analysis of the 1889-1890 Pandemic in Europe
A.J. Valleron, S. Meurisse, P.Y. Boelle
 Paris (France)
- 16.028 Influenza B Outbreak among Influenza-vaccinated Welfare Home Residents in Tropical Singapore
M.K. Win, A. Chow, E.E. Ooi, Y.S. Leo
 DSO National Laboratories, Tan Tock Seng Hospital, Tan Tock Seng Hospital (Singapore)

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- 16.029 Impact of Universal Hepatitis B Vaccination on the Prevalence of HBs and HBe Antigenemia Among Pregnant Women in Taiwan
H.C. Lin, C.C. Liu, D.P. Liu, S.E. Huang, T.M. Huang, B.H. Wu
Taipei (Taiwan)
- 16.030 Identifying Influenza Among Influenza-like Illness Cases Presented to Emergency Department of a Tertiary Hospital Over One Year Period
H.H. Chua, E. McBryde
Melbourne (Australia), Johor Bahru (Malaysia)
- 16.031 Risk Factors of Mumps Outbreak in a Primary School, Bangkok, 2007
A. Niramitsantipong, S. Chittaseni, J. Sriwachirawat, L. Pokawattana, P. Incomserb, S. Pattamadilok, V. Pawan, C. Kumjui, S. Iamsirithaworn
Bangkok, Nonthaburi (Thailand)
- 16.032 Molecular Characterization of the VP6 and VP7 Genes of Rotavirus Isolated from Clinical Samples from Klang Valley, Malaysia
I. Nazlina, M.H. Rohazila
Bangi (Malaysia)
- 16.033 Epidemiology of Acute Viral Conjunctivitis at a Junior High School - October 2007
A.S. Huang, **Y.N. Chao**, P.H. Lee, C.H. Lin, M.Y. Tzeng, D.D. Jiang
Taipei (Taiwan)
- 16.034 A Study of Clinical Profile of Dengue Fever in Punjab, North India
D. Chhina, P. Goyal, O. Goyal, R. Kumar, R.S. Chhina
Ludhiana (India)
- 16.035 Prevalence and Factors Associated with Rotavirus Infection Among Children Admitted with Acute Diarrhoea in Mulago Hospital
J. Nakawesi, E. Wobudeya, **E.A. Mworozzi**, J.K. Tumwine
Kampala (Uganda)
- 16.036 Influenza Outbreak in National Service Training Camps in Perlis, Malaysia
A. Zulhizzam
Kangar (Malaysia)
- 16.037 Multi-country Comparative Assessment of the Surveillance of Avian Influenza (H5N1) Human Cases in Asian Countries
D.R. Murakami, D.R. Ishida, D.R. Tanaka
Higashi-nari, Osaka, Shinjuku, Tokyo (Japan)
- 16.038 Evidence of Person-to-Person Transmission of Nipah Virus Through Casual Contact
N. Homaira, M. Rahman, M.J. Hossain, S. Khatun, N. Nahar, G. Podder, E.S. Gurley, T.G. Ksiazek, S.P. Luby
Dhaka (Bangladesh), Atlanta, GA (USA)

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- 16.039 Seroprevalence of IgG Antibodies to Pertussis Toxin in the First Grade Medical Students in Hamedan, Iran
G. Mohammadi, O. Roostaii, M. Bolandi, S.H. Hashemi, M. Ranjbar, M. Hajilooi
Hamedan, Tehran (Iran)
- 16.040 Emergence of New Genotypes of Measles Virus in the Philippines After a Mass Vaccination
N. Fuji, A. Suzuki, T. Kamigaki, M. Saito, Y. Furuse, E. Miranda, S. Lupisan, R. Olveda, H. Oshitani
Sendai (Japan), Alabang (Philippines)
- 16.041 Detection of Human Metapneumovirus and Human Bocavirus from Patients with Influenza-Like Illness in the Philippines
A. Suzuki, Y. Furuse, H. Galang, N. Fuji, T. Kamigaki, E. Miranda, S. Lupisan, R. Olveda, H. Oshitani
Sendai (Japan), Alabang (Philippines)
- 16.042 Seasonality and Phylogenic Analysis of Influenzavirus in Philippines, 2006–2007
H. Galang, A. Suzuki, Y. Furuse, N. Fuji, M. Saito, T. Kamigaki, S. Lupisan, H. Oshitani, R. Olveda
Sendai (Japan), Alabang (Philippines)
- 16.043 Seroprevalence of Hepatitis A Infection by Age Group and Socioeconomic Status in Bangladesh
S.K. Saha, S. Setarunnahar, S. Shakur, M. Hanif, M.A. Habib, S.K. Datta, **I. Boudville**, H.L. Bock
Dhaka (Bangladesh), Singapore (Singapore)
- 16.044 Genetic Variation and Prevalence of Amantadine-Resistant Influenza A (H3N2) Viruses in Two Consecutive Seasons in Japan and the Philippines
Y. Furuse, A. Suzuki, T. Kamigaki, M. Saito, N. Fuji, H. Galang, S. Lupisan, R. Olveda, H. Oshitani
Sendai (Japan), Alabang (Philippines)
- 16.045 Spatiotemporal Analysis of Influenza Epidemics in Japan
K. Omata, Y. Takahashi, T. Shimbo
Tokyo (Japan)
- 16.046 Species C Adenovirus is The Most Common Adenovirus Causing Respiratory Tract Infection of Malaysian Pediatric Patients
J. Abd-Jamil, B.T. Teoh, E.H. Hassan, S. AbuBakar
Kuala Lumpur (Malaysia)
- 16.047 Review of Epidemiological Risk Factors of Measles Outbreak in Displaced Population
K. Kouadio, T. Kamigaki, M. Saito, A. Suzuki, H. Oshitani
Sendai (Japan)

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- 16.048 Survey of Protective Measures and H5N1-Seroprevalence Among Bird Collectors During An Avian Influenza A/H5N1 Outbreak on Ruegen, Germany, February–March 2006
W. Cai, B. Schweiger, U. Buchholz, S. Buda, M. Littmann, J. Heusler, W. Haas
Bergen, Berlin, Rostock (Germany)
- 16.049 An Annual Epidemic of Influenza in Japan Analyzed with Network Analysis
Y. Takahashi, K. Omata, T. Shimbo
Tokyo (Japan)
- 16.050 Detection of Infectious Pathogenic Viruses in Untreated and Treated Wastewater Samples from An Urbanised Area
A. Filipidou, T. Parasidis, I. Alexandropoulou, E. Stavrou, K. Karlou, **A. Vantarakis**
Patras (Greece)
- 16.051 Outbreak of Gastroenteritis Occurred in North-Eastern Greece Associated with Several Waterborne Strains of Noroviruses
T. Parasidis, E. Vorou, . Mellou, G. Theodoropoulou-Rodiou, G. Katsantridou, G. Stamatopoulou, **A. Vantarakis**
Alexandroupolis, Athens, Xanthi (Greece)
- 16.052 A Cohort Study to Assess the New WHO Japanese Encephalitis Surveillance Standards
T. Solomon, T. Thu Thao, P. Lewthwaite, M.H. Ooi, R. Kneen, N. Minh Dung, N. White
Kota Samarahan, Sarawak (Malaysia), Liverpool, Liverpool (United Kingdom), Ho Chi Minh City (Vietnam)
- 16.053 Laboratory Surveillance for Influenza in Cuba
B. Acosta, A. Piñon, O. Valdes, C. Savon, G. Gonzalez, A. Goyenechea, G. Gonzalez-Baez, B. Hernandez, S. Oropesa
Havana city (Cuba)
- 16.054 Unusual Outbreak by Influenza C, Cuba, 2006
A. Piñón, B. Acosta, O. Valdes, C. Savon, A. Goyenechea, G. Gonzalez, G. Gonzalez-Baez
Havana city (Cuba)
- 16.055 Measles Surveillance: Challenges in Diagnosis of Measles in South Africa
Z. Vundle, C. Cohen, J. Mcanerney, B. Harris, S.B. Smit, E.D. Kekana, M. Mashele
Johannesburg (South Africa)
- 16.056 Co-Circulations of Two Genotypes of Dengue Virus in 2006 Out-Break of Dengue Hemorrhagic Fever in Karachi Pakistan
E. Khan
Karachi (Pakistan)

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- 17.001 Rapid Molecular Assay for the Diagnosis of Clarithromycin Resistant *Helicobacter pylori* Directly from Human Gastric Biopsies - An Approach to Design Antibiotic Regimen
S.K. Tiwari, G. Manoj, G. Sivaram, K.S. Ahmed, M.D. Aejaz Habeeb, A.A. Khan, C.M. Habibullah
Hyderabad (India)
- 17.002 Carbapenem Resistance (CARB-R) among *Pseudomonas aeruginosa* (PSA) Isolates in Indian Medical Centers: A Preliminary Report From the Surveillance of Antimicrobial Resistance in India (SARI) Study
SARI Study Group, **A. Manoharan**, S. Chatterjee, D. Mathai
Vellore (India)
- 17.003 Optimal Administration Method of Cefepime for Febrile Neutropenia Based on Pharmacokinetic and Pharmacodynamic Findings
K. Nomura, Y. Fujimoto, M. Ohshiro, Y. Kanbayashi, K. Ikawa, N. Morikawa, M. Taniwaki
Hiroshima, Hiroshima, Kyoto (Japan)
- 17.004 Qnr Prevalence of Plasmid-Mediated Quinolone Resistance
C.G. Li
Wuhan (China)
- 17.005 Fluoroquinolone Resistance in Clinical Isolates of *Klebsiella oxytoca*
T. Horii, M. Osaki
Yonago (Japan)
- 17.006 Beta-Lactamase Mediated Resistance in Bacterial Infections Associated with Breast and Cervical Cancers at Lagos University Teaching Hospital (LUTH), Lagos
E. Adenipekun, I.E. Aibinu, O.A. Daini, A. Ogunledun, A.T. Ajekigbe, O.A. Adelowotan, T. Odugbemi
Ago-Iwoye, Lagos (Nigeria)
- 17.007 *Salmonella* Typhi and Paratyphi A in Eastern Nepal-Trends in Antimicrobial Resistance
B. Khanal, S.K. Sharma, R. Amatya, N. Poudyal
Dharan (Nepal)
- 17.008 Detection of Antibiotic Resistance and Virulence Related Factors in *Escherichia coli* Isolates from Broiler Chicken in Limuru, Kenya
A.O. Ayoyi, C.C. BII, P. Okemo
Nairobi (Kenya)
- 17.009 Detection of *gyrA* Mutations in Fluoroquinolone resistant *E. coli* Isolated from Urinary Tract Infections in Tehran, Iran
M. Hamidian, A. Mirsalehian, F. Akbari-Nakhjavani, B. Kazemi, F. Jafari, H. Dabiri, M.R. Zali
Tehran (Iran)

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- 17.010 RAPD Patterns of Resistant and Susceptible Iranian *Helicobacter pylori* Strains
M. Mohammadi, D. Doroud, **S. Saberi Kashani**, M. Douraghi, N. Mohajerani,
M. Esmaili, M. Bababeik, A. Oghalaie, Y. Talebkhan
Tehran (Iran)
- 17.011 Antimicrobial Susceptibility Among *Pseudomonas aeruginosa* Isolates from a
Central Hospital in the Centre of Portugal During Four Years
O. Cardoso, A.F. Alves, R.M. Leitão
Coimbra (Portugal)
- 17.012 In Vitro Susceptibility of *B. mellitensis* to Different Antibacterial Agents
M.R. Hasanjani Roushan, **M.J. Soleimani Amiri**, S. Soleimani Amiri
Babol (Iran)
- 17.013 In-Vitro Activity of Ertapenem Against Extended-Spectrum Beta Lactamase (ESBL)
Producing Gram-Negative Bacilli (GNB) Seen in Indian Medical Centers
A. Manoharan, K. Premalatha, A. Kumar, H. Jose, D. Mathai
Vellore, Tamil Nadu (India)
- 17.014 Early Detection of ESBL Producers from Clinical Samples Using
Macconkey Agar with Ceftazidime
S.K. Biswas, R.S. Kelkar
Mumbai (India)
- 17.015 Identification of AmpC Beta-Lactamases Using Phenotypic Tests and PCR in
Clinical Isolates of *Klebsiella spp.* and *Escherichia coli*
T. Barua, M. Shariff, S.S. Thukral
Delhi (India)
- 17.016 Pooled Analysis of Resistance Patterns of *Escherichia coli* Strains Isolated From
Urine Cultures in Turkey: Comparison of 1997–2001 and 2002–2007 Periods
M. Tasbakan, H. Pullukcu, O.R. Sipahi, T. Yamazhan, B. Arda, **S. Ulusoy**
Izmir (Turkey)
- 17.017 OXA- and MBL-Type Enzymes Among Uncommonly Isolated *Acinetobacter Spp.* in
Asia-Pacific Nations: Natural Reservoir for Resistance Determinants
R. Mendes, J. Bell, J. Turnidge, M. Castanheira, R. Jones
Adelaide (Australia), North Liberty, IA (USA)
- 17.018 Mutation in DNA Gyrase and Topoisomerase IV of *V. cholerae* Causing Diminished
Susceptibility to Ciprofloxacin
S. Ahmed, W.A. Khan, D. Saha, M.A. Salam, M.L. Bennish, M. Rahman
Dhaka (Bangladesh), Basse (Gambia), Mtubatuba (South Africa), Bangkok (Thailand)

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- 17.019 Prevalence of Extended-Spectrum β -Lactamases produced by *Klebsiella spp.* from Various Clinical Samples in an Urban Hospital in South India
P. Kesani, L. Jonnalagadda, R. Sadayappan
Chidambaram (India)
- 17.020 A Novel Extended-Spectrum SHV-Type Beta-lactamase, SHV-104, From *Klebsiella pneumoniae*
N. Ben Achour, P. Mercuri, C. Belhadj, M. Ben Moussa, J.M. Frere, M. Galleni, O. Belhadj
Liège (Belgium), Tunis (Tunisia)
- 17.021 Highly Susceptible Strains of Typhoid Bacilli Encountered in Jamaica
N.C. Bodoaik, O. Heslop
Kingston (Jamaica)
- 17.022 Carbapenem Resistance Mechanisms in *Acinetobacter spp.* Isolated from University of Malaya Medical Centre (Ummc)
E.H. Wong, G.S. Subramaniam, P. Navaratnam, S.D. Sekaran
Kuala Lumpur (Malaysia)
- 17.023 Antimicrobial Susceptibility and Serotype Distribution of Nontyphoid Salmonella Clinical Isolates in Seven Asian Countries, 2003-2005
H.Y. Lee, C.H. Chiu, J.H. Song
Seoul (Republic of Korea), Taoyuan (Taiwan)
- 17.024 Nationwide Surveillance of in vitro Activities of Tigecycline against Clinical Isolates of *Acinetobacter baumannii* in Taiwan
J.W. Liu, L.S. Wang, Y.J. Cheng, G.J. Shu, P.L. Lu, Y.C. Liu, C.M. Chen, C.M. Lee, W. Sun, T.N. Jang
Changhua, Chiayi, Hualien, Kaohsiung, Pingtung, Taichung, Taipei (Taiwan)
- 17.025 Genotypic Characterization of Extended-Spectrum β -lactamases Producing *Klebsiella pneumoniae* Strains Isolated in Malaysia
K.L. Thong, K.T. Lim, C.C. Yeo, S.D. Puthuchery, R. Yasin
Kuala Lumpur (Malaysia)
- 17.026 Antimicrobial Resistance Genes among *Salmonella enterica* isolates from Poultry and Swine in Thailand
R. Chuanchuen, P. Padungtod, P. Pathanasophon
Bangkok, Chiangmai (Thailand)
- 17.027 Prevalence of *qnr* and *aac(6')-Ib-cr* Genes in Community-Acquired *Enterobacteriaceae* Isolated in Healthy Volunteers in Hochiminh City
V. Le, T. Le, T. Cao, L. Le, N. Tran, T.P. Le, H. Nguyen, J. Campbell, S. Baker, J. Farrar, C. Schultsz
Ho Chi Minh (Vietnam)

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ANTIBIOTICS—GRAM-NEGATIVE

- 17.028 PCR Detection of VIM-1, VIM-2 and IMP-1 Metallo-beta-lactamases in Clinically Multi Drug Resistant *P. aeruginosa* Isolated in Tehran, Iran
F. Shahcheraghi, V.S. Nikbin, F. Shooraj, A. Bagheri, M. Shafiee, M.R. Arabestani
Tehran (Iran)
- 17.029 Profiles of Imipenem Resistance Organism in an Adult ICU in a Teaching Hospital in Malaysia
H. Habsah, **Z.D. Zakuan**
Kubang Kerian, Kelantan (Malaysia)
- 17.030 Survey of ESBL Producing *Escherichia coli* and *Klebsiella pneumoniae* and MRSA in a Tertiary Care Facility in United Arab Emirates
S. Kurdi, M. Kaabi, **R. Hashmey**
Al Ain (United Arab Emirates)
- 17.031 Integrating Conjugative Element (ICE) among Environmental and Clinical Isolates of *Vibrio cholerae*
M. Adabi, B. Bakhshi, H. Goudarzi, M.R. Pourshafie
Tehran (Iran)
- 17.032 The in Vitro Activity of Tigecycline and Antimicrobial Cross-Resistance Against Enterobacteriaceae Worldwide
B. Johnson, R. Badal, S. Bouchillon, M. Hackel, J. Johnson, D. Hoban, M. Renteria, M. Dowzicky
Schaumburg, IL, Collegeville, PA (USA)
- 17.033 Antimicrobial Drug Resistance of Salmonella Typhi in Asia
T.C. Tran, J.I. Campbell, C. Galindo, T.H. Tran, T.C. Nguyen, C.J. Acosta, J.D. Clemens, J. Farrar, C. Dolecek
Seoul (Republic of Korea), Ho Chi Minh (Vietnam)
- 17.034 *Pseudomonas aeruginosa*: Antimicrobial Susceptibility Testing and Agreement Between Disk Diffusion and E-Test Methods
S.G. Pathmanathan, N.A. Samat, R. Mohamed
Kuala Lumpur (Malaysia)
- 17.035 Detection of AmpC Beta-lactamases in Gram Negative Bacilli—
A Study from North India
V. Gupta, R. Garg, J. Chander
Chandigarh (India)

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- 17.036 Antibiotic Resistance Profiling of Phenotypic and Genomic Characterized *Pseudomonas aeruginosa* Isolates from Animal and Human Origin
D. De Vos, C.L. Vilela, T. Pitt, M. Oliveira, L. Griffiths, K. Craven, J. Awong-Taylor, S. Jennes, F. Bilocq, A. Leitaó, J.P. Pirnay
Brussels (Belgium), Lisboa (Portugal), Colindale (United Kingdom), Savannah, GA (USA)
- 17.037 Antibiotic Resistance of Gram-negative Bacteria from Bloodstream Infections
A. Koteli, S. Tsingene, A. Kakoulidou
Thessaloniki (Greece)
- 17.038 Antimicrobial Susceptibility Patterns of Shigella Species in Southern Taiwan, 2001–2007
Y.H. Chen , L.L. Kuo, M.J. Chen , C.C. Lin, L.J. Lin, M.N. Hung, **S.H. Wei**
Kaohsiung City (Taiwan)
- 17.040 The Effect of Using Combinations of Commonly Used Antibiotics in Sudan on Resistant Gram Negative Bacterial Isolates
S.M. Sulieman
Khartoum (Sudan)
- 17.041 First Report of blaCTX-M Type Extended-Spectrum-Beta-Lactamases in an Academic Hospital in Bloemfontein, South Africa
A. Van der Spoel van Dijk, S. Moshoeshoe
Bloemfontein (South Africa)
- 17.042 Genetic Diversity of Clinical and Zoonotic Multidrug-Resistant *Salmonella* in Malaysia
K.L. Thong, B. Douadi, W.L. Lai , N. Ahmad, R.M. Yasin, S.D. Puthuchery
Kuala Lumpur (Malaysia)
- 17.043 Antibiotic Resistance Patterns and Genotypes of *Helicobacter pylori* Isolated from Ethnically Different Dyspeptic Patients in Kuala Lumpur Malaysia
H. Salasawati, M. Ramelah
Bandar Tun Razak (Malaysia)

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- 18.001 Test Development and Surveillance Initiatives for Emerging Diseases in New Zealand
S.C. Cork
Wallaceville, Upper Hutt (New Zealand)
- 18.002 Detection of *Leishmania infantum* Infection in Asymptomatic Dogs Using a Seminested PCR Assay in a New Endemic Focus of Visceral Leishmaniasis in I.R. Iran
K. Azizi, Y. Rassi, M.H. Motazedian, Q. Asgari, D. Mehrabani, E. Javadian, S. Rafizadeh, M. Fakhar, G.R. Hatam
Bandar Abbas, Shiraz, Tehran (Iran)
- 18.003 Antibodies Against West Nile Virus in Zoo Animals and Employers From, Tabasco and Yucatan Mexico
F.I. Puerto, A.C. Hidalgo-Martinez, J.E. Garcia-Rejon, M.A. Lorono-Pino, J.A. Farfan-Ale
Cuernavaca, Morelos, Merida, Yucatan (Mexico)
- 18.004 Prevalence of Cryptosporidiosis in Calves and Humans in the Tabriz Area in Iran
A. Hassanpour
Tabriz (Iran)
- 18.005 Development of a Multi-Locus Sequence Typing Scheme for *Laribacter hongkongensis*, A Novel Bacterium Associated with Freshwater Fish-Borne Gastroenteritis and Traveler's Diarrhea, Revealed "Pathogenic" Strains
P.C.Y. Woo, J.L.L. Teng, A.K.L. Tsang, H. Tse, V.Y.M. Tsang, K.M. Chan, E.K.Y. Lee, J.K.H. Chan, S.S.L. Ma, D.M.W. Tam, L.M.W. Chung, S.K.P. Lau, K.Y. Yuen
Hong Kong (China)
- 18.006 *Coxiella burnetii* Endometritis and Metritis in Cows
S.P. Martinov
Sofia (Bulgaria)
- 18.007 Antimicrobial Susceptibility of Pathogenic *Escherichia coli* Isolated from Diarrheic Cattle
M. Sueyoshi, C. Lantican, R. Uemura, H. Nagatomo
Miyazaki (Japan)
- 18.008 Prevalence of Avian Influenza Virus Subtype H5n1 in Waterfowl in West Java Province of Indonesia
R. Susanti, R.D. Soejoedono, I.G.N. Mahardika, I.W.T. Wibawan
Bogor, Denpasar, Semarang (Indonesia)
- 18.009 Mechanism of Antimicrobial Resistance in *Escherichia coli* and *Salmonella* from Food Animals in Thailand
P. Padungtod, C. Tribuddharat, R. Chuanchuen
Bangkok, Chiangmai (Thailand)

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- 18.010 Contribution to the Study of the Prevalence of Brucellosis in Rwanda. Case Study of Huye District
N. Rujeni, A. Gasogo, L. Mbanzamihiho
Butare, Kigali (Rwanda)
- 18.011 Knowledge, Risk Perception, Poultry Workers and Avian Influenza
S. Munasinghe, A. Ahmed, C. Lim, B. Rodrigues, T. Sundkvist, P. Nair
Essex, Norfolk, Suffolk (United Kingdom)
- 18.012 Light Microscopy of the Hooklets of Protoscolices of Hydatid Cysts Infecting Sheep and Camels from Misurata, Libya and Their Possible Role in 'Parasite Strain' Recognition
L. EL-Majdoub, M. Draha
Misurata (Lybia Arab Jamahiriya)
- 18.013 Avian Influenza (H5N1) Outbreak in Suffolk - The Rapid Setup of a Database
C. Lim, T. Sundkvist, **P. Nair**, S. Godward, A. Pereira, G. Brown, S. Bracebridge
Cambridge, Cambridgeshire, Great Yarmouth, Norfolk, Suffolk (United Kingdom)
- 18.014 Comparison of RB51 & S19 Vaccines in Control and Prevention of Brucellosis in Dairy Farms of Tehran Province (Iran), During 1997–2007
O.A. Nekouie Jahromi, H. Ekhtiarzade, A.R. Bahonar, M. Rabbani
Tehran (Iran)
- 18.015 Trans-border Transmission of Rabies Between South Africa, Zimbabwe and Mozambique Resulted in the Re-emergence of Rabies in Northern South Africa
G.C. Zulu, C.T. Sabeta, L.H. Nel
Pretoria (South Africa)
- 18.016 Evolution of H5N1 Virus NS1 Gene Isolated from Human (2006–2007) as Next Pandemic Threat
S. Shahsavandi, M.M. Ebrahimi, S.A. Ghorashi, S. Masoudi
Karaj, Tehran (Iran)
- 18.017 Acute Fibrinosuppurative Hemorrhagic Pneumonia Caused by *S. equi* Subsp. *Zooepidermidis* in the Shelter Dogs in Korea
J.W. Byun, S.S. Yoon, J.S. Choi, Y.K. Song, Y.S. Joo
Anyang (Republic of Korea)
- 18.018 Cloning and Characterizing Cytokine Genes from Seba's Short-Tailed Bat (*Carollia perspicillata*)
T. Schountz, A. Cogswell, R. Bowen, C.H. Calisher
Fort Collins, CO, Greeley, CO (USA)
- 18.019 Evidence of Hantavirus Infection Among Rodents in South India
S. Chandy, K. Yoshimatsu, R.G. Ulrich, M. Schlegel, D.J. Prakash, V. Balraj, P. Abraham, J. Arikawa, G. Sridharan
Greifswald, Insel Riems (Germany), Vellore, Tamil Nadu (India), Sapporo (Japan)

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- 18.020 Genetic Characterisation of Rabies Viruses from Nigeria
M.F. Ogo, L.H. Nel, C.T. Sabeta
Pretoria (South Africa)
- 18.021 Bacterial Causes of Ovine Abortion and Neonatal Mortality in Iran
M.H. Rad, Z. Naseri
Mashhad (Iran)
- 18.022 Prevalence of Feline Coronavirus Antibodies in Cats in Bursa (Turkey) by an Enzyme-Linked Immunosorbent Assay
A. Pratelli, K. Yesilbag, E. Yalçın, Z. Yilmaz
Valenzano, Bari (Italy), Uludag, Bursa (Turkey)
- 18.023 Seroprevalence of Avian Influenza A/H5N1 Among Poultry Farmers in Rural Indonesia
M. Robert - Du Ry van Beest Holle, V. Setiawaty, M. Kivi, K. Pangesti, A. Bouma, A.J. Nell, E. Sedyaningsih
Jakarta (Indonesia), Bilthoven, Utrecht, Wageningen (Netherlands)
- 18.024 Seroreponse Against Avian Influenza A/H5N1 Among Poultry Workers in Jakarta
V. Setiawaty, M. Robert, Du Ry van Beest Holle, K.N.A. Pangesti, M. Kivi, S. Isfandari, E. Sedyaningsih
Jakarta (Indonesia), Bilthoven (Netherlands)
- 18.025 Brucellosis Among Horses in Shiraz-Iran:
A Seroprevalence Study and Control Strategy
Y. Tahamtan, M.M. Namavari, O.R. Amrabadi, M.R. Tahamtan
Shiraz (Iran)
- 18.026 Prevalence of Brucellosis in Equines of Mashhad-Iran
M.M. Namavari, G.H.R. Mohammadi, M.R. Tahamtan, Y. Tahamtan
Mashhad, Shiraz (Iran)
- 18.027 Prevalence and Distribution of Peste Des Petits Ruminants Virus Infection in Small Ruminants
H. Khan, M. Siddique, Q. Ali, M. Akhtar
Faisalabad (Pakistan)
- 18.028 Runting and Stunting Syndrome in Broiler Chicks in Nigeria
E.T. Ighodalo, **S.O. Akpavie**
Ibadan, Vom, Jos (Nigeria)
- 18.029 Date Palm Sap Collection: Exploring Opportunities to Prevent Nipah Transmission
N. Nahar, R. Sultana, E.S. Gurley, M.J. Hossain, S.P. Luby
Dhaka (Bangladesh)

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- 18.030 From Rapid Response Mobile LAB. Service to Accredited ISO15189 Avian/Human Influenza Mobile Laboratory
L. Leuprasert, P. Wongveerachant, A. Choosriying, S. Vimolsarte, T. Janlueang
Khon Kaen (Thailand)
- 18.031 Seroprevalence of *Toxoplasma gondii* in Sheep and Goats in the Area of Rahim Yar Khan (Punjab), Pakistan
M. Ramzan, **M. Akhtar**, I. Hussain, F. Muhammad, E. Hiszczynska-Sawicka, A. U. Haq, M.S. Mahmood
Faisalabad, Faisalabad (Pakistan), Gdansk (Poland)
- 18.032 Avian Influenza H5N1 Outbreaks in Village Poultry of West Java, Indonesia: A Detailed Investigation Using Participatory Epidemiology
S.E. Lawson, J. Mariner, C. Jost, A.P. Madri Dewi
Jakarta (Indonesia), Nairobi (Kenya), North Grafton, MA (USA)
- 18.033 Possibility to Certify *Toxoplasma Gondii* Free Pig Production
L. Srikitjakarn, W. Chaisaowong, G. Punyagosa, A. Sirimalaisuwan, C. Saksangawong
Muang, Chiang Mai (Thailand)
- 18.034 The Modern Management of Echinococcosis in Romania
L.M. Junie, N. Constantea, P.T. Ciobanca
Cluj Napoca (Romania)
- 18.035 Endemicity of Nipah Virus in *Pteropus* Bats Over Wide Geographical Areas in Peninsular Malaysia
A.R. Sohayati, S. Syed Hassan, L. Hassan, J.H. Epstein, S.S. Arshad, R. Mohamed, A.A. Jamaluddin, P. Daszak
Ipoh, Putrajaya, Serdang (Malaysia), New York, NY (USA)
- 18.036 Vancomycin-Resistant Enterococci and Vancomycin-Resistance Genes in Pigs and Poultry Isolates of Malaysia
Y.M. Getachew, L. Hassan, Z. Zakaria
Serdang (Malaysia)
- 18.037 Detection of Hepatitis E Virus in Slovenian Pig Herds
U. Jamnikar Ciglenecki, S. Mankoc, D. Barlic-Maganja
Ljubljana (Slovenia)
- 18.038 Investigating Infectious Disease Emergence from Wildlife - A Transdisciplinary Approach
H.E. Field
Brisbane (Australia)
- 18.039 Rapid, Simultaneous Detection of Multiple Animal Viruses by Bead-Based Multiplexed RT-PCR
P. Naraghi-Arani, R. Lenhoff, J. Thissen, A.C. Carrillo, J. Olivas, S.M. Michele
Livermore, CA (USA)

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- 19.001 Epidemiologic Evaluation of the Immunity Against Hepatitis B in Alexandria, Egypt
A. Reda, **M. Arafa**
Alexandria (Egypt)
- 19.002 Long-term Efficacy and Immune Memory of Neonatal Recombinant Hepatitis B
Vaccination in Adolescents Aged 13-14 Years
C.Y. Lu, Y.H. Ni, L.Y. Chang, C.Y. Lee, D.S. Chen, L.M. Huang
Taipei (Taiwan)
- 19.003 Adverse Events of Trivalent Influenza Vaccine among Health Care Workers in Iran
M. Hajiabdolbaghi, S. Jam, A. Esteghamati, M. Nasr Dadras, P. Kheirandish
Tehran (Iran)
- 19.004 Sanitary and Socioeconomic Impact of the Virosomal Subunit Influenza Vaccine in
Children Without Risk Factors. A Prospective Cohort Study. La Palma-Fuerteventura
2005-2006
A.J. Garcia Rojas, D. Nunez Gallo, B. Galvan Molina, T. Perez Ortega, M. Naranjo
Baez
Fuerteventura, Las Palmas de Gran Canaria, Santa Cruz de Tenerife (Spain)
- 19.005 Knowledge, Attitude and Vaccination Status for Influenza Among Dentistry Staff and
Students of Universiti Kebangsaan Malaysia
H. Rashwan, M.H. Jafar, H.M. Hussaini, I. Isahak, S.M. Young
Kuala Lumpur (Malaysia)
- 19.006 Assessment of a two-dose administration of oral poliovirus vaccine for virulent vac-
cine-derived polioviruses
H. Horie, M. Iwai, T. Nakayama, K. Matsuura, T. Takizawa, H. Yoshida
Imizu, Toyama, Koriyama, Fukushima, Tokyo (Japan)
- 19.007 A Pilot Study for Evaluating a Nation-wide School-based Influenza Vaccination
Program in Taiwan
J.H. Chuang, P.I. Lee, W.J. Su, M.T. Liu, **Y.L. Liu**, P.Y. Chen, Y.F. Huang, T.C. Chan
Kaohsiung, Taichung, Taipei (Taiwan)
- 19.008 Frailty and Immune Response to Pneumococcal Vaccines Among the Elderly
Hospitalised Patients
C.R. MacIntyre, P.B. McIntyre, I. Ridda, H. Wang, R.I. Lindley, G.L. Gilbert,
J. Sullivan
Sydney (Australia)
- 19.009 Associations Between Acceptance of Hepatitis B and Influenza Vaccination in Health
Care Workers
S.S. Lee, D.K.P. Tam
Hong Kong (China)

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- 19.010 Post-Marketing Surveillance of the Adverse Events Following Immunization with a New Pentavalent Vaccine (DPT-HB+Hib)
 V. Muzio, A. Aguilar, G. Veliz, N. Figueroa, P.A. Diaz, K. Perez, M. Mataran, M.M. Vazquez, **D. Quintana-Vazquez**, G. Guillen
 Havana (Cuba)
- 19.011 Priming for Pandemic Influenza: Antigen-sparing MF59™-adjuvanted A/H5N1 Vaccine Induces Immunological Memory and Shows Cross-Reactive Potential in Adults Including the Elderly
V.F.H. Brauer, F. Laghi-Pasini, P.L. Capecchi, C. Gentile, P. di Giovanni, T. Staniscia, E. Montomoli, A. Hilbert, S. Tilman, P. Durando, L. Sticchi, R. Gasparini, A. Banzhoff
 Marburg (Germany), Chieti, Genoa, Siena (Italy), Amsterdam (Netherlands)
- 19.012 Varicella Vaccine Effectiveness During An Outbreak in a Partially Vaccinated Population, Sydney, Australia
B. Forssman, T. Mannes, L. Gupta
 Sydney (Australia)
- 19.013 Safety, Viremia and Immunogenicity of Sanofi Pasteur Tetravalent Dengue Vaccine in Adults Previously Exposed to Live, Attenuated Flaviviruses
 M. Qiao, D. Shaw, R. Forrat, **A. Wartel-Tram**, J. Lang
 Adelaide (Australia), Lyon (France), Ho Chi Minh City (Vietnam)
- 19.014 Estimating the Hemophilus influenza type b (Hib) disease burden and Economic analysis of Hib vaccination in Korea
B.C. Chun, H.G. Lee, H.A. Lee, K.H. Kim
 Seoul (Republic of Korea)
- 19.015 The Efficacy of Influenza Vaccination of Elderly: Population-Based Influenza Vaccination Program in Taiwan during 1998-2006
 C.L. Lee, Y.C. Chih, S.M. Chou, **C.H. Chen**
 Taipei (Taiwan)
- 19.016 Factors Influencing Taiwanese Community Elders to Receive Influenza Vaccination - What Strategy We Can Have for the Goal of High Vaccination Rate?
W.S. Jhao, T.H. Wang, H.P. Huang, L.L. Ho, F.L. Chen
 Taipei (Taiwan)
- 19.017 Pediatric Safety Evaluation of An AS-Adjuvanted H5N1 Prepandemic Candidate Vaccine in Children Aged 3-9 Years: A Phase II Study
 A. Ballester, M. Garcés-Sánchez, M.V. Planelles Cantarino, **M. Dramé**, N. Bouveret, P. Gillard, J. Díez-Domingo
 Rixensart (Belgium), Valencia (Spain)

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



Rotarix™ Oral 2-dose Vaccine

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

Rotarix™. Live attenuated human rotavirus (RIX4414 strain) oral vaccine. **Indications:** Prevention of gastro-enteritis caused by Rotavirus, G1 and non-G1 serotypes (such as G2, G3, G4, G9). **Dosage and administration:** Two oral doses. First dose may be administered from 6 weeks of age. Minimum interval of 4 weeks between doses. Vaccination course must be completed by 24 weeks of age. **Contraindications:** Rotarix™ should not be administered to subjects with known hypersensitivity after previous administration of Rotarix™ vaccine or to any component of the vaccine. Subjects with uncorrected congenital malformation (such as Meckel's diverticulum) of the gastrointestinal tract that would predispose for intussusception. **Warnings & Precautions:** It is good clinical practice that vaccination should be preceded by a review of the medical history (especially with regard to previous vaccination and possible occurrence of undesirable events) and a clinical examination. As with other vaccines, administration of Rotarix™ should be postponed in subjects suffering from acute severe febrile illness. However, the presence of a minor infection, such as a cold, should not result in the deferral of vaccination. The administration of Rotarix™ should be postponed in subjects suffering from diarrhoea or vomiting. There are no data on the safety and efficacy of Rotarix™ in infants with gastrointestinal illnesses. Administration of Rotarix™ may be considered with caution in such infants when, in the opinion of the physician, withholding the vaccine entails a greater risk. Rotarix™ has not specifically been studied in subjects with known primary and secondary immunodeficiencies including HIV positive infants. Contacts of recent vaccinees should be advised to observe personal hygiene (e.g. wash their hands after changing child's nappies). Limited data in 140 premature children indicate that Rotarix™ can be given to premature children, however the level of clinical protection remains unknown. As with any vaccine, a protective immune response may not be elicited in all vaccinees. Rotarix™ does not protect against gastro-enteritis due to other pathogens than rotavirus. **ROTARIX™ SHOULD UNDER NO CIRCUMSTANCES BE INJECTED.** **Interactions:** Rotarix™ can be given concomitantly with any of the following monovalent or combination vaccines (including hexavalent vaccines (DTPa-HBV-IPV/Hib)): diphtheria-tetanus-whole cell pertussis vaccine (DTPw), diphtheria-tetanus-acellular pertussis vaccine (DTPa), Haemophilus influenzae type b vaccine (Hib), inactivated polio vaccine (IPV), hepatitis B vaccine (HBV), pneumococcal conjugate vaccine and meningococcal serogroup C conjugate vaccine. Clinical studies demonstrated that the immune responses to and the safety profiles of the administered vaccines were unaffected. Concomitant administration of Rotarix™ and oral polio vaccine (OPV) does not affect the immune response to the polio antigens. Although concomitant administration of OPV may slightly reduce the immune response to rotavirus vaccine there is currently no evidence that clinical protection against severe rotavirus gastro-enteritis would be affected. The immune response to Rotarix™ is unaffected when OPV is administered two weeks apart from Rotarix™. **Pregnancy and Lactation:** Not intended for use in adults. Thus human data on use during pregnancy or lactation are not available and animal reproduction studies have not been performed. **Adverse reactions:** Upper respiratory tract infection, irritability, crying, sleep disorder, somnolence, hoarseness, rhinorrhoea, loss of appetite, diarrhoea, vomiting, flatulence, abdominal pain, regurgitation of food, constipation, dermatitis, rash, muscle cramp, fever, fatigue. The risk of intussusception has been evaluated in a large safety trial conducted in Latin America and Finland where 63,225 subjects were enrolled. This trial gave evidence of no increased risk of intussusception in the Rotarix™ group when compared with the placebo group. Full Prescribing Information is available on request. Please read the full prescribing information prior to administration, available from GlaxoSmithKline Biologicals s.a., Rue de l'Institut 89 1330 Rixensart, Belgium. Abbreviated prescribing information prepared March, 2007 – version 2.

Rotarix™

gsk GlaxoSmithKline
Biologicals

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- 19.018 Safety and Cross-Reactive Immunogenicity of Two H5N1 A/Indonesia/5/2005 (Clade 2.1) AS-Adjuvanted Prepandemic Candidate Influenza Vaccines: A Phase I/II Clinical Trial
J. Langley, L. Frenette, L. Ferguson, D. Riff, S. Folkerth, E. Sheldon, N. Segall, G. Risi, R. Middleton, C. Johnson, P. Li, B. Innis, L. Fries
Halifax, Sherbrooke, Truro (Canada), Huntsville, AL, Anaheim, CA, Miami, FL, Stockbridge, GA, Lenexa, KS, Columbia, MD, Missoula, MT, Las Vegas, NV, Philadelphia, PA (USA)
- 19.019 Immunogenicity, Reactogenicity and Safety of the Oral Live Attenuated Human Rotavirus Vaccine RIX4414 (*Rotarix*TM) Oral Suspension (Liquid Formulation) in Vietnamese Infants
D.D. Anh, **V.D. Thiem**, Y. Hutagalung, H.L. Bock, P. Suryakiran, A. Delem, H.H. Han Rixensart (Belgium), Hanoi (Vietnam)
- 19.020 Oral Human Rotavirus Vaccine RIX4414 (*Rotarix*TM) Co-administered with Routine EPI Vaccinations Including Oral Polio Vaccine(OPV) Is Highly Efficacious in Latin-America
M. Tregnaghi, P. Lopez, T. De Leon, H.J. Abate, A. Valencia, S.A. Gonzalez, T.R. Silveira, L. Rivera, D.M. Rivera-Medina, E. Ortega-Barria, J.M. Casellas, P.V. Suryakiran, I.V. Smolenov, **H.H. Han**
Buenos Aires, Córdoba, La Plata, Mendoza (Argentina), Rixensart (Belgium), Porto Alegre, Rio de Janeiro (Brazil), Bogotá, Cali (Colombia), Santo Domingo (Dominican Republic), Tegucigalpa (Honduras), Chiriqui (Panama)
- 19.021 Immunogenicity of The Oral Live Attenuated Human Rotavirus Vaccine RIX4414 (*Rotarix*TM) Oral Suspension (Liquid Formulation) Co-administered with Childhood Vaccinations in Panama
A.A. Velasquez, E. Dominguez, P.V. Suryakiran, A. Delem, E. Ortega-Barria, H.H. Han
Rixensart (Belgium), La Chorrera, Panama City (Panama)
- 19.022 Evidences of the Influenza Vaccine Effectiveness to Reduce the Influenza-Related Causes of Hospitalization of the Elderly in Brazil, 1992–2006
L.Z. Daufenbach, E.D. Duarte, E.H. Carmo, C.A. Teles
Brasília, Salvador (Brazil)
- 19.023 Progress Towards Elimination of Indigenous Measles in Taiwan, 2007
W.Y. Cheng, L.L. Lee, **H.C. Lin**, J.Y. Yang, C.F. Yang
Taipei (Taiwan)
- 19.024 Human Rotavirus Vaccine RIX4414 (*Rotarix*TM) Is Highly Efficacious in Infants from Asia During the First Two Years of Life
K.B. Phua, F.S. Lim, Y.L. Lau, E.A.S. Nelson, L.M. Huang, S.H. Quak, B.W. Lee, Y.L. Teoh, H. Tang, H.L. Bock, P.V. Suryakiran, I.V. Smolenov, H.H. Han
Rixensart (Belgium), Hong Kong (China), Singapore (Singapore), Taipei (Taiwan)

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- 19.025 Efficacy of Pentavalent Rotavirus Vaccine, RotaTeq™, against Hospitalizations and Emergency Department Visits through the Third Year: The Finnish Extension Study
T. Vesikari, A. Karvonen, S. Allen, J. Lawrence, **M. Ciarlet**
Tampere (Finland), North Wales, PA (USA)
- 19.026 Co-Administration of GSK's AS04 Adjuvanted Cervical Cancer Vaccine with Combined dTpa-IPV Vaccine in Girls Aged 10-18 Years
T.F. Schwarz, J. Garcia-Sicilia, A. Carmona, J.E. Malkin, M.P. Tran, K. Peters, P. Hillemanns, F. Thomas, D. Descamps, G. Dubin for HPV Vaccine Adolescent Study Investigators Network
Rixensart (Belgium), Nice, Paris (France), Hamburg, Hannover, Würzburg (Germany), Madrid, Sevilla (Spain), King of Prussia, PA (USA)
- 19.027 Preclinical Evaluation of Safety and Immunogenicity of a Novel ALA Auxotrophic Bivalent (O1 and O139) Oral Cholera Vaccine Candidates
S. Kurunathan, A.B. Atif, N.M.N. Nik Zuraina, T. GimCheong, M.A. Nurul Asyikin, P. Lalitha, F.Z. Zainul, M. Ravichandran
Kubang Kerian (Malaysia)
- 19.028 Vaccines Adjuvanted with Adjuvant Systems - from Concept to Clinical Evidence
N. Garçon, M. Van Mechelen, G. Leroux-Roels, L. Stanberry, A. Osterhaus, G. Heppner, K.E. Kester, M. Polhemus, Y. Horsmans, J. Cohen
Brussels, Ghent, Rixensart (Belgium), Kisumu (Kenya), Rotterdam (Netherlands), Silverspring, MD, New York, NY (USA)
- 19.029 Immunogenicity of an Oral Polio Vaccine is Unaffected when Co-Administered with a Human Rotavirus Vaccine RIX4414 (*Rotarix*™) in Latin America
P. Lopez, H.J. Abate, T. De Leon, M. Tregnaghi, A. Valencia, T.R. Silveira, L. Rivera, D.M. Rivera-Medina, S.A. Gonzalez, E. Ortega-Barria, J.M. Casellas, P.V. Suryakiran, I. Smolenov, H.H. Han
Buenos Aires, Córdoba, La Plata, Mendoza (Argentina), Rixensart (Belgium), Porto Alegre, Rio de Janeiro (Brazil), Bogotá, Cali (Colombia), Santo Domingo (Dominican Republic), Tegucigalpa (Honduras), Chiriqui (Panama)
- 19.030 Evaluation of Quadrivalent HPV 6/11/16/18 Vaccine Efficacy Against Cervical Disease in Subjects with Prior Vaccine HPV Type Infection
D. Ferris
Augusta, GA (USA)
- 19.031 The Effectiveness of the Universal Infant Immunization Against Hepatitis B in Bulgaria
M. Kojouharova, A. Kurchatova
Sofia (Bulgaria)

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- 19.032 Boutonneuse Fever Issues in Constantza County
S. Rugina
Constantza (Romania)
- 19.033 Surveillance of Adverse Events Following Immunization (AEFI) with Human Papillomavirus (HPV) Vaccine in Canada (Sep. 2006 - Dec. 2007)
J. Nkanza
Ottawa (Canada)
- 19.034 Safety and Reactogenicity of a 10-Valent Pneumococcal Non-Typeable *Haemophilus influenzae* Protein D-Conjugate Vaccine (PHiD-CV) in Filipino Infants
N. Bernal, E. Alberto, M. Hernandez, V. Pau, A. Fanic, H. Bock, I. Dieussaert, L. Schuerman
Rixensart (Belgium), Bulihan, Silang Cavite, Muntinlupa City (Philippines), Singapore (Singapore)
- 19.035 A Study to Estimate the Incidence and Percentage of Vaccination Coverage of Measles in Under 5 Children in Slums of Madipur, (West) Delhi
A. Choudhry
New Delhi (India)
- 19.036 Phase 1 Study of a Hepatitis B Virus Immunobiotic Delivering Hepatitis B Core Antigen in An Attenuated *Salmonella typhi* Vector (*Spi-VEC*TM)
T.J. Ong, A. Upton, S. Khan, C. Jones, S. Sulsh, G. Kitson, J. Makin, S. Chatfield,
S.P. Lockhart
Crawley, Liverpool, Newbury, Porton Down, Stevenage, Wokingham, Worthing (United Kingdom)
- 19.037 Improving Age Appropriate Immunization: Experience from Rural North India
S. Prinja, M. Gupta, A. Singh, R. Kumar
Chandigarh (India)
- 19.038 A New Mammalian Cell Culture-Derived Influenza Vaccine is as Safe As, and Immunogenically Non-Inferior To, An Egg-Based Influenza Vaccine
A. Szymczakiewicz-Multanowska, A. Izu, M.V. Sparacio, **M. Lattanzi**, N. Groth
Siena (Italy), Krakow (Poland), Cambridge, MA (USA)
- 19.039 From Inactivated to Live Japanese Encephalitis Vaccine: A Synopsis of Sri Lankan Experience of Controlling Japanese Encephalitis
M.R.N. Abeyasinghe
Colombo (Sri Lanka)

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HIV/AIDS—EPIDEMIOLOGY, PREVENTION AND CONTROL

- 20.001 Demographic, Etiologic and Histologic Pulmonary Analysis in Patients with HIV/AIDS and Acute Respiratory Failure - An Autopsy Study
A.M. Soeiro, A.L.D. Hovnanian, M. Canzian, E.R. Parra, C. Farhat, V.L. Capelozzi
São Paulo (Brazil)
- 20.002 Perceptions of Risk Level of Precaution Used to Prevent HIV/Aids Infection. A Study of Zimbabwean Migrant Women Living in Johannesburg
P. Munyewende
Johannesburg (South Africa)
- 20.003 Feasibility of Introducing Male Circumcision (MC) in the Dominican Republic
M. Brito, M. Luna, R. Bailey
Chicago, IL (USA)
- 20.004 HIV/AIDS Related Stigma and Discrimination in People Living with HIV/AIDS and Intervention Strategies in Jiangsu Province, China
H.J. Yan
Nanjing (China)
- 20.005 Late Diagnosis of HIV Infection in Santiago, Chile. Characteristics and Risk Factors in Men
F.T. Alonso, B. Marincovich
Santiago (Chile)
- 20.006 Health Risks Among A Group of Female Sex Workers (FSWs) of Agra, India: Implications for HIV/Aids/STDs Prevention
V.S. Yadav, T. Hussain
Agra (India)
- 20.007 Transmitted Resistance in Newly Diagnosed HIV-Infected Individuals in South Eastern Spain (2005-2007). Detection of Minority Viral Quasispecies
L. Martin, V. Guillot, M. Alvarez, A. Peña, N. Chueca, J. Hernández-Quero, F. Garcia, G. Piédrola, **M.C. Maroto**
Granada (Spain)
- 20.008 Perception of HIV/AIDS Patients Among Pre-Clinical Dental Students
H. Oboro, **C. Azodo**, M. Sede
Benin (Nigeria)
- 20.009 Seroprevalence of HIV Among Antenatal Cases and Response to Nevirapine Therapy in Suburban Population
M. Khandait
Pune (India)
- 20.010 How do AIDS-Defining Illnesses affect the Survival of AIDS Patients?
S.H. Tey, L.W. Ang
Singapore (Singapore)

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- 20.011 The History of HIV/AIDS in Southeast Asia as Reflected in the Us Census Bureau Databases
W.X. Shandera
 Houston, TX (USA)
- 20.012 The Changing Epidemiology Among Drug Users in Southeast Asia
W.X. Shandera
 Houston, TX (USA)
- 20.013 Modeling and the Forecast of HIV Epidemics in the Target Groups in Irkutsk, Russia
E.D. Savilov, S.N. Zhdanova, B.V. Zvetkov, E.A. Zarudnev, **I.V. Malov**, V.A. Astafiev, A.A. Kosov
 Irkutsk (Russia)
- 20.014 Are Boatmen in Teknaf, A Bordering Area of Bangladesh Vulnerable to HIV Infection?
D.R. Gazi
 Dhaka (Bangladesh)
- 20.015 Maternity Nurses' Knowledge and Attitudes about HIV Transmission and Care: Impact of a Structured Training Program in South India
J. Lionel
 Vellore (India)
- 20.016 Seroreversion Time of Uninfected HIV-exposed Infants in Penang, Malaysia
K.C. Chan, R. Nallusamy, V. Kasinathan
 Penang (Malaysia)
- 20.017 Classification Criteria for AIDS and Its Differential Effects on Patient Profile in Epidemiology Study
 K.W.To, **S.S. Lee**, S. Chu, C.T.Tse, M.P. Lee, K.H. Wong, P.C.K. Li, J.J.Y. Sung
 Hong Kong (China)
- 20.018 Factors Associated with HIV Infection in TB Patients: Voluntary Counseling and Testing Approach
S. Klinchan, C. Sonup, T. Manoonpanich, O. Tienprateep
 Bangkok (Thailand)
- 20.019 Surveillance of Maternal and Paediatric HIV in Malaysia (1991–2007)
S. Zainah, L.Y. Lim, M. Nur Izati, I. Suriani
 Kuala Lumpur (Malaysia)
- 20.020 Attitudes Towards African Traditional Healing Practices in South Africa: Health Care Workers and Traditional Healers Affiliated to Antiretroviral (ARV) Services
S. Mall
 Cape Town (South Africa)
- 20.021 Circulation of Human Immunodeficiency Virus Type-2 (HIV-2) in Mozambique
C.A. Semá
 Mapu (Mozambique)

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HIV/AIDS—EPIDEMIOLOGY, PREVENTION AND CONTROL

- 20.022 Behavioral Change in Female Sex Workers of Lahore, Pakistan, for HIV/AIDS Prevention
I. Shahzadi, F. Jalil
Lahore (Pakistan)
- 20.023 Awareness of HIV Status in South Africa: A National Household Survey vs. a Private Security Sector Survey
V. Pillay, T. Rehle, L. Simbayi, K. Zuma, S. Jooste
Cape Town (South Africa)
- 20.024 Epidemiological Particularities in Patients with HIV/AIDS from Western Romania
I. Marincu, L. Negrutiu, I. Iacobiciu, R. Olariu, A. Neghina, M. Cornianu, R. Neghina
Timisoara (Romania)
- 20.025 Profile of Integrated Counseling and Testing Center (ICTC) Attendees at National Institute of Communicable Diseases (NICD) ICTC in Delhi, India
D.K. Maskay
Delhi (India)
- 20.026 Post-Exposure Prophylaxis, the Increasing Need for Surveillance, the UCH/ARV Clinic Experience
O.O. Aiki, A. Babalola, O. Mosuro, O.O. Orekoya, A.M. Oladimeji
Ibadan (Nigeria)
- 20.027 AIDS Knowledge, Attitudes, Beliefs and Practices (KABP) in Iranian Prisoners' Society: Results from a Population-Based Survey in 5 Prisons of Southern Coastwise of the Caspian Sea in 2006 Iranian Epidemiological Training Programs for AIDS Prevention in Mazandaran Province
F. Babamahmoodi, A.R. Babamahmoodi, R. Mohamadinia
Sari, Tehran (Iran)
- 20.028 Comparing Two Methods of Training in Increasing Knowledge of People with Respect to AIDS, Shiraz, Iran 2007
S.H.R. Tabatabaee, S. Daneshvar, H. Ghaem
Shiraz (Iran)
- 20.029 Reduction in Prevalence of Sexually Transmitted Infections by Preventive Health Education and Condom Promotion Among Males Having Sex with Males
M.R. Khanani, A. Mahmood, K. Lal, M. Naeem, Q. Abbas, A. Rehman, S.A. Shah
Karachi, Sukkur (Pakistan)
- 20.030 Safe Sex Practice Among HIV Positive Women on Antiretroviral Therapy: A HIV Prevention Challenge for Poor Resourced Settings
M. Mokgatlé-Nthabu, N. Chinkanda, S. Madiba, B. Mukasa, H. Nyirende
Pretoria (South Africa)

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**ANIMAL MODELS, PATHOGENESIS OF INFECTIOUS DISEASES
AND HOST DEFENSES**

- 21.001 Dental Biofilm Prevention by *Mentha spicata* and *Eucalyptus camaldulensis* Essential Oils
I. Rasooli
Tehran (Iran)
- 21.002 Experimental Infection in Cats with a cagA+, vacA+ Human Isolate of *Helicobacter pylori*
J. Khoshnegah, S. Jamshidi, M. Mohammadi, N. Mohajerani
Mashhad, Tehran (Iran)
- 21.003 A Simple and Rapid Method of Preparation of Rabbit Antiserum Against Alkyl Hydroperoxide Reductase (AhpC) of *Helicobacter pylori*
T. Mohammadian, M. Doosti, M. Paknejad, F. Siavoshi, S. Massarrat, M.R. Hagh-Zare
Qods city, Tehran (Iran)
- 21.004 Significance of Cell Cycle Manipulation in the Establishment of Dengue Virus and West Nile Virus Infection
M.K. Chong, M.L. Ng
Singapore (Singapore)
- 21.005 Beneficial Effects of Biotherapeutics in the Management of Experimentally Induced CDAD in BALB/C Mice
S. Kaur, **C. Vaishnavi**, K.K. Prasad, P. Ray, R. Kochhar
Chandigarh (India)
- 21.006 Control of Virus-associated Hemophagocytic Syndrome by Peroxisome Proliferator Activated Receptor Agonists in a Rabbit Model
W.C. Hsieh, B.S. Lan, I.J. Su
Tainan (Taiwan)
- 21.007 Analysis of the Infectious Entry Pathway of Dengue Viruses into Host Cells
F.N. Ang, M.L. NG, J.J.H. Chu
Singapore (Singapore)
- 21.008 Infection Control Assessment in Private Dental Clinics of Bandar Abbas, Iran
V. Alipour, A.M. Araghizadeh, L. Rezaei
Bandar Abbas (Iran)
- 21.009 The Linear Behaviour of Pathogen Strain of *Bacillus anthracis* A0843 in Anthrax Subcutaneous Challenge on Rabbit Model
A. Fasanella, R. Adone, S. Losito, D. Chiocco, G. Garofolo, S. Scasciamacchia
Foggia, Rome (Italy)
- 21.010 Aflatoxin B1 Production in Tissues in Experimental Invasive Aspergillosis Due to *Aspergillus flavus*
P. Geraldine, M. Saraswathi, G. Leema, P.A. Thomas
Tiruchirapalli (India)

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- 21.011 In Vivo Pharmacodynamic Characterization of T-705 in an Experimental Influenza Infection Model in Mice
K. Takahashi, T. Kadota, T. Tanaka, T. Komeno, H. Hayakawa, J. Mitsuyama, Y. Furuta, K. Shiraki
Tokyo, Toyama (Japan)
- 21.012 Study of Sedative and Anxiolytic Effects of Herbal Extract *Hypericum perforatum* in Comparison with Diazepam in Rats
A. Rezaie, K. Rezaee Dorostkar, M. Pashazadeh, S. Mohammad Nejad
Tabriz (Iran)
- 21.013 Primary Vaccination with a Diphtheria, Tetanus, Acellular Pertussis, *Haemophilus Influenzae* Type B Conjugate Vaccine (Pentaxim) at 6, 10 and 14 Weeks of Age of Infants in South Africa
S.A. Madhi, C. Cutland, M. Groome, E. Ortiz
Lyon (France), Soweto (South Africa)
- 21.014 Molecular Epidemiologic Analysis of Group A Rotaviruses in Children with Diarrhea in Wuhan City, China, 2007
X. Zhou, N. Kobayashi, Y.H. Wang, Z.R. Zhu, D.J. Zhou, S.H. Sun
Wuhan (China), Sapporo (Japan)
- 21.015 Establishment of BALB/C Mice Model for the Acute and Chronic Forms of Human Melioidosis Caused by *Burkholderia pseudomallei*
R. Perumal Samy, P. Gopalakrishnakone, H. Bow, V.T.K. Cow
Singapore (Singapore)
- 21.016 *Toxoplasma gondii* Infection Induces Lipid Metabolism Alterations in the Murine Host
I. Milovanovic, A.M. Trbovich, M. Vujanic, I. Klun, B. Bobic, A. Nikolic, V. Ivovic, O. Djurkovic-Djakovic
Belgrade (Serbia)
- 21.017 Response to a DTaP-IPV-Hib combined vaccine (Pentaxim) Given as a Booster in Thai Children Primed with an Acellular Pertussis Combination Vaccine
U. Thisyakorn, C. Pancharoen, S. Chuenkitmongkol
Bangkok (Thailand)
- 21.018 An Acellular Pertussis, Diphtheria, Tetanus, Inactivated Poliovirus, Hib-Conjugate Combined Vaccine (Pentaxim) at 2, 4, and 6 Months of Age Plus Hepatitis B at Birth, 2, and 6 Months of Age in Infants in Thailand
U. Thisyakorn, T. Chotpitayasunondh, **C. Pancharoen**, S. Chuenkitmongkol, E. Ortiz
Lyon (France), Bangkok (Thailand)

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- 21.019 Primary Vaccination of Indian Infants at 6, 10, 14 Weeks of Age with a Diphtheria, Tetanus, Acellular Pertussis, Inactivated Poliovirus, *Haemophilus Influenzae* Type B Conjugate Vaccine (Pentaxim)
A.K. Dutta, V.P. Verghese, E. Ortiz
Lyon (France), New Delhi, Vellore (India)
- 21.020 Immunogenicity and Safety of Human Papillomavirus (HPV)-16/18 AS04 Adjuvanted Vaccine in Healthy Males Aged 10-18 Years
M. Lehtinen, T. Petäjä, H. Keränen, T. Karppa, A. Kawa, S. Lantela, H. Levänen, T. Tocklin, O. Godeaux, G. Dubin
Rixensart (Belgium), Mikkeli, Tampere (Finland), King of Prussia, PA (USA)
- 21.021 Modulation of Interleukin-18 Produces a Positive Impact on the Release of Proinflammatory and Antiinflammatory Cytokines During Malaria Infection
R. Basir, K. Hasballah, L.H. Gam, A.M.S. Abdul Majid, S. Ismail
Penang, Serdang, Selangor (Malaysia)
- 21.022 Construction and Functional Evaluation of *rtxC* and *rtxA/C* Mutants of O139 *Vibrio cholerae*
G.C. Tan, L.A. Chan, S. Kurunathan, S.A. Atif, Z.N. Tan, M. Ravichandran, P. Lalitha
Kubang Kerian (Malaysia)
- 21.023 Hepatitis C Virus Infection Protein Network
B. de Chassey, V. Navratil, L. Tafforeau, P. Andre, C. Rabourdin-Combe, V. Lotteau
Lyon (France)
- 21.024 Identification of *Candida tropicalis* Immunoreactive Proteins by Immunoproteomics
V.C. Yong, R. Rozita, H.F. Seow, P.P. Chong
Serdang (Malaysia)
- 21.025 *Anopheles stephensi* Mosquito Saliva Modulates the Murine Immune Response to and Pathogenesis of *Plasmodium berghei* Infection
B.S. Schneider, R. Peronet, J. Louis, S. Mecheri
Paris (France)
- 21.026 Minimising Influenza Disease with Fibrates
L.M. Alleva, A.C. Budd, I.A. Clark
Canberra (Australia)
- 21.027 Construction and Histopathological Characterization of Multiple Virulent Genes Mutant of *V. cholerae*: To Understand the Enteropathogenesis of Cholera
M. Chandrika, G.C. Tan, M.A. Nurul Ashikin, M. Chan, N.M.N. Nik Zuraina, S. Kurunathan, M. Shyamoli, M. Ravichandran, P. Lalitha
Kubang Kerian (Malaysia)
- 21.028 *In-vitro* and *In-vivo* Studies on the Effect of Using Single and Combinations of Antibiotics on Different Phases of Bacterial Growth
S.M. Sulieman
Khartoum (Sudan)

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**OBSTETRICAL-GYNECOLOGICAL, SURGICAL AND
SEXUALLY TRANSMITTED INFECTIONS**

- 22.001 Prevalence of *Chlamydia trachomatis* Antibodies Among Infertile Subjects in Anambra State, Nigeria
F.E. Emele, I.C. Anaghalu, E.D. Adimma, J.E.N. Okonkwo
Nnewi (Nigeria)
- 22.002 Prevalence and Detection of *Ureaplasma urealyticum* and *Mycoplasma hominis* in Endocervical Specimens from Women with Genitourinary Tract Diseases in Iran
H.A. Pordeli
Gorgan (Iran)
- 22.003 Prostatitis-like Symptoms: Prevalence and Impact on Quality of Life in Kenyan Youth Aged 16-19 Years
J. Pikard
Kingston (Canada)
- 22.004 Sexually Transmitted Disease Prevention: Knowledge, Attitudes, and Practices Among School Pupils in Rural Ghana
L.Q. Duong, C. Debpuur, K. Kahn
Kassena (Ghana), Johannesburg (South Africa), Hanoi (Vietnam)
- 22.005 Sexually Transmitted Diseases in Tribal Population of Central India
V.G. Rao, A.R. Anvikar, D. Savargaonkar, B.K. Tiwari, A. Abbad
Jabalpur (India)
- 22.006 Screening for *C. trachomatis* and *N. gonorrhoeae* Infections by Testing Penile Meatal Swabs and Urine with APTIMA® Combo 2
M. Chernesky, D. Jang, E. Portillo, M. Smieja
Hamilton (Canada)
- 22.007 Enhanced Surveillance Study of New Cases of Syphilis in Australia
E.S. McBryde, N. Higgins, T. Read, S. Wallis, C. Fairly
Melbourne (Australia)
- 22.008 Comparative in Vitro Activity of Zabofloxacin (DW-224a) Tested Against Multidrug-Resistant *Neisseria gonorrhoeae*
R. Jones, D. Biedenbach, H. Sader, T. Fritsche, P. Ambrose, M. Wikler
San Diego, CA, North Liberty, IA, Albany, NY (USA)
- 22.009 Etiology of Fever in Pregnant Women in Kathmandu, Nepal
N.S. Shrestha, R. Shaha, U. Mishra
Kathmandu (Nepal)

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- 22.010 Relationship Between Bacterial and Fungal Infection and Premature Rupture of Membranes
D. Januszkiewicz, M. Szczepanska, A. Szumala-Kakol, J. Skrzypczak, J. Nowak
Poznan (Poland)
- 22.011 A Metapopulation Framework for Explaining the Socio-Demographic and Geospatial Epidemiology of Gonorrhea and Other Sexually Transmitted Infections in Heterosexual Populations
M. Chen, J. Edmunds, A. Ghani
Singapore (Singapore), London (United Kingdom)
- 22.012 Genital Tuberculosis-A Silent Infection in Infertile Indian Population
M. Jain, A. Baxi
Indore (India)
- 22.013 Access to Sexually Transmitted Infections Services in Rural South Africa: An Evaluation of the Implementation of the National Treatment Guidelines
S.E. Madiba
Pretoria (South Africa)
- 22.014 Genital Ulcers in Men in Hong Kong
K. Lee, S.S. Lee, K.M. Ho
Hong Kong (China)
- 22.015 Clinic-Based Management of Sexually Transmitted Infections: A Cross-Sectional Study of a Sentinel Site in South Africa
M. Mokgatlé-Nthabu, S.E. Madiba, K. Mokwena, G.A. Ogunbanjo
Pretoria (South Africa)
- 22.016 Quinolone Resistance in Canadian *Neisseria gonorrhoeae* Strains (2001–2005)
L.K. Ng, A. Lau, I. Martin, G. Liu
Winnipeg (Canada)
- 22.017 Designing of a Multicomponent Internet-Based CME Course in the Management of Sexually Transmitted Diseases for Physicians and Midwives in Peru
F.A. Canchihuaman, P.J. Garcia, K.K. Holmes
Lima (Peru), Seattle, WA (USA)
- 22.018 Prevalence, Determinants and Sequelae of Development of Asymptomatic Bacteriuria in Pregnancy in Nigeria
T.A. Oyebode, S.A. Sagay, G. Imade
Jos (Nigeria)

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**OBSTETRICAL-GYNECOLOGICAL, SURGICAL AND
SEXUALLY TRANSMITTED INFECTIONS**

- 22.019 A Real-Time PCR Assay to Detect Human Cytomegalovirus DNA in Amniotic Fluid of Primarily Infected Women
T. Lazzarotto, B. Guerra, L. Gabrielli, F. Baccolini, M. Lanari, E. Petrisli, G. Piccirilli, G. Cavalieri, **M.P. Landini**
Bologna (Italy)
- 22.020 Comments on Data Analysis of Representative Sample on Knowledge-Beliefs and Attitudes Towards Sexually Transmitted Diseases (STDs)
A. Anastassiou, K.P. Katsiardani, G. Mitsiou, K. Katsiardanis, M. Giovanetto, A. Gerovassili, S. Mpampalitsa, J. Tassiou, V. Varlami, S. Daktyla, E. Vlachaki-Taveli Larisa, Volos (Greece)
- 22.021 Prevalence of Human Papillomavirus (HPV) Infection from Cervical Swabs of Normal Women in Southern Selangor, Malaysia
A.R. Nurul Asyikin, R. Rozita, C.K. Ng, W.H. Wan Hamilton, B.C. Tan, M. Rusinahayati, P.P. Chong
Kajang, Serdang, UPM (Malaysia)
- 22.022 Respondent-Driven Sampling Technique to Study Prevalence of STI and HIV Among Female Sex Workers in Goa, India: Experiences from Field
S. Wayal, A. Copas, F. Cowan, V. Patel, D. Mabey, M. Shahmanesh
Brighton, , London, , London (United Kingdom)
- 22.023 Case Finding Effectiveness of Partner Notification among Patients with Early Syphilis in Madagascar
N. Ravelomanana, M. Khan, K. Van Damme, B. Randrianasolo, V. Ramaniraka, N. Ranaivo, D. Ratsiambakaina, E. Hook, F. Behets
Antananarivo (Madagascar), Birmingham, AL, Chapel Hill, NC (USA)
- 22.024 Detection and Genotyping of *Chlamydia trachomatis* in Clinical Urogenital Samples from North-Eastern Croatia
Z. Bosnjak, N. Bosnjak, S. Dzijan, D. Pavlinic
Osijek (Croatia)

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SURVEILLANCE SYSTEMS

- 23.001 Polio Eradication and Acute Flaccid Paralysis Surveillance
P.T. Francis
Cochin (India)
- 23.002 Application of Geographical information System (GIS) in Outbreak of Hand, Foot and Mouth Disease (HFMD) in Sarawak
C.H. Ooi, A. Kiyu, G. Brooke
Kuching (Malaysia)
- 23.003 Susceptibility of *H. influenzae* and *M. catarrhalis* in Asia and Europe: 2007 GLOBAL Surveillance Program
D.C. Draghi, V. Alluru, N.P. Brown, C. Thornsberry, D.F. Sahn, C.M. Pillar
Herndon, VA (USA)
- 23.004 An Intelligent Web-Based Query System for Spatiotemporal Visualization of Infectious Diseases Surveillance Data in Taiwan
Y.L. Liu, Y.T. Tsai, C.M. Chang, T.P. Chang, H.W. Kuo, J.H. Chuang
Taipei (Taiwan)
- 23.005 A Model for Diarrheal Diseases Surveillance System in Iran
N. Arjmand Kermani, H. Mohaghegh, A. Zarghi, W.E. Keene, M. Azimi Rad, M. Tajbakhsh, Z. Nochi, A. Ramezankhani, M.R. Zali
Tehran (Iran), Portland, OR (USA)
- 23.006 Real-time Decision Support and Intelligence for Prevention and Control of Infectious Disease in the United Kingdom
C. Kara-Zaitri, R. Hamilton, D.R. Gelletlie, M. Schweiger, H. Barnes
Bradford, Leeds (United Kingdom)
- 23.007 Verification of Resistance Prevalence in Bacterial Pathogens by the Nationwide Surveillance Conducted by the Japanese Society of Chemotherapy (JSC)
Y. Niki, S. Kohno, N. Aoki, A. Watanabe, J. Sato, K. Totsuka, M. Yagisawa, H. Hanaki
Tokyo (Japan)
- 23.008 Indexing Infectious Disease Information with an Intelligent Database
J. Brown
Tacoma, WA (USA)
- 23.009 Canadian Integrated Laboratory-Based Surveillance of Human Salmonella Isolated During 2002 to 2006
L.K. Ng, W.H.B. Demczuk, C. Nadon, The Canadian Public Health Laboratory Network
Provincial Public Health and Reference Laboratories, Winnipeg (Canada)
- 23.010 Influenza and Acute Respiratory Infection Surveillance in Bulgaria
A. Kurchatova, **M. Kojouharova**, T. Georgieva, A. Georgiev
Sofia (Bulgaria)

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- 23.011 Evaluation of the Existing Bacterial Meningitis Surveillance System in Islamabad, Pakistan
J.A. Ansari, B.M. Kazi, M. Salman, R.J. Asghar
Islamabad (Pakistan), Atlanta, GA (USA)
- 23.012 Evaluation of Hepatitis Surveillance Systems in Pakistan
R.M. Safdar, S.A. Khan, R.J. Asghar
Islamabad (Pakistan), Atlanta, GA (USA)
- 23.013 Evaluation of the Existing Diarrhoea Surveillance System in Children Under 5 in District Peshawar, NWFP Pakistan
N. Murad, M. Zaheen, R.J. Asghar
Peshawar (Pakistan), Atlanta, GA (USA)
- 23.014 Epidemiology of Travelers' Diarrhea in Japan: Quarantine Surveillance at Narita International Airport, 2001-2005
M. Hachiya, H. Kikuchi, T. Mizoue
Narita, Tokyo (Japan)
- 23.015 Evaluation of Internet-Based Informal Surveillance for Global Infectious Disease Intelligence
J.S. Brownstein, C.C. Freifeld
Boston, MA (USA)
- 23.016 The Global Health Monitor: A Bio-Geographic View of World Outbreak News
N. Collier, S. Doan, A. Kawazoe, M. Shigematsu, K. Taniguchi, K. Takeuchi, A. Kawtrakul, D. Dien
Okayama, Tokyo (Japan), Bangkok (Thailand), Ho Chi Minh City (Vietnam)
- 23.017 Timely Monitoring Influenza Virus Activities and Influenza-Like Illnesses Through Syndromic Surveillance in Taiwan
E.A. Goka, C.L. Kao, J.T.S. Wu, C.S. Huang, P.L. Lin, C.J. Lee, S.F. Chuang, M.Y. Yen, L.T. Lee, C.C. King
Taipei (Taiwan)
- 23.018 Detection of Novel Enterovirus with Emergency Department Based Syndromic Surveillance System in Taipei City
T.S. Wu, S.F. Chang, W.R. Chen, M.Y. Yen, C.L. Kao, C.C. King
Taipei (Taiwan)
- 23.019 Facing the Global Challenges of Emerging and Re-emerging Infectious Diseases in Taiwan
C.C. King, T.S.J. Wu, H.P. Lin, C.J. Lee, C.L. Kao, C.Y. Lin, S.T. Ma, Y.C.L. Chu, C.S. Huang, H.Y. Lee, D.C. Chan, S.F. Chuang, M.Y. Yen, C.M. Liu
Taipei (Taiwan)

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VECTORS: CONTROL AND EPIDEMIOLOGY

- 24.001 Studies on Dengue Fever in Antigua: Prevalence, Distribution and Population Dynamics of *Aedes Aegypti*
O. Dipeolu
St. Johns (Antigua & Barbuda)
- 24.002 The Anopheles Belt on the Island of Antigua
O. Dipeolu
St. Johns (Antigua)
- 24.003 Surveillance for Dengue Vector Mosquito in Kurunegala District, Sri Lanka
S.D.M. Sumanadasa, M. Hapugoda, I. Peiris, D. Perera, S. Bandara,
M.A.C.M. Mansoor, W. Abeyewickreme
Kurunegala, Ragama (Sri Lanka)
- 24.004 Community Factors Affecting Long Lasting Impregnated Mosquito Net Use for Malaria Control in Sri Lanka
S.D. Fernando, R.R. Abeyasinghe, G.N.L. Galappaththy, N. Gunawardena,
L.C. Rajapakse
Colombo (Sri Lanka)
- 24.005 Neglected Tropical Diseases: An Example of Encouraging Control in Central Africa
F. Louis, L. Kohagne Tongue
Yaounde (Cameroon)
- 24.006 Insecticide Treated Nets; Use, Misuse or Disuse
S.W. Githinji, S. Herbst, T. Kistemann
Bonn (Germany)
- 24.007 Low Access to Insecticide Treated Bednets by Non-Pregnant Rural Adolescent Girls in a Malarious Area
G. Kalanda Chapotera, G. Malenga, F.S. Noah, B. Faragher, B.J. Brabin
Blantyre, Chikwawa (Malawi), Liverpool (United Kingdom)
- 24.008 An Entomological Study to Plan Intervention for Prevention of Dengue in Gampaha District, Sri Lanka
W. Abeyewickreme , **H.A.D.C. Hapangama**, I. Weerasinghe, M.D. Hapugoda,
Y.I.N. Silva Gunawardene, N.K. Gunawardena , A.R. Wickramasinghe
Colombo 8, Ragama (Sri Lanka)
- 24.009 Effect of Repeated Application of Biological Larvicides on Malaria Transmission in Central Côte D'ivoire
G.B. Koudou, E.S. Tchicaya, J. Keiser, J. Utzinger
Abidjan (Ivory Coast), Basel (Switzerland)

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HIV/AIDS: TREATMENT INCLUDING SIDE EFFECTS

- 25.001 Steady-state Pharmacokinetic Comparison of Generic and Branded Formulations of Lamivudine, Stavudine, and Nevirapine in HIV-infected Ugandan Adults
P. Byakika-Kibwika, M. Lamorde, F. Kalemeera, A. D'Avolio, S. Mauro, G. Di Perri, M. Ryan, S. Khoo, M. Boffito, C. Merry
Dublin (Ireland), Turin (Italy), Kampala (Uganda), Liverpool, London (United Kingdom)
- 25.002 Prevalence of Metabolic Abnormalities in HIV-Infected Patients Receiving Highly Active Antiretroviral Therapy and Antiretroviral-Naive Patients
A. Ramezani, M. Mohraz, S. Jam, M. Banifazl, A. Aghakhani, A. Eslamifar, L. Gachkar, F. Yaghmaie, K. Nemati, A.A. Velayati
Tehran (Iran)
- 25.003 HIV Infection, HAART, and Gynecomastia. Epidemiological, Clinical, and Pathogenetic Correlates
R. Manfredi, L. Calza
Bologna (Italy)
- 25.004 Symptomatic Hyperlactatemia and Lactic Acidosis at Tygerberg Hospital: Incidence, Characteristics, Clinical Manifestations, Outcomes and Safety of AZT Substitution for D4T
H Van der Plas
Cape Town (South Africa)
- 25.005 Factors Contributing to ARVs Non Adherence Among PLWHA Attending CTC at Ligula Hospital in Mtwara Region Tanzania
R. Nyemele, A. Mushi, V. Mtweve, M. Pilla
Amani-Muheza, Mtwara, Sumbawanga (Tanzania)
- 25.006 Extending the Durability of First-Line Antiretroviral Regimens: A Pilot Study of Directly Administered Antiretroviral Therapy
L.N. Masese, S.M. Graham, **R. Gitau**, D.M. Mwakangalu, W. Jaoko, J.O. Ndinya-Achola, N. Peshu, K. Mandaliya, R.S. McClelland
Kilifi, Mombasa, Nairobi (Kenya), Seattle, WA (USA)
- 25.007 Reproductive-Organ Disease in HIV-Positive Nigerian Women: Does Highly Active Antiretroviral Therapy (HAART) Make a Difference?
P. Agaba, T. Thacher, C. Ekwempu, J. Adisa, O. Agbaji, J. Idoko, P. Kanki
Jos Plateau State, Jos, Nigeria, Jos, Plateau State, Jos (Nigeria), Boston, MA, Rochester, NY (USA)
- 25.008 Longitudinal Plasma Antibody Titers in Relation to IRD in HIV Patients Beginning ART
Y. Yong, H. Tan, D.I.N.O. Bee Aik Tan, A.D.E.E.B.A. Kamarulzaman, L. Tan, M. French, P.A.T.R.I.C.I.A. Price
Western Australia (Australia), Kuala Lumpur (Malaysia)

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- 25.009 Reduced Morbidity in the First Year After Initiating Highly Active Antiretroviral Therapy Among Ugandan Adults
J. Mpendo, G. Miiro, C. Watera, P. Munderi, S. Nakubulwa, I. Kaddu, **D. Rutebarika**, J. Todd, H. Grosskurth
Entebbe (Uganda)
- 25.010 Clinical Significance of Sub-Optimal CD4 Reconstitution Despite Viral Suppression in An Urban Cohort Initiating Antiretroviral Therapy in Sub-Saharan Africa
D. Nakanjako, A. Kiragga, F. Ibrahim, B. Castelnuovo, M.R. Kanya, P. Easterbrook
Kampala (Uganda)
- 25.011 Effectiveness of Antiretroviral Therapy in a Lower-Level Health Facility Setting in Uganda
E. Kutamba, F.S. Semitala, J.O. Ouma, S.M. Muhumuza, D.M. Mwesigire, R.W. Wanyenze, M.K. Kanya
Kampala (Uganda)
- 25.012 An Advanced ARV Drug Resistance Expert Rule System in BioNumerics®
K. Janssens, B. Pot, D. Michielsens, L. Vauterin, P. Vauterin
Sint-Martens-Latem (Belgium)
- 25.013 Identifying Trends in Viral Replication and Immune Status Markers Among Patients Living with HIV: Impact of the Initial Antiretroviral Therapeutic Regimen on Response to Treatment
C.L. Courtouké, J.S. Bevilacqua, **A.C. Segurado**
Sao Paulo (Brazil)
- 25.014 Cellular Antigen Stimulation Test (CAST) as a Novel, Affordable Laboratory Technique to Assess Potential Hypersensitivity to All Available Antiretroviral Compounds
R. Manfredi, S. Sabbatani, S. Bergonzi
Bologna (Italy)
- 25.015 HIV Genotypes and Patterns of Drug Resistance in Patients Failing HAART in a University Hospital Clinic
G. Revathi, M. Bholla, P. Wangai, R. Harania, P. Ojwang
Nairobi (Kenya)
- 25.016 Multi-Pronged Strategy Greatly Enhances Enrollment of HIV Positive Children Into HIV Care and Treatment: Experience from Uganda
E.M. Namagala, H. Balidawa, E. Madraa
Kampala (Uganda)



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