

Session 26

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

Saturday, June 21, 2008
09:00-09:45

Plenary

PLENARY LECTURE III

Chair: Daniel Lew, Geneva, Switzerland

26.001 Drug Discovery as a Public Health Intervention:
The Ivermectin Story
S. Omura
Tokyo (Japan)

Session 27

Conference Hall 2
Kuala Lumpur Convention Centre (KLCC)

Saturday, June 21, 2008
10:15–12:15

Symposium

EVIDENCE-BASED INFECTION CONTROL: WHAT IS NEW?

Co-Chairs: Richard Wenzel, Richmond, VA, USA
Ziad Memish, Riyadh, Saudi Arabia

27.001 CA-MRSA as a Hospital Pathogen
R. Wenzel
Richmond, VA (USA)

27.002 Preventing Catheter-Related Bloodstream Infections
T.M. Perl
Baltimore, MD (USA)

27.003 Relevant Vaccines for Health Care Workers
S. Ponce de Leon
Mexico City (Mexico)

27.004 Prevention of Surgical Infections
A. Widmer
Basel (Switzerland)

supported in part by a grant from
Johnson & Johnson

Session 28

Plenary Theatre
Kuala Lumpur Convention Centre (KLCC)

Saturday, June 21, 2008
10:15–12:15

Symposium

NEW GENERATION MULTIVALENT VACCINES DESIGNED TO DO MORE

Co-Chairs: Celia Christie, Kingston, Jamaica
Luisa Lina Villa, Sao Paulo, Brazil

Opening Remarks

C. Christie, L.L. Villa

Kingston (Jamaica), Sao Paulo (Brazil)

28.001 Multivalent Protection Against a Severe Pediatric Disease–Rotavirus

C. Christie

Kingston (Jamaica)

28.002 Long Term Benefits of the Quadrivalent Human Papillomavirus Vaccine (HPV)

S. Garland

Victoria (Australia)

28.003 Value of the Quadrivalent HPV Vaccine

L.L. Villa

Sao Paulo (Brazil)

28.004 Review of Global and Regional Recommendations for the Pentavalent
Rotavirus Vaccine and Quadrivalent HPV Vaccine

C. Christie, L.L. Villa

Kingston (Jamaica), Sao Paulo (Brazil)

Questions and Answers

supported by an educational grant from
MSD

Session 29

Banquet Hall
Kuala Lumpur Convention Centre (KLCC)

Saturday, June 21, 2008
10:15–12:15

Symposium

INTRADERMAL ROUTE: THE NATURAL PATHWAY FOR IMPROVED INFLUENZA VACCINATION

Co-Chairs: Brian J. Ward, Montreal, Canada
Beatrice De Vos, Lyon, France

Introduction

29.001 Global Use of Seasonal Influenza Vaccine
D.S. Fedson
Sergy Haut (France)

29.001 The Potential Benefits of Intradermal Vaccination
B.J. Ward
Montreal (Canada)

29.003 Clinical Development of a Seasonal Influenza Vaccine by Intradermal Micro-injection
M. Saville
Marcy l'Etoile (France)

29.004 From Immunogenicity to Vaccine Efficacy: Insights from Statistical and Causal Models
M.E. Halloran
Seattle, WA (USA)

Questions & Answers

Closing Remarks

supported by an educational grant from
SANOVI PASTEUR

Session 30

Room 304/305
Kuala Lumpur Convention Centre (KLCC)

Saturday, June 21, 2008
10:15–12:15

Symposium

VIRAL HEPATITIS

Co-Chairs: Arun Sanyal, Richmond, VA, USA
Yasmin Malik, Kuala Lumpur, Malaysia

30.001 Treatment of Hepatitis C: Yesterday, Today, and Tomorrow
K.R. Reddy
Philadelphia, PA (USA)

30.002 Managing Drug Resistance in the Hepatitis B-Infected Patient
S.S. Tan
Kuala Lumpur (Malaysia)

30.003 Treatment of Hepatitis C in the HIV-Infected Subject
N. Terrault
San Francisco, CA (USA)

30.004 Metabolic Abnormalities in HIV Infection
A. Sanyal
Richmond, VA (USA)

Session 31**Room 302/303**
Kuala Lumpur Convention Centre (KLCC)**Saturday, June 21, 2008**
10:15–12:15**Symposium*****ORIENTIA TSUTSUGAMUSHI: A NEGLECTED PATHOGEN*****Co-Chairs:** Didier Raoult, Marseilles, France
Eskild Petersen, Aarhus, Denmark

31.001 Genome Analysis

A.C. Darby
Liverpool (United Kingdom)31.002 Genetic Variability of *Orientia tsutsugamushi***P.E. Fournier**
Marseille (France)31.003 The Use of Genomics for the Early Diagnosis of Scrub Typhus and
Other Systemic Infectious Diseases**D. Relman**
Stanford, CA (USA)

31.004 Vector and Epidemiology

F. Mahara, N. Takada
Anan Tokushima, Fukui (Japan)

Session 32

Room 301
Kuala Lumpur Convention Centre (KLCC)

Saturday, June 21, 2008
10:15–12:15

Oral Presentations

EXCITING CASES IN INFECTIOUS DISEASES

- Co-Chairs:** Suresh Kumar, Kuala Lumpur, Malaysia
Carla Odio, San Jose, Costa Rica
- 32.001 Postpartum Onset of HTLV-1-Associated Myelopathy/Tropical Spastic Paraparesis (HAM/TSP): A Report of 7 Cases from Peru
F. Ita, K. Verdonck, E. González, E. Mayer, E. Gotuzzo
Amberes (Belgium), Lima (Peru)
- 32.002 Clinico-Epidemiological Study of Pure Neural Leprosy From a Tertiary Hospital in Delhi, India
S. Khandpur, U. Kumar, B.K. Khaitan, N. Khanna
New Delhi (India)
- 32.003 Brucellar Epididymo-Orchitis: Review of 45 Cases in Babol North of Iran
M.R. Hasanjani Roushan, S.A. Asgharzadeh Ahmadi, M. Javanian
Babol (Iran)
- 32.004 The Expanded Access Program to HAART in Chile: Baseline Characteristics and Primary Outcomes of Patients Receiving Treatment, Evaluated Through the Chilean AIDS Cohort (ChiAC)
C. Cortes, M. Wolff, C. Beltran, ChiAC
Santiago (Chile)
- 32.005 Ocular Toxocariasis in Peru: A Report of 16 Cases
J.P. Brena, I. Rolando, C.P. Maguiña, A.G. Hernandez, R.A. Hernandez, M.D. De la Torre, Y. Espinoza, W. Roldan, **E. Gotuzzo**
Lima (Peru)
- 32.006 RNA Viruses Are an Important Cause of Community-acquired Pneumonia in Nepalese Children Living in a Semi-urban District in Kathmandu Valley
M. Mathisen, T.A. Strand, B.N. Sharma, R.K. Chandyo, P.Valentiner-Branth, S. Basnet, R.K. Adhikari, D. Hvidsten, P.S. Shrestha, H. Sommerfelt
Copenhagen (Denmark), Kathmandu (Nepal), Bergen, Tromso (Norway)
- 32.007 East African Trypanosomiasis in Travellers
L. Blumberg, P.P. Simarro, J. Frean
Johannesburg (South Africa), Geneva (Switzerland)
- 32.008 Is Pregnancy Outcome Influenced by Chikungunya Infection? A Case-Control Study in 1401 Pregnant Women Enrolled in the CHIMERE Cohort
X. Fritel, A. Fourmaintraux, O. Rollot, J. Bideault, L. Lagarde, B. Dhuime, M. Gabriele, M.C. Jaffar-Bandjee, A. Michault, D. Ramful, S. , L. Samperiz, P. Cotte, F. Gerardin, Favier
Saint-Benoît, Saint-Denis, Saint-Paul, Saint-Pierre (France)
- 32.009 Pilot Study of Magnesium Sulphate in Adults with Tetanus
P.J. Mathew, T. Samra, J. Wig
Chandigarh (India)

Session 33

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

Saturday, June 21, 2008
14:30-15:15

Plenary

PLENARY LECTURE IV

Chair: Raul E. Isturiz, Caracas, Venezuela

33.001 21st Century Global Health Protection
J. Gerberding
Atlanta, GA (USA)

Session 34

Conference Hall 2
Kuala Lumpur Convention Centre (KLCC)

Saturday, June 21, 2008
15:45–17:45

Symposium

THE NEW FACE OF *CLOSTRIDIUM DIFFICILE*-ASSOCIATED DISEASE (CDAD)

Co-Chairs: John Bartlett, Baltimore, MD, USA
Heikki Peltola, Helsinki, Finland

- 34.001 The spread of hypervirulent *Clostridium difficile* PCR Ribotype 027 in Europe.
E.J. Kuijper, D.L. Monnet
Leiden (Netherlands), Stockholm (Sweden)
- 34.002 Diagnosing *Clostridium difficile*-Associated Diseases: The State of the Art
C.E. Nord
Stockholm (Sweden)
- 34.003 Preventing New and Recurrent CDAD
J. Bartlett
Baltimore, MD (USA)
- 34.004 Managing CDAD: Current and Upcoming Approaches
J. Pepin
Sherbrooke (Canada)

Cervarix™

cervical cancer protection designed to last^{1,2}

Cervarix™ has shown to provide strong and sustained protection* for up to 6.4 years³

HELP  OUT CERVICAL CANCER

1. Gall et al. Presented at the 2007 meeting of the American Association for Cancer Research, Los Angeles, CA, April 14-18, 2007. Abstract 4900. 2. Gianni SL, et al. Vaccine. 2006; 24: 5937-5949. 3. Harper et al. Presented at the 2008 meeting of Society of Gynecologic Oncologists, Tampa, Florida, March 9-12, 2008

*100% protection against pre-cancerous lesions (CIN2+) caused by HPV-16 and HPV-18, has been demonstrated for up to 6.4 years.(3)

To know more about the latest cervical cancer vaccine, visit the GlaxoSmithKline booth.

Indications: CERVARIX™ is indicated in females from 10 to 45 years of age for the prevention of cervical cancer by protecting against incident and persistent infections, cytological abnormalities including atypical squamous cells of undetermined significance (ASC-US) and cervical intraepithelial neoplasia (CIN), CIN 1 and pre-cancerous lesions (CIN 2 and CIN 3) caused by human papillomaviruses (HPV) types 16 and 18. Immunogenicity studies have been conducted in females aged 10 to 14 years and 26 to 45 years to link efficacy in females aged 15 to 25 years to other populations. **Contraindications:** Hypersensitivity to any vaccine component. **Precautions:** Cervarix™ is not intended for the treatment of persistent infection or lesions present at the time of vaccination or to prevent the progression of established lesions. Cervarix™ may not prevent HPV infection and related clinical outcomes due to other oncogenic HPV types. Vaccination is not a substitute for regular cytological screening or for precautions against exposure to HPV and sexually transmitted diseases. **Other Precautions:** acute severe febrile illness; thrombocytopenia; bleeding disorders; impaired immune system; intradermal, intravascular or subcutaneous administration; pregnancy (Category B2); lactation. **Interactions:** Systemic immunosuppressive medications; use separate sites for concomitant administration of CERVARIX™ with other vaccines. **Adverse Reactions** (not a complete list): injection site reactions such as pain, redness, swelling; fever ($\geq 38^{\circ}\text{C}$), fatigue, headache, myalgia, gastrointestinal symptoms including nausea, vomiting, diarrhoea and abdominal pain, itching/pruritus, rash, urticaria, arthralgia, upper respiratory infection, dizziness. **Dosage and Administration:** Shake well before use. The primary vaccination course consists of three doses (intramuscular injection in the deltoid region). The recommended vaccination schedule is 0, 1, 6 months. If flexibility in the vaccination schedule is necessary, the second dose can be administered between 1 month and 2.5 months after the first dose. The necessity for a booster dose has yet to be established. **Storage:** Cervarix™ must be stored between $+2^{\circ}\text{C}$ and $+8^{\circ}\text{C}$. DO NOT FREEZE.

Please read the full prescribing information prior to administration, available from: GlaxoSmithKline Pharmaceutical Sdn Bhd (3277-U) 7th Floor, Menara Lien Hoe, 8 Persiaran Tropicana, 47410 Petaling Jaya, Selangor Darul Ehsan, Malaysia.

Abbreviated Prescribing Information based on Australian Minimum PI (21 May 07) prepared January 2008

 GlaxoSmithKline
Biologics

Session 35

Plenary Theatre
Kuala Lumpur Convention Centre (KLCC)

Saturday, June 21, 2008
15:45–17:45

Symposium

CERVICAL CANCER VACCINATION: THE NEED FOR STRONG AND SUSTAINED PROTECTION

Co-Chairs: Fred Zepp, Mainz, Germany
Hugues Bogaerts, Rixensart, Belgium

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

supported by an educational grant from
GLAXOSMITHKLINE BIOLOGICALS

Session 36

Banquet Hall
Kuala Lumpur Convention Centre (KLCC)

Saturday, June 21, 2008
15:45–17:45

Symposium

MACROLIDES–YESTERDAY, TODAY AND TOMORROW

Co-Chairs: Guy Amsden, Cooperstown, NY, USA
Bruno Barsic, Zagreb, Croatia

Introduction

G. Amsden

Cooperstown, NY (USA)

36.001 RTI: Treatment Challenges

S. Esposito, B. Barsic

Milan (Italy), Zagreb (Croatia),

36.002 *Chlamydia trachomatis*: Area Under the Iceberg

I. Sziller

Budapest (Hungary)

36.003 *Acne vulgaris* - Old/New Treatment?

H. Zelenkova

Svidnik (Slovakia)

36.004 Acute Infectious Gastroenterocolitis: Use or Not to Use Antibiotics?

D. Vukelic

Zagreb (Croatia)

Discussion & Conclusion

supported by an educational grant from
PLIVA

Session 37

Room 304/305
Kuala Lumpur Convention Centre (KLCC)

Saturday, June 21, 2008
15:45–17:45

Symposium

BIODIVERSITY

Co-Chairs: David Relman Palo Alto, CA, USA
Eric Summers, Brookline, MA, USA

37.001 Diversity of Human Microbial Pathogens and Commensals
D. Relman
Stanford, CA (USA)

37.002 Evolution of Diversity in Pathogen Populations
M. Eppinger
Baltimore, MD (USA)

37.003 Retroviral Biodiversity: Practical Consequences for HIV Treatment and Prevention
M. Wainberg
Montreal (Canada)

37.004 Diversity at the Virus-bacterium Interface
D. Raoult
Marseilles (France)

Session 38**Room 302/303**
Kuala Lumpur Convention Centre (KLCC)**Saturday, June 21, 2008**
15:45–17:45**Symposium****AIDS IN ASIA: THE NEW TSUNAMI****Co-Chairs:** N. Kumarasamy, Madras, India
Kevin R. Frost, Washington, DC, USA

- 38.001 AIDS in India
S. Solomon
Chennai (India)
- 38.002 AIDS in Thailand
P. Phanuphak
Bangkok (Thailand)
- 38.003 AIDS Control in China
Y. Shao
Beijing (China)
- 38.004 AIDS in Malaysia
A. Kamarulzaman
Kuala Lumpur (Malaysia)

Session 39**Room 301**
Kuala Lumpur Convention Centre (KLCC)**Saturday, June 21, 2008**
15:45–17:45**Symposium****ANTIBIOTIC PRACTICES AND RESISTANCE IN AREAS OF
UNSTABLE HEALTH INFRASTRUCTURES****Co-Chairs:** Vladimir Krcmery, Bratislava, Slovakia
Dilip Mathai, Vellore, India

- 39.001 Antimicrobial Practices and Resistance in Pediatrics in an HIV Endemic Area of Cambodia
J. Benca, L. Seng Duong
Phnom Penh (Cambodia)
- 39.002 Antibiotic Practices and Resistance in Genocide Areas of Darfur and Southern Sudan
V. Krcmery, S. Njambi
Bratislava (Slovakia), Gordim/Nyamlell (Sudan)
- 39.003 Antibiotic Practices and Resistance in a Rural Haitian Population Isolated by Previous Civil War Conflicts
A. Augustinova, K. Holeckova
Mole St. Nicolaus (Haiti), Bratislava (Slovakia)
- 39.004 Antibiotic Practices and Policies in Slums of Nairobi and Among Refugees in Turkana Area
V. Sladeckova, J.M. Muli
Nairobi (Kenya)

Session 40

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

Saturday, June 21, 2008
12:30–13:30

Poster Presentations

BACTERIAL INFECTIONS

- 40.001 A Role for *Chlamydia pneumoniae* in Inducing IL-10, IL-13, IL-18 and the Chemokines CCL3-alpha, CCL3-beta and CCL5 in Atherosclerotic Patients
M. Bakhiet, A. Al-Zaki, S. Taha
Manama (Bahrain)
- 40.002 Cloning of a Cysteine Protease of Avian *Staphylococcus aureus* and its Expression in *E. coli*
Y. Kazi
Khairpur (Pakistan)
- 40.003 Treatment of Salmonellosis with *Saccharomyces boulardii*
M.I. Krasnov
Kharkiv (Ukraine)
- 40.004 Lymphocyte Subsets and Cytokine Levels in Ascitic Fluid in Patients with Decompensated Liver Cirrhosis with Spontaneous Bacterial Peritonitis
V. Goral, C. Aggil, S. Batun
Diyarbakir (Turkey)
- 40.005 A Simple and Cost-Effective Method for Rapid Purification of Alkyl Hydroperoxide Reductase (Ahpc) from *Helicobacter pylori*
T. Mohammadian, M. Doosti, M. Paknejad, F. Siavoshi, S. Massarrat, M.R. Hagh-Zare
Qods city, Tehran (Iran)
- 40.006 Heat Shock Response in Clinical Isolates of *Brucella abortus*
N. Amir Mozaffari, F. Ghazi, R. Rajabnia, A. Mostafazadeh, A. Mostafaie
Babol, Kermanshah, Tehran (Iran)
- 40.007 Microbial Risk Assessment in the Beverage Industry During Experimental Exploitation of *Klebsiella Oxytoca*
E. Bezirtzoglou, A. Alexopoulos, D. Dimitrellou, I. Theodoridou, A. Koutinas, Y. Kourkoutas
Alexandroupolis, Orestiada, Patras (Greece)
- 40.008 Acute Bacterial Meningitis Among Children <5 Years of Age in Oman: A Retrospective Study During 2000 -2005
N. Dash, D. Panigrahi, S. Al Khusaiby, S. Al Awaidy, S. Bawikar
Muscat, Sohar (Oman), Sharjah (United Arab Emirates)
- 40.009 Bacteriologic Study of Diabetic Foot Ulcer
S.M. Alavi, A.Z. Khosravi
Ahvaz (Iran)
- 40.010 Important Marker of *cagI* and *cagII* in *Helicobacter pylori* Isolated from Dyspeptic Patients in Iran
K. Baghai, **L. Shokrzadeh**
Tehran (Iran)

Session 40

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Poster Presentations

- 40.011 The Prevalence and Risk Factors Associated with Post-infective Irritable Bowel Syndrome (PI-IBS) Developed in Hospitalized Patients Due to Acute Bacterial Gastroenteritis
M. Basaranoglu
Konya (Turkey)
- 40.012 Ampicillin/Sulbactam for the Treatment of Aspiration Pneumonia and Primary Lung Abscess
H.M. Lode, M. Allewelt, H. Mauch, S. Ott
Berlin (Germany)
- 40.013 Some Recurrent Skin Infections May Lead to CGD Diagnosis
L. Sedighipour, Z. Pourpak, F. Fattahi, A. Aghamohammadi, L. Atarod, M.R. Fazlollahi, F. Zandieh, S. Mamishi, G.T. Khotaei, M. Movahedi, I. Mohammadzadeh, M. Moin
Tehran (Iran)
- 40.014 Clinical Profile of Empyema Thoracis: The PGH Experience
R. Cruz, M.J. Sandagon, J. Santiagué
Manila (Philippines)
- 40.015 Efficacy of Probiotic for Inhibition of Intestinal Colonization by Vancomycin-resistant Enterococci
H. Fazeli, B. Nasr Esfahani, M. Mirlohi
Isfahan (Iran)
- 40.016 *Clostridium Difficile*-associated Diarrhea with Hematochezia is Associated with Ulcer Formation
Y. Morimoto, K. Nomura, Y. Tsutsumi, M. Ohshiro, Y. Fujimoto, Y. Kanbayashi, Y. Matsumoto, M. Taniwaki
Kyoto (Japan)
- 40.017 Study of Behaviour and Enterotoxin Production of *Staphylococcus aureus* During the Manufacture and Ripening of Iranian White Cheese
T. Moosavi, G. Karim, A. Akhondzade Basti
Tehran (Iran)
- 40.018 Enterococcal Prosthetic Joint Infections
N.C. Weightman, S.T. Long, J. Conroy, K.G. Kerr
Harrogate (United Kingdom)
- 40.019 Lack of Association of Interleukin-8 Gene Polymorphism with *Helicobacter pylori*-Induced Gastritis in Iranian Patients
S.H. Farshad, M. Rasouli, A. Jamshidzadeh, A. Hosseinkhani, A. Japoni, A. Alborzi
Shiraz (Iran)

Session 40

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

Saturday, June 21, 2008
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Poster Presentations

BACTERIAL INFECTIONS

- 40.020 Analysis of Blood Cultures in Argolis Greece
K. Mitrakou, I. Mitrakos, G.C. Michalopoulos, P. Papageorgiou, M. Vossou, **F. Rozi**
Argos (Greece)
- 40.021 Relationship Between Helicobacter pylori BabA and BabB Status with Other Virulence Factors and Their Correlation with Disease Outcome in Iran
S. Saberi Kashani, M. Douraghi, Y. Talebkhan, M. Bababeik, M. Esmaeili, M. Mohammadi
tehran, Tehran (Iran)
- 40.022 Soluble CD26 and CD30 in Patients with Brucellosis
A. Rafiei, M.R. Hasanjani Roushan, A. Ajami
Babol, Sari (Iran)
- 40.023 Impact of Quinolones on Some Properties of *Vibrio cholerae* Non-01
I. Ciznar, A. Hostacka
Bratislava (Slovakia)
- 40.024 Study of Urinary Tract Infection and Antimicrobial Susceptibility Pattern Among Patients Referred to Immam Khomaini Hospital Ahwaz, Iran
M. Mehdinejad, M. Haidari, Z. Pourdangchi
Ahwaz (Iran)
- 40.025 Human Brucellosis in the Region of Strumica, Macedonia
L. Maninska, K. Marangozova, T. Timova, S. Petkoska
Strumica (Former Yugoslav Republic of Macedonia)
- 40.026 A Prospective Study of Risk Factors for Bacterial Vaginosis in African Women
R. Gitau, B.A. Richardson, S.M. Graham, L.N. Masese, L. Lavreys, K. Mandaliya, W. Jaoko, J.M. Beaten, J.O. Ndinya-Achola, R.S. McClelland
Mombasa, Nairobi (Kenya), Seattle, WA (USA)
- 40.027 Microbial Competition in Oral Health
K. Philip, W.Y. Teoh, S. Muniandy, B.Y. Hashim
Kuala Lumpur (Malaysia)
- 40.028 Prevalence and Characteristics of Shiga Toxin- Producing *E. coli* (Stec) Serotypes Isolated from Subjects with and Without Diarrhea
M. Y. Alikhani, M.M. Aslani, S. Sadeghian, A. Sadegh
Hamadan, Tehran (Iran)
- 40.029 Risk Factors of Sporadic Human Infection of Shiga Toxin Producing *Escherichia coli* O157 and Non-O157 in Australia
M. McPherson, M. Kirk, **J. Raupach**, A. Koehler
Adelaide, Canberra (Australia)

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Poster Presentations

- 40.030 Zidovudine: An Alternative Agent to Antimicrobials in the Treatment of Salmonellosis?
J.M.C. Nascimento, M.V. Silva, S.A. Fernandes
São Paulo (Brazil)
- 40.031 Influence of Bacterial Infection on Appearance and Prognosis of Bleeding in Patients with Liver Cirrhosis
L. Husova, J. Lata, M. Senkyrik, M. Dastych, P. Husa
Brno (Czech Republic)
- 40.032 The Epidemiological, Etiological, Topographic Aspects and Mortality of 22 Cases with Infective Endocarditis (I.e)
A. Kica, **N. Como**, D.H. Kraja, E. Meta, E. Muço, R. Petrela, V. Ostreni
Tirana (Albania)
- 40.033 Borreliosis Increased Multisynndrome Pathology Even in Albania
N. Como, A. Kica, D.H. Kraja, E. Muço, E. Meta, T. Myrseli, R. Petrela, V. Ostreni
Tirana (Albania)
- 40.034 Clinical Manifestations and Treatment of Typhoid Fever in Children
R. Petrela, G. Mullalli
Tirana (Albania)
- 40.035 Acute Insufficiency as a Complication in Salmonellal Infection
S. Trajkova, S. Bisinova-Eftimova, S. Miskova, R. Stojanova, T. Nedelkova, M. Alceva Veles (Former Yugoslav Republic of Macedonia)
- 40.036 Genomic Fingerprints Analysis of Coagulase-Positive and Negative Staphylococci Isolated from Patients with Bacteremia by Rep-PCR Method
M. Moosavian, D. Darban
Ahwaz (Iran)
- 40.037 Evaluation of T Lymphocytes CD4 and CD8 Subsets in Various Clinical Forms of Human Brucellosis
M. Aghamohammadi, K. Ghanati
Tehran (Iran)
- 40.038 Clinical Presentation and Blood Culture Scenario of Typhoid Fever among Urban Children of Bangladesh
M. Nurul Huq, E. Haque Rana
Dhaka (Bangladesh)
- 40.039 Treatment Outcome of Infectious Keratitis in Southern India
P.A. Thomas, C.M. Kalavathy, J. Kaliamurthy, C.A.N. Jesudasan, A.K. Leck
Tiruchirapalli (India), London (United Kingdom)
- 40.040 Generation of Monoclonal Antibodies Against Recombinant Capsular Antigen of *Burkholderia mallei* and Its Potential Application in Glanders Disease Diagnosis
D.T. Selvam, U. Tuteja, H.V. Batra
Gwalior (India)

Session 40

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Poster Presentations

BACTERIAL INFECTIONS

- 40.041 Determination of Minimal Inhibitory Concentration for Antibiotics against some *Mycoplasma mycoides subsp. mycoides* (LC type) Strains
Y. Singh, D.N. Garg
Hisar (India)
- 40.042 Cytological and Biochemical Characteristics of Cerebrospinal Fluid at Enteroviral Meningitis in 2005
D. Naunova Jovanovska, S. Mihova, V. Kirova Urosevic, M. Cvetanovska, K. Grozdanovski, P. Kalamaras
skopje, Skopje (Former Yugoslav Republic of Macedonia)
- 40.043 *Burkholderia pseudomallei* Down-Regulates Host Defense Gene Expression in Non-phagocytic A549 Cells
S.J. Chai, R. Mohamed, S. Nathan
Bangi (Malaysia)
- 40.044 Relationship Between IgeE Antibodies to the *Staphylococcus aureus* Enterotoxin B (SEB) with the Severity of Atopic Dermatitis in Children
S. Kamali Sabzevari, Z. Pourpak, R. Shokouhi Shoormasti, T. Salehi, M. Moin
Tehran (Iran)
- 40.045 Pre- and Intra-Operative Risk Factors Which Influence Early Outcome in Infective Native and Prosthetic Aortic Valve Endocarditis. A Single Center Study
P.M. Dohmen, D. Gabbieri, J. Linneweber, H. Grubitzsch, C. von Heymann, K. Neumann, W.F. Konertz
Berlin (Germany)
- 40.046 An Analysis of Bacteremia and Antimicrobial Sensitivity Patterns In the Setting of a Tertiary Care South Indian Hospital
N. Nagpal, G.K. Varghese
Manipal (India)
- 40.047 Melioidosis in India - Is it the Tip of the Iceberg?
K. Saravu, C. Mukhyopadhyay, S. Vishwanath, V. Rohith, B.A. Shastri, N.R. Rau, I. Bairy
Manipal (India)
- 40.048 A Five-year Review of Bacteremic Melioidosis in a Teaching Hospital in North-Eastern State of Malaysia
Z.D. Zakuan, H. Habsah, M. Kamarul Imran, M.N. Siti Suraiya
Kubang Kerian, Kelantan (Malaysia)
- 40.049 Necrotising Fasciitis and Cellulitis - Emerging Health Problems in New Zealand
D. Das, M. Baker, K. Venugopal
Wellington (New Zealand)

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- 40.050 Comparison of Systemic Inflammatory Response in Patients with Bloodstream Infections due to *S. aureus*, *P. aeruginosa*, enterococci and *Candida* species
H. Wisplighoff, K. Bar, H. Seifert, A.R. Marra, G.L. Bearman, R.P. Wenzel, M.B. Edmond
Sao Paulo (Brazil), Cologne (Germany), Richmond, VA, Richmond, VI (USA)
- 40.051 Assessing Clonality of *Vibrio Cholerae* Strains Isolated During a 4 Year Period in Iran
B. Bakhshi, M.R. Pourshafie
Tehran (Iran)
- 40.052 Characterization of Diversity in *wbeT* Region of the O-Antigen Biosynthesis Gene Cluster in Ogawa and Inaba Serotypes of *Vibrio cholerae*
A. Sharifnia, B. Bakhshi, M.R. Pourshafie
Tehran (Iran)
- 40.053 Melioidosis in an Urban Referral Hospital, Phnom Penh, Cambodia
L. Kruy, R. Seilavath, T. Sopheak, E. Vlieghe, L. Lynen, S. Teav, C. Kham, J. Jacobs
Antwerp (Belgium), Phnom Penh (Cambodia)
- 40.054 Invasion Efficiency of *Burkholderia pseudomallei* from Different Clinical Sources
M.V. Kumutha, M. Vanitha, J. Thimma, O. Hashim, J. Vadivelu
Kuala Lumpur (Malaysia)
- 40.055 Hyperosmolarity Condition and Lung Mucosal fluid pH Enhances *Burkholderia pseudomallei* Invasion to Epithelial Cells
J. Thimma, M.V. Kumutha, S.D. Sekaran, J. Vadivelu
Kuala Lumpur (Malaysia)
- 40.056 Identification of Immunoreactive Secretory Antigens from *Burkholderia cepacia* Against Monoclonal Antibody
M. Vanitha, M.V. Kumutha, O. Hashim, J. Vadivelu
Kuala Lumpur (Malaysia)
- 40.057 Biofilm Formation of *Burkholderia pseudomallei*
N.S.K. Ramli, J. Vadivelu
Kuala Lumpur (Malaysia)
- 40.058 In Vitro Bactericidal Activity of Synthetic Human beta-Defensin 1 against Nosocomial Pathogens
J.G. Routsias, P.A. Karagounis, V.A. Karagounis, G.L. Daikos, G.L. Petrikkos, K. Bakalianou, G. Parvulescu, A. Tsakris
Athens (Greece)
- 40.059 A Waterborne Shigellosis Outbreak in a Primary School
Y.N. Chao, A.S. Huang, C.S. Chiou, C.H. Lin, P.H. Lee, D.D. Jiang
Taipei (Taiwan)

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BACTERIAL INFECTIONS

- 40.060 Effect and Adverse Effect of Erythromycin Internal Use for Prevention of Whooping Cough Infection
H. Tanaka, M. Kaji, K. Higuchi, H. Kawazoe, N. Shinohara, M. Norimatsu, M. Ninomiya, N. Fukuoka, H. Houchi
Miki-cho, Kita-gun, Kagawa (Japan)
- 40.061 Prevalence of *Bartonella spp.*, *Babesia microti*, and *Anaplasma phagocytophilum* Serologic Markers in Patients with Lyme Disease
K. Tomasiewicz, R. Modrzewska, V. Zajac, J. Chmielewska-Badora, E. Murias-Brylowska
Lublin (Poland)
- 40.062 Laboratory Associated Brucellosis in an Non Endemic Area
P. Sugandhi Rao, K.E. Vandana
Manipal (India)
- 40.063 Characteristics of Invasive Pneumococcal Disease (IPD) in Adults in South India
S. Mitra, K. Thomas, V. Balaji, P. Kulkarni, M. Steinhoff
Vellore (India), Baltimore, MD (USA)
- 40.064 Prevalence and Risks of *Vibrio parahaemolyticus* in Black Tiger Shrimp (*Penaeus monodon*)
N. Abdullah Sani, K.W.S. Ariyawansa, A.S. Babji
Bangi (Malaysia)
- 40.065 Genetic Analysis of the Flagella Gene of Lyme Disease Spirochetes (*Borrelia burgdorferi*) Isolated from the Offshore Kinmen Island of Taiwan
L.L. Chao, C.M. Shih
Taipei (Taiwan)
- 40.066 Isolation, Identification and Growth of *Enterobacter sakazakii* in Powdered Infant Formula Milk
M. Ghassem, **N. Abdullah Sani**, A.S. Babji
Bangi (Malaysia)
- 40.067 Culture Proven Treatment Failures in Patients with Erythema Migrans Treated with Azithromycin, Amoxicillin, Cefuroxime Axetil, or Doxycycline
F. Strle, E. Ruzic-Sabljic, S. Lotric-Furlan, J. Cimperman, M. Logar, A. Pikelj-Pecnik, D. Cerar, V. Maraspin
Ljubljana (Slovenia)
- 40.068 Investigation of *cagI* and *cagII* in *H. pylori* Isolated from Dyspepsia Patients in Iran
K. Baghai, **L. Shokrzadeh**, F. Jafari, H. Dabiri, M. Bolfion, N. Sahebkhhtiyari, D. Mirsattari, H. Zojaji, M.R. Zali
Tehran (Iran)

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- 40.069 Differential Protein Expression of *Helicobacter pylori* During Apoptosis Gastric Cells
Y. López-Vidal, A. Vega-Belmont, G. Castillo-Rojas, G. Mendoza-Hernández, R. Amieva-Hernandez
Distrito Federal (Mexico)
- 40.070 Cardiovascular Complications in the Acute Phase of Bartonellosis (Oroya Fever): 20 Years of Experience at IMTAVH-HNCH
C. Maguiña, E. Ordaya, C. Ugarte-Gil, R. Duenas, V. Franco, P. Ventosilla, **E. Gotuzzo**
Lima (Peru)
- 40.071 Intracellular Survival of *Burkholderia pseudomallei*: A Possible Mechanism for Cell Spreading
P. Gopalakrishnakone, R. Perumal Samy, H. Bow, V.T.K. Chow
Singapore (Singapore)
- 40.072 Quantifying Risk Factors for Human Brucellosis in Tanzania
S. Kunda
Dar es Salaam (Tanzania)
- 40.073 Duration of VRE (Vancomycin resistant enterococcus) Carriage and Clearance of VRE in Renal Patients
A. Kurup, Y.Y. Wong, J.G.H. Low, K.Y. Tan, Y.L. Koh, M.L. Ling, A.L. Tan
Singapore (Singapore)
- 40.074 Combating Endemic Diphtheria in a Tropical Metropolis: A Matched Case-Control Study in Ho Chi Minh City, Vietnam
D.R. Murakami, D.R. Phuong, D.R. Thang, D.R. Chau
Shinjuku, Tokyo (Japan), Ho Chi Minh City (Vietnam)
- 40.075 Clinical Features of Neutropenic Fever in Korea, a Single Center Study (2003-2008)
D.J. Kang, **S.Y. Shin**
Jeju (Republic of Korea)
- 40.076 Cloning and Characterization of *hemA* Gene of *Vibrio cholerae* O139
N.M.N. Nik Zuraina, S.A. Atif, A.R. Nurhaslindawathy, Y.Y. Chan, S. Kurunathan, M.A. Nurul Ashikin, P. Lalitha, F.Z. Zainul, M. Ravichandran
Kubang Kerian (Malaysia)
- 40.077 Typhoid Ileocolitis - Endoscopic Aspects
A. Murinello, A. Morbey, J.F. Coelho, P. Mendonça, A. Lázaro, J. Netta, A.C. Pires, M. Ramalho, N.C. Ribeiro, H. Peres
Lisbon (Portugal)
- 40.078 Efficacy of Initial Treatment of Purulent Meningitis with Ceftriaxone and Adjunctive Dexamethasone
Z. Milenkovic, K. Karovski, V. Kirova, M. Cvetanovska, P. Stojovska, K. Grozdanovski, I. Demiri, G. Petkov, Z. Sopova
Gevgelija, Skopje (Former Yugoslav Republic of Macedonia)

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- 40.079 Characterization of a Novel Group of *Shigella flexneri* 1c Strains Exhibiting Cytotoxic Activity Against Mammalian Cells
I.J. Azmi, A.K. Ahtesham, K. Begum, I. Ahmed, H.P. Endtz, D.A. Sack, A. Cravioto, A. Nur-E-Kamal, K.A. Talukder
Dhaka (Bangladesh), Baltimore, MA, New Jersey, NJ, Brooklyn, NY (USA)
- 40.080 Detection of Bacteria in Cirrhotic Patients with Non-Neutrocytic Ascites
R. Tavafzadeh, **N. Arjmand Kermani**, M. Azimi Rad, R. Mashayekhi, M.R. Zali
Tehran (Iran)
- 40.081 Neuroborreliosis - Is It Really Problem? Analysis of 1260 Cases with Lyme Disease
E. Marcinkowska, J. Buratowska, J. Iwaszkiewicz-Fiedorczuk, J. Opoka-Kegler, A. Horban, H. Zarnowska
Warsaw (Poland)
- 40.082 Hospital Acquired MRSA Penumonia
L. Zabaznoska, L.J. Ilieva, V. Markovski, V. Semenakova, P. Stojoska, K. Grozdanovski
Skopje (Former Yugoslav Republic of Macedonia)
- 40.083 Interleukin-18 Gene Polymorphisms Are Associated with Brucellosis in Iranian Patients
M. Rasouli, M. Behbin, S. Kiany
Shiraz (Iran)
- 40.084 The -251 AA genotype of the Interleukin-8 Promoter Is Associated with Susceptibility to Brucellosis
M. Rasouli, S. Kiany
Shiraz (Iran)
- 40.085 Nasopharyngeal Colonization of Healthy Young Infants by Multidrugresistant, Optochin-Resistant and Bile-Soluble Atypical *Streptococcus pneumoniae*: Potential Implications for Pneumococcal Diseases
M. Rahman, H. Rashid, N. Nasreen, N. Nahar, K. Zaman, E. Roy, M. Ip, M. Steinhoff
Dhaka (Bangladesh), Hong Kong (China), Baltimore, MD (USA)
- 40.086 Isolated Renal Nocardiosis in An AIDS Patient: Unusual Presentation with Large Renal Mass
K. Pai, G. Varghese
Manipal (India)
- 40.087 *Staphylococcus epidermidis* Attachment to Human Endothelial Cells is Mediated Through Its 20-kDa PS
M.I. Krevvata, F. Kolonitsiou, A.I. Spiliopoulou, N.K. Karamanos, **E.D. Anastassiou**
Patras (Greece)

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- 40.088 Sequencing penA Gene of Strains with Decreased Susceptibility to Penicillin (PenI) Improves Typing of Meningococcal Isolates
P. Mastrantonio, C. Fazio, A. Neri, T. Sofia, P. Stefanelli
Rome (Italy)
- 40.089 Factors Influencing Outcome in Cellulitis Admitted to Hospital and the Role of the Infectious Disease Physician
M. Figtree, S. Miyakis, Z. Jennings, C. Goh, P. Konecny, S. Krilis
Sydney (Australia)
- 40.090 Imaging Findings in Leptospirosis in a Tertiary Care Hospital in Southern India
S. Smiti, M. Prabhu, V.R.K. Rao
Manipal (India)
- 40.091 Distribution of Collagen Binding Proteins in Indian Isolates of Group A Streptococcus
C. Priyanka, A. Chakraborti, S. Singh, R. Kumar
Chandigarh (India)
- 40.092 Neonatal Tetanus at the Close of the 20th Century in Nigeria: the Role of Antenatal Care and Tetanus Toxoid Immunization
T.A. Ogunlesi, J.A.O. Okeniyi, **J.A. Owa**, G.A. Oyedeji
Ilesa (Nigeria)
- 40.093 Acute Q Fever in Hospitalized Patients with Community-Acquired Pneumonia
S. Petrusevska Marinkovic, I. Kondova, A. Anastasovska, K. Spasovska
Skopje (Former Yugoslav Republic of Macedonia)
- 40.094 Epidemiological and Clinical Picture of Hospitalized Patients with Complicated *Bartonella bacilliformis* Infection During An Outbreak in the Highland of Peru
E. Sanchez Vergaray, M. Callacna, G. Patiño, L. Torres, G. Mayor, L. Diaz
Lima (Peru)
- 40.095 Vacuolating Cytotoxin Activity and Caga Gene of Helicobacter pylori Isolates from Peptic Ulcer and Non-Ulcer Dyspepsia Patients from Thailand
O. Suthienkul, S. Tanjatham, F. Uttrachkij, S. Anantapunpong
Bangkok (Thailand)
- 40.096 Prevalence of Community-Acquired Methicillin-Resistant *Staphylococcus aureus* in Skin and Soft Tissue Infections in HIV Positive Patients
M. Cabrini, D. Ameri, I. Bourlot, A. Duarte, A. Sisto, M.M. Perez, M. Erbin, S. Kaufman, H. Perez, P. Cahn
Buenos Aires (Argentina)
- 40.097 CPAP Protocol Reduces Intubation and Mortality of Pneumonia Patients in Resource-Limited Settings
Y. Pagnarith, **S. Chhomrath**, J. Reynolds, V. Kumar
Siem Reap (Cambodia), Des Moines, IA (USA)

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HIV/AIDS—IMMUNOLOGY, VIROLOGY AND DIAGNOSTICS

- 41.001 HIV-1 Induces Apoptosis in Primary Osteoblasts and HOBIT Cells through TNF- α Activation
D. Gibellini, E. De crignis, C. Ponti, L. Cimatti, M. Borderi, **M.C. Re**
Bologna, Trieste (Italy)
- 41.002 Effect of Steroids on TNF- α Expression in Whole Blood Cell Cultures of Individuals with Human Immunodeficiency Virus Infection
R. Raju, K.D. Sagili, P.P. Reddy, S. Suneetha, L.M. Suneetha
Hyderabad (India)
- 41.003 A Prospective Study on Immune Restoration Disease in HIV-Infected Patients Following Successful ART at UMMC
S. Faridah Syed Omar, M. French, L. Tan, A. Kamarulzaman, P. Price
Western Australia (Australia), Kuala Lumpur (Malaysia)
- 41.004 Immunological Profiles of Immune Restoration Disease Presenting as Mycobacterial Lymphadenitis or Cryptococcal Meningitis
H. Tan, D. Bee Aik Tan, Y. Yong, A. Kamarulzaman, L. Tan, A. Lim, I. James, M. French, P. Price
Western Australia (Australia), Kuala Lumpur (Malaysia)
- 41.005 Human Immunodeficiency Virus (HIV) Cervicovaginal Shedding During the Menstrual Cycle in Seropositive Women Followed at a Specialized Care Center in São Paulo
C.A.B.F. Lima, D.S. De Angelis, W. Kleine Neto, I.M. Linhares, D.J. Anderson, L. Zaneveld, **A.C. Segurado**
Sao Paulo (Brazil), Boston, Chicago (USA)
- 41.006 HIV Cervicovaginal Shedding among Postmenopausal and Fertile Women from Sao Paulo, Brazil
K.C. Melo, M.R. Melo, **A.C. Segurado**
Sao Paulo (Brazil)
- 41.007 Expansion of Terminally-differentiated CD8⁺ Effector T cell Subpopulation in Patients with HIV Associated Dementia (HAD)
S.K. Arora, N. Sachdeva, M. Ashman, D. Asthana
Chandigarh (India), Miami, FL (USA)
- 41.008 Prokaryotic Expression and Purification of HIV-1 Subtype C Gag for Use in ELISAs
N. Chin'ombe, M. Lebeko, A.L. Williamson
Cape Town (South Africa)
- 41.009 Application of Heteroduplex Mobility Assay (HMA) for HIV-1 Subtyping
A.M. Win
Yangon (Myanmar)

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CLINICAL MYCOBACTERIAL INFECTIONS AND TREATMENT

- 42.001 Abdominal Tuberculosis in the Golestan Province-Iran
A. Jabbari, S. Besharat, D.R. Khoda bakhshi
Gorgan city (Iran)
- 42.002 Mycobacterial Dermal Lesions of Children in Bam's Earthquake and Determination of their Antibiotic Resistance and Susceptibility
F. Fallah, G. Eslami, A. Jahansepas, M. Sharifian, H. Goudarzi, S. Taheri
Tehran (Iran)
- 42.003 Postantibiotic Effects of Linezolid and Gatifloxacin against Mycobacterium tuberculosis
M. Hui, W.W. Yew, C. Au-Yeang, K.T. Wong, C.C. Leung, W.H. Lam, W.H. Ho, C.Y. Chan
Hong Kong SAR (China)
- 42.004 Spinal Tuberculosis: A Major Public Health Hazard in Isfahan
F. khorvash, A.A. Javadi, A. Emami Naeini
Isfahan (Iran)
- 42.005 Application of Commonly Used Acute Phase Response Parameters in the Assessment of Treatment Response in Bangladeshi Pulmonary Tuberculosis Patients
S. Islam, M.D. Hossain, M.S.R. Khan, M.Z. Islam, M.A. Hasanat, M.M. Rahman
Dhaka (Bangladesh)
- 42.006 Nontuberculous Mycobacterial Diseases in North-Western Greece over a Six-Year Period (2000–2005)
S. Levidiotou, G. Vrioni, C. Pappa, H. Gessouli, C. Gartzonika, D. Stefanou, S. Andronikou, S. Constantopoulos
Ioannina (Greece)
- 42.007 The Impacts of Internal and External Factors for Compliance of Pulmonary Tuberculosis Treatment in Jember District, East Java, Indonesia
E. Suswati, S. Syaf
Jember (Indonesia)
- 42.008 Determinants of Treatment Cessation Among Pulmonary Tuberculosis Patients in Khorassan Province of Iran
A.A. Heydari, M.R. Sarvghad, S.S. Bukhari
Mashhad (Iran)
- 42.009 Multifocal Tuberculous Spondylitis Caused by Multi-drug Resistant Tuberculosis in a 15-year-old Boy
M.Y.W. Kwan, C.N. Hung, C.W. Leung
Hong Kong (China)

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CLINICAL MYCOBACTERIAL INFECTIONS AND TREATMENT

- 42.010 Outcome of Treatment of MDR-TB Patients with Standardized Regimens; Iran's Experience 2002–2006
M.R. Masjedi, **P. Tabarsi**, E. Chitsaz, A. Velayati
Tehran (Iran)
- 42.011 Investigations of Polymorphisms Associated with Cytochrome P4503a5 and MDR1 in Patients with Severe Leprosy Reactions Treated with Cyclosporin A
S.N.S. Marlowe, D.N.J. Lockwood, D.W. Holt, S. Fredericks, A. Johnston
London, Manchester (United Kingdom)

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VACCINES PRE-CLINICAL

- 43.001 Can Outer Membrane Vesicle of Group B Meningococci be Applied as an Adjuvant in Immunization of the Rabbit Against Serogroup A *Neisseria Meningitidis*?
M. Nejati, S.D. Siadat, B. Tabaraie, D. Norouzian, S.H. Najjar Peerayeh, M. Alimagham, M. Zangeneh, A. Sharifat Salmani
Tehran (Iran)
- 43.002 Isolation, Cloning, Expression and Immunoactivity of Periplasmic Binding Protein, FepB
I. Rasooli, M. Alipour, S.L. Mousavi Gargari
Babol, Tehran (Iran)
- 43.003 Immunogenicity of Recombinant Omp28 from *Brucella Melitensis* in Mice
P. Kaushik, P. Chaudhury, G. Shukla, D. Singh
Bareilly (India)
- 43.004 Safety and Efficacy of ML29 Reassortant Lassa Fever Vaccine in Non-Human Primates
I.S. Lukashevich, J.C. Zapata, M. Goicochea, R. Carrion, Jr., J.L. Patterson, K. Brasky, K. Mansfield, M.S. Salvato
Southborough, MA, Baltimore, MD, San Antonio, TX (USA)
- 43.005 Targeting *Burkholderia pseudomallei* Immunogenic Proteins as Potential Prophylactic Agents Against Melioidosis
Y.C. Su, K.L. Wan, R. Mohamed, S. Nathan
UKM-Bangi (Malaysia)
- 43.006 Reversion in Polio Vaccine Viruses in Cultivation Cells Derived from Human Alimentary Tract
A. Yamada, H. Horie
Hikone, Shiga, Koriyama, Fukushima (Japan)
- 43.007 Adaptation of Influenza H5N1 Vaccine Viruses in Vero Cells
Y.F. Tseng, T.C. Weng, Y.S. Chen, A.Y.C. Hu, P. Chong, **M.S. Lee**
Zhunan (Taiwan)
- 43.008 Induction of IFN- γ and IL-17 by Pneumococcal Surface Protein C-Based Vaccines Does not Protect Against a *Streptococcus pneumoniae* Invasive Challenge
D.M. Ferreira, M. Darrieux, D.A. Silva, L.C.C. Leite, P.L. Ho, E.N. Miyaji, **M.L.S. Oliveira**
São Paulo (Brazil)
- 43.009 DNA Vaccine Construct in the Presence of EV71 IRES Elicited Higher Neutralizing Antibody Titre
N.A. MatRahim, S. AbuBakar
Kuala Lumpur (Malaysia)
- 43.010 Protective Immunity Induced by Baculovirus-Expressed Rabies Glycoprotein and Recombinant Adenovirus Expressing Its Protein
K.K. Lee, B.J. So, C.K. Park, J.K. Oem, S.H. Kim, H.R. Kim, C.H. Kwon, Y.S. Joo
Anyang (Republic of Korea)

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ANTIBIOTICS—GRAM-POSITIVE

- 44.001 The Antimicrobial Resistance of *Streptococcus pneumoniae* by E-test Method
H. Abousaidi
Rafsanjan (Iran)
- 44.002 Epidemiology of Pneumococcal Infection and Antimicrobial Resistance of *S. pneumoniae* Iso-Lates Gained from Adults with and Without Low Immune Status (Far East of Russia, 2003–2006)
A. Martynova
Vladivostok (Russia)
- 44.003 Genotypic Characterization of Methicillin-Resistant *Staphylococcus aureus* from a Teaching Hospital
J. Junnie, Y. Hanifah, K.L. Thong
Kuala Lumpur (Malaysia)
- 44.004 'Click Chemistry' Synthesis of Macrolide Derivatives with Anti-MRSA and Anti-VRE Activity
T. Sunazuka, A. Sugawara, K. Nagai, T. Hirose, Y. Yamaguchi, H. Hanaki, K.B. Sharpless, S. Omura
Tokyo (Japan), San Diego, CA (USA)
- 44.005 Antimicrobial Susceptibility of *Streptococcus mutans* Biotypes
F. Gamboa, **O.L. Gomez**, A. Alvarado, J. Bustillo
Bogota (Colombia)
- 44.006 Study of Methicillin-Resistant *Staphylococcus aureus* and Species of Coagulase Negative Staphylococci Isolated from Clinical Specimens and Their Antimicrobial Susceptibility Pattern Among Patients Ahwaz, Iran
M. Mehdinejad, A. Farajzadeh Sheikh
Ahwaz (Iran)
- 44.007 Activity of Nitrofurantoin Against Urinary Tract Infections (Uti) Isolates of Vancomycin-Resistant Enterococci (Vre)
M. Rahbar, M. Hajia, M. Farzanehkhah
Tehran (Iran)
- 44.008 Ability of Iranian Microbiology Laboratories for Detection of Methicillin-Resistant *Staphylococcus aureus* and Performance of Susceptibility to Vancomycin
M. Rahbar, R. Sabourian, M. Saremi, M. Mir Mohammadi Roodaki, S. Hekmat Yazdi
Tehran (Iran)
- 44.009 Dalbavancin Activity Tested Against a Contemporary Collection of Gram-Positive Bacteria from Hospitals in the UK and Ireland: Results from DECIDE Program
M. Cormican, K. Bowker, R. Howe, E. Smyth, **R. Jones**, D. Biedenbach
Dublin, Galway (Ireland), Bristol, Cardiff (United Kingdom), North Liberty, IA (USA)

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- 44.010 Dalbavancin and Selected Comparison Agents Tested Against Indicated Gram-Positive Isolates in European Medical Centers (Italy): Results from the DECIDE Program
E. Debbia, G. Nicoletti, G. Fadda, D. Biedenbach, **R. Jones**
Catania, Genova, Rome (Italy), North Liberty, IA (USA)
- 44.011 Dalbavancin Comparative Activity Tested Against Gram-Positive Species in German Medical Centers: Results from the DECIDE Program
G. Just-Nuebling, W. Falk, F.J. Schmitz, A. Rodloff, D. Biedenbach, **R. Jones**
Frankfurt, Kiel, Leipzig, Minden (Germany), North Liberty, IA (USA)
- 44.012 CsrS (CovS) Regulates the Susceptibility to Antibiotics in *Streptococcus pyogenes*
M. Minami, I. Tatsuno, M. Isaka, M. Ohta, T. Hasegawa
Nagoya (Japan)
- 44.013 The Study of Transferring Frequencies of Aminoglycoside Resistant Genes Among Clinical and Stps Enterococcal Isolates
K. Borhani, M. Saifi, F. Rahimi, M.R. Pourshafie
Tehran (Iran)
- 44.014 Longitudinal Analysis of Tigecycline Activity against US Isolates of *Staphylococcus aureus* Based on Patient Location and Specimen Source
D.C. Draghi, N.P. Brown, M.K. Torres, C.M. Pillar, M.J. Dowzicky, D.F. Sahn
Collegeville, PA, Herndon, VA (USA)
- 44.015 Activity of Telavancin Against Contemporary *Streptococcus spp.* Pathogens: Recent Results from a European Surveillance Program (2007)
T. Fritsche, H. Sader, R. Jones
North Liberty, IA (USA)
- 44.016 Emergence of Optochin Resistant *Streptococcus pneumoniae* in Bangladesh
N. Mawla, M. Rahman, A. B. Lutfor, S. M. Shamsuzzaman, D. Ahmed, H. Rashid, M. A. Hossain
Dhaka (Bangladesh)
- 44.017 Multisensitive Panton-Valentine Leukocidin-Positive Methicillin-Resistant *Staphylococcus aureus* in Kuala Lumpur, Malaysia
I.C. Sam, M. Kahar-Bador, Y.F. Chan, S.K. Loong, M.N.G. Fadzilah, J. Chong
Kuala Lumpur (Malaysia)
- 44.018 Antimicrobial Activity of Daptomycin Tested Against Multidrug-Resistant Gram-Positive Strains Collected in European Hospitals (2003–2007)
H. Sader, T. Fritsche, M. Janecek, R. Jones
North Liberty, IA (USA)

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- 44.019 Antimicrobial Susceptibility Testing of *Bacillus anthracis* Using the Necls Broth Microdilution Reference and Etest Agar Gradient Diffusion Methods
J.H. Chun, O.J. Choi, H.J. Kim, G.E. Rhie, B.S. Kim
Seoul (Republic of Korea), London (United Kingdom)
- 44.020 Pharmacokinetic-Pharmacodynamic Analysis of Vancomycin in Patients with MRSA Bacteremia
T. Kitazawa, Y. Yoshino, K. Tatsuno, K. Koike, Y. Ota
Tokyo (Japan)
- 44.021 The Prevalence of Gentamicin Resistant Enterococci and Identification of Resistance Genes Isolated from Human Normal Flora in Iran
N. Noohi Babajan, M. Talebi, G. Ebrahimipour, M.R. Pourshafie
Tehran (Iran)
- 44.022 Methicillin Resistance in Strains of *Staphylococcus aureus*: Periodic Surveillance Data in 25 Years in a Tertiary Care Teaching Hospital of a Developing Country
N.C. Boudonik, N. McMorris
Kingston (Jamaica)
- 44.023 Antimicrobial Resistance and Serotyping of *Streptococcus pneumoniae* Isolated From Patients in University Malaya Medical Centre Malaysia
M. Y. Yusof, N.K. Palanisamy, S.D. Sekaran
Kuala Lumpur (Malaysia)
- 44.024 Rapid Consumption of Vancomycin in the Presence of Beta-Lactam Antibiotics Causes Beta-Lactam Antibiotic-Induced Vancomycin-Resistance in Methicillin-Resistant *Staphylococcus aureus*
H. Hanaki, C. Yanagisawa, M. Yagisawa, T. Nakae, K. Sunakawa
Tokyo (Japan)
- 44.025 Current Susceptibility Patterns for *Streptococcus pneumoniae* Isolates from Europe and Asia: Findings of the 2007 GLOBAL Surveillance Program
N.P. Brown, **D.C. Draghi**, M.K. Torres, C.M. Pillar, C. Thornsberry, D.F. Sahn
Herndon, VA (USA)
- 44.026 Nationwide Surveillance of *in vitro* Activities of Tigecycline against Clinical Isolates of Gram-Positive Bacteria in Taiwan: Broth Microdilution Method vs. the E-test
S.M. Tsao, H.C. Lin, C.M. Lee, G.J. Hsu, C.M. Chen, W. Sun, Y.C. Liu, T.N. Jang, Y.J. Cheng, P.L. Lu
Changhua, Chiayi, Kaohsiung, Pingtung, Taichung, Taipei (Taiwan)
- 44.027 Detection of Heterogeneously Vancomycin Intermediate Resistant (hVISA) *Staphylococcus aureus* from Blood Stream Infections (BSI)
K. Manickam, J. Guenther, R. Nagy, P. Lenton, B. Swan, M. Alfa
Winnipeg (Canada)

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- 44.028 Tigecycline and Comparators Against *S. pneumoniae*: A Global Study
M. Renteria, D. Hoban, B. Johnson, S. Bouchillon, M. Hackel, J. Johnson, R. Badal, M. Dowzicky
Schaumburg, IL, Collegeville, PA (USA)
- 44.029 Tigecycline Comparison with Minocycline Resistance Pathogens. A Worldwide Perspective
D. Hoban, R. Badal, M. Renteria, S. Bouchillon, B. Johnson, J. Johnson, M. Hackel, M. Dowzicky
Schaumburg, IL, Collegeville, PA (USA)
- 44.030 Multi-Drug Resistant (MDR) *S. aureus* Against Tigecycline and Comparators: A Global Evaluation
R. Badal, D. Hoban, B. Johnson, S. Bouchillon, M. Renteria, M. Hackel, J. Johnson, M. Dowzicky
Schaumburg, IL, Collegeville, PA (USA)
- 44.031 Antimicrobial Activity of Daptomycin and Comparator Agents Tested Against Gram-positive Organisms from Hong Kong, Indonesia, Philippines, Singapore and Thailand
J. Turnidge, J. Bell, R. Jones, **H. Sader**
Adelaide (Australia), North Liberty, IA (USA)
- 44.032 Daptomycin Activity Tested Against Gram-positive Bacteria Isolated from Medical Centers Located in China (2006)
M. Chen, H. Wang, J. Turnidge, R. Jones, **H. Sader**
Adelaide (Australia), Beijing (China), North Liberty, IA (USA)
- 44.033 Comparative Evaluation of Tigecycline and other Antimicrobials in the United States Against Multi-drug Resistant (MDR) *Staphylococcus aureus*
D. Hoban, B. Johnson, S. Bouchillon, M. Renteria, R. Badal, M. Hackel, J. Johnson, M. Dowzicky
Collegeville, IL, Schaumburg, IL (USA)
- 44.034 A Global Evaluation of Vancomycin Resistant Enterococci (VRE) Against Tigecycline: The T.E.S.T. Program
B. Johnson, M. Renteria, R. Badal, S. Bouchillon, M. Hackel, J. Johnson, D. Hoban, M. Dowzicky
Schaumburg, IL, Collegeville, PA (USA)
- 44.035 Production of Recombinant Porcine Lysozyme and Its Lytic Activity Against *Bacillus*
Y. Tsuchiya, Y. Hirakawa, I. Ohiso, S. Inumaru
Hiroshima, Tokyo, Tsukuba (Japan)

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- 44.036 Predominance of Staphylococcal Cassette Chromosome Mec (SCCmec) Type V Among Methicillin-Resistant *Staphylococcus aureus* (MRSA) in a Tertiary Hospital in Malaysia
V. Neela, G.R. Ehsanollah, S. Zamberi, N.S. Mariana
Serdang (Malaysia)
- 44.037 Activity of Fosfomycin on Clinical Isolates of MSSA and MRSA from Austria During 1994 to 2006
C. Jelelean, K. Pfeil, C.H. Luger, S. Stumvoll, M. Stammler, H. Mittermayer
Linz (Austria)
- 44.038 Antibacterial and Synergistic Effects of Extracts of Chinese Traditional Herbs Against *Staphylococcus Aureus*
M.M. O'Donoghue, **M.V. Boost**, S. Lai, C. Ma
Hong Kong (China)
- 44.039 Antibiotic Resistance Pattern among Different Species of *Staphylococcus* spp. with Emphasis on Detection of *mecA* Gene in *Staphylococcus aureus* Isolated from Patients in Tehran
F. Rahimi, J. Vandyousefi, M. Bouzari, Z. Maleki, S. Davoudi, F. Rahimi
Isfahan-Tehran, Isfahan, Karaj, Shiraz, Tehran (Iran)
- 44.040 Evaluation of Tigecycline and Other Antimicrobials in Latin America Against Multidrug-Resistant (MDR) *Staphylococcus aureus*
D. Hoban, B. Johnson, S. Bouchillon, M. Hackel, J. Johnson, M. Renteria, R. Badal, M. Dowzicky
Schaumburg, IL, Collegeville, PA (USA)
- 44.041 Antibiotic Susceptibility Patterns and Detection of Coa and MecA Genes in the Iranian Isolates of *Staphylococcus aureus*
S. Bagherzadeh Yazdchi, M.R. Pourmand, J. Zaeimi Yazdi
Tehran, Yazd (Iran)
- 44.042 In Vitro Activities Against Clinical Isolates of *Staphylococcus aureus*
A. Koteli, A. Kakoulidou, S. Tsingene, M. Andronoglou
Thessaloniki (Greece)
- 44.043 Linezolid Resistance Among Enterococci Correlates to the Number of 23S G2576t Mutations and Duration of Therapy
I. Spiliopoulou, V. Chini, F. Kolonitsiou, **E.D. Anastassiou**, E. Petinaki
Larissa, Patras (Greece)
- 44.044 Methicillin-Resistant *Staphylococcus aureus* (MRSA) and MLSB (Macrolide-Lincosamide-Stretogramin B) Isolated from Community and Hospital-Associated Infections (Ca/Ha-MRSA)
L.M. Junie, D. Homorodean2
Cluj Napoca (Romania)

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- 44.045 Molecular Characterization of Antibiotic Resistant Enterococci
H. Helmi, L. Aboufadel, S. Saad El-Dine, **I. El-Defrawy**
Guiza (Egypt)
- 44.046 Antimicrobial Resistance and Serotype Distribution of *Streptococcus pneumoniae*
Isolates Among Children Under 5 Years of Age, Hai Phong City, Vietnam,
July 2006–October 2007
N. Thi Hien Anh, D. Duc Anh, N. Cong Khanh, B. Nyambat, P. Kilgore,
V. Thi Thu Huong, K. Watanabe, L.M. Yoshida, K. Ariyoshi
Nagasaki (Japan), Seoul (Republic of Korea), Hanoi (Vietnam)
- 44.047 Antibacterial Resistance and Virulence Determinants in *Staphylococcus aureus*
Obtained from Food Handlers in Kuwait City
E.E. Udo, S. Al-Mufti, M.J. Albert
Kuwait (Kuwait)
- 44.048 Comparative In-vitro Evaluation (MICs) of Tigecycline with 9 Other Antibiotics
Against Clinical Isolates of *Streptococcus pneumoniae* Encountered in Jamaica
N.C. Bodoaik, O. Heslop, R. Willis
Kingston (Jamaica)
- 44.049 Innate Immune Effects of the Urushiol on *in vitro* *Staphylococcus aureus* Challenge
in Human Skin Keratinocytes
J.Y. Park, J.H. Chang, M.J. Kim, S.K. Kim
Chuncheon, Wonju (Republic of Korea)
- 44.050 The Pattern of Parenteral Antibiotics Usage and Susceptibility Test at A. Wahab
Sjahanie General Hospital Samarinda, Indonesia
C. Gunawan, E. Anggraeni, I. Fikriah
Samarinda (Indonesia)
- 44.051 Antibiotic Resistance and Its Molecular Mechanisms Among Pneumococci
from Children with Acute Respiratory Tract Infections in Haiphong City,
Northern Vietnam
H.T. Vu, L.M. Yoshida, K. Watanabe, H.A. Nguyen, D.A. Dang, C.K. Nguyen,
K. Ariyoshi
Nagasaki (Japan), Hanoi (Vietnam)
- 44.052 In Vitro Antimicrobial Sensitivity Trends of Enterococci Isolated at an Italian
Teaching Hospital: A 2004–2007 Prospective Report Including Over 2,700
Examined Microbial Strains
A. Nanetti, **R. Manfredi**
Bologna (Italy)

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- 45.001 Influence of Systemic Antifungal Therapy on the Candida Colonization in Medical Intensive Care Patients
A. Gloeckner, K. Zimmermann, P. Abel
Greifswald (Germany)
- 45.002 Trichosporon Septicemia in Patients with Hematological Disorders
K. Suzuki, K. Nakase, T. Kyo, T. Shibasaki, Y. Katayama, K. Oka, T. Tsukada, N. Katayama
Hiroshima, Suzuka, Tsu (Japan)
- 45.003 Occurrence and Etiology of Fungal Rhino-Sinusitis in a New Delhi Teaching Hospital
A. Chowdhary, H.S. Randhawa, G. Khanna, A. Chakravarti, S. Naglot, P. Roy
Delhi, New Delhi (India)
- 45.004 Fluconazole Susceptibility and Genotypic Analysis of Candida albicans from Clinical Sources in Nairobi, Kenya
B.C. Chemutai, R.K. Korir, O.M. Mashedi, E. Gatumwa, M.C. Kangogo
Nairobi (Kenya)
- 45.005 Fungemia in Non-HIV-infected Patients: A 5-Year Review
S. Anunnatsiri, P. Chetchotisakd, P. Mootsikapun
Khon Kaen (Thailand)
- 45.006 Rhino-Facial Entomophthoromycosis Due to Conidiobolus Coronatus
R. Tavares
Lisbon (Portugal)
- 45.007 Monitoring on Antifungal Resistance from Clinical Candida Species by E-Test
P. Badiee, A. Alborzi, E. Shakiba, A. Jojoni
Shiraz, Shiraz (Iran)
- 45.008 The Molecular Epidemiology of Invasive Fungal Infection in Hematological Malignancies Patients
P. Badiee, A. Alborzi, M. Ramzi, E. Shakiba, P. Haddadi
Shiraz (Iran)
- 45.009 Fulminant Systemic Lupus Erythematosus (SLE) Complicated by Invasive Pulmonary Aspergillosis
V. Pandit, G. Varghese
Manipal Karnataka (India)
- 45.010 Voriconazole Eye Drops in the Management of Fungal Endophthalmitis
D. Lau, L. Lok, M. Ferdinands, P.J. Allen, R.O. Fullinfaw, G.E. Davies, **D.C.M. Kong**
Box Hill, East Melbourne, Parkville (Australia)

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- 45.011 Population Pharmacokinetics of Itraconazole Solution Used as Prophylaxis for Febrile Neutropenia
M. Yamashita, Y. Kanbayashi, M. Ohshiro, Y. Morimoto, K. Nomura, Y. Fujimoto, Y. Matsumoto, M. Taniwaki
Kyoto (Japan)
- 45.012 Sensitivity of Yeast Strains from Candida Genus to Fluconazole and Voriconazole
V. Badea, T.N. Parjol, V. Braga, F.C. Badea
Constantza (Romania)
- 45.013 Comparative Study of Tinea Pedis and Onychomycosis Between Type 2 Diabetic Patients and a Non-Diabetic Control Group in the Northern Iran
A. Nasrollahi Omran, M. Ghiaci Mansori, M. Poya, M. Dorafshan, S. Mhammedi Nkhjiri
Tonekabon (Iran)
- 45.014 The Investigation of Epidemiology of Superficial and Cutaneous Mycosis in Referrals to Tehran Clinic for Medical Mycology During the Last Five Years (2003–2007)
A. Nasrollahi Omran, J. Hashemi, F. Abasian, M. Ghane, S. Mohammadi Nakhjiri
Tehran, tonekabon, Tonekabon (Iran)
- 45.015 *Aspergillus nidulans*: A Rare Etiological Agent of Eumycetoma
B. Mehta, R. Pereira, S. Savant, C. Nayak, S. Amladi, S. Deshpande
Mumbai (India)
- 45.016 Fungicidal Effect and Acute Toxicity of Extracts from *Zanthoxylum xanthoxyloides* (Rutaceae)
R.A. Ngono Ngane, R.M. Ebelle Etame, M. Koanga Mogtomo, F. Ndifor, L. Biyiti, P.H. Bouchet, P.H. Amvam Zollo
Douala, Ngaoundéré, Yaoundé (Cameroon), Reims (France)
- 45.017 Continuous Infusion of Amphotericin B deoxycholate in the Treatment of Cryptococcal Meningoencephalitis: Analysis of Safety and Fungicidal Activity
D.R. Falci, C.G. Ramos, V.R. Aquino, L.Z. Goldani
Porto Alegre (Brazil)
- 45.018 Fungiscope - the Global Database for Rare Fungal Infections
M.J.G.T. Rüping, J.J. Vehreschild, C. Beisel, **M. Karthaus**, U. Auerbach, C. Müller, C. Wickenhauser, O.A. Cornely
Köln, München (Germany)
- 45.019 Production and Characterization of Monoclonal Antibodies to *Aspergillus fumigatus*
M. Jafarlou, L.T.L. Than, R. Ramasamy, H.F. Seow
Serdang (Malaysia)

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- 45.020 *In vitro* Activity of Six Antifungal Agents on Clinical Dermatophytes
K. Pakshir, L. Bahaedinie, Z. Rezaei, M. Sodaifi, K. Zomorodian
Shiraz (Iran)
- 45.021 Premedication Practices and Incidence of Infusion-related Reactions in Patients Receiving AMPHOTEC: Data from the PROACT-Patient Registry of Amphotericin B Cholesteryl Sulfate Complex for Injection Clinical Tolerability
G. Krivàn, M. Mrcic, K. David, **D. Paterson**
Zagreb (Croatia), Budapest (Hungary), Harrisburg, PA, Pittsburg, PA (USA)
- 45.022 2% Voriconazole Eye Drops for the Management of Ophthalmic Fungal Keratitis
D. Al-Badriyeh, L. Lok, T. Roydhouse, J. Li, M. Daniell, R.O. Fullinaw, G.E. Davies, K. Stewart, **D.C.M. Kong**
East Melbourne, Victoria, Parkville (Australia)
- 45.023 Effect of *Dodonaea viscosa* var. *angustifolia* on *Candida* Proteinase Production and Oral Epithelial Adherence from HIV+ and HIV- Patients
M. Patel
Johannesburg (South Africa)
- 45.024 Antifungal Properties of Secondary Metabolites from a *Streptomyces* species
J.M. Jee, P.P. Chong, K.P. Ng, C.C. Ho, H.F. Seow
Kota Kinabalu, Kuala Lumpur, Serdang (Malaysia)
- 45.025 Caspofungin Use for the Treatment of Invasive Aspergillosis—Results of a Prospective Observational Registry in the Asia Pacific Region
D.G. Lee, W.S. Shin, Y.C. Chen, Y.S. Kim, K.R. Peck, G.C. Wong, S. Chen, Y.C. Liu, M. Shivaprakash
New South Wales (Australia), Seoul (Republic of Korea), Singapore (Singapore), Taipei (Taiwan), Whitehouse Station, NJ (USA)
- 45.026 Speciation and Antifungal Susceptibility Patterns of Oropharyngeal Candidiasis Among Adult Medical Admissions to Mulago Hospital, Kampala
J.N. Babirye
Kampala (Uganda)
- 45.027 Sunflower Seed Agar for Rapid Identification of *Cryptococcus neoformans* Clinical Isolates from AIDS Patients in Thailand
N. Poonwan, N. Mekha, T. Lrodkaew, S. Koolpan
Nonthaburi (Thailand)
- 45.028 Fungal Infections Etiology at Patients with HIV/AIDS in Timis County Romania
I. Marincu, L. Negrutiu, I. Iacobiciu, R. Olariu, A. Neghina, M. Cornianu, R. Neghina
Timisoara (Romania)
- 45.029 Species Distribution and Antifungal Susceptibility of *Candida* sp. Isolates from HIV Positive Patients with Oropharyngeal Candidiasis
Y.Z. Shen, Y.X. Zhang, H.Z. Lu
Shanghai (China)

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- 45.030 Fungal Myositis—Entomophthoromycosis Clinically Mimicking Connective Tissue Disorder—A Case Report
S. Rupashree, V. Geetha, R. Lakshmi, S.B. Sudha
Manipal, Udupi (India)
- 45.031 Recent Epidemiology of Candida Infections in Hemato-Oncology and Non-Oncology Patients—A Single Center Experience
M. Karthaus, D. Fleckenstein, H. Schaefer, K. Nibler, G. Schwarzkopf
Munich (Germany)
- 45.032 Differential Expression Study of a Potentially Novel Gene in *Candida albicans* Morphology Switching
C.S.Y. Lim, W.F. Wong, C.H. Tung, R. Rosli, H.F. Seow, P.P. Chong
Sendai (Japan), Serdang (Malaysia)
- 45.033 Prevalence of *Trichophyton rubrum* in Tehran, Isolated from Different Levels of Society and Study of Its Probable Organ Orientation
F. Asghari Paskiabi, A.A. Khaksar, S. Basiri, G. Sadeghi, A. Najafi
Tehran (Iran)
- 45.034 Molecular Differentiation and Antifungal Susceptibility of *Candida parapsilosis* Isolated from Patients with Fungemia
S.T. Tay, K.P. Ng, S.L. Na, J. Chong
Kuala Lumpur (Malaysia)
- 45.035 Epidemiological Study of Cryptococcosis in Malaysia
S.T. Tay, R. Mohd Yasin, H. Hassan, T.S. Soo Hoo
Kuala Lumpur (Malaysia)
- 45.036 Mycetoma and Its Varied Presentations—A Study of 11 Cases
S. Pai, H. Sripathi, C. Balachandran
Manipal (India)
- 45.037 Feline Sporotrichosis - Transmission to Man? A Case Report
H. Sripathi, V.M. Lonikar, R. Rao, S. Prabhu
Manipal (India)
- 45.038 Micotic Infections Etiology in the Service of Pediatrics Between 2005–2007 University Hospital Dr Angel Larralde (HUAL). Valencia, Venezuela
A. Valera, T. Vanegas, P. Magdaleno, H. Peñuela, D. Carpio, J. Iobo
Naguanagua (Venezuela)
- 45.039 Subcutaneous Phaeohyphomycotic Cyst Caused by *Pyrenochaeta romeroi*—A Case Report and Review of the Literature
J. Chander, N. Gulati, A.K. Attri, S. Chhabra, R. Chopra, H. Badali
Chandigarh (India), Utrecht (Netherlands)

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- 46.001 Influenza Polymerase Subunits Compatibility Between Human H1 and H5 Viruses
O. Li, L. Poon
Hong Kong (China)
- 46.002 A Pregnant Woman with Influenza A Encephalopathy in Whom Influenza A/Hong
Kong Virus (H3) Was Isolated from Cerebrospinal Fluid: Case Report
S. Hakoda, Y. Iwasaki, H. Shinya, S. Kiuchi
Osaka (Japan)
- 46.003 Role of the Cytokines and Chemokines in the Regulation of Innate Immunity in
Dengue Virus Infection
B. Sierra, A.B. Perez, K. Vogt, G. García, K. Schmolke, E. Aguirre, M. Alvarez, G. Kouri,
H.D.Volk, **M.G. Guzman**
Habana (Cuba), Berlin (Germany)
- 46.004 Racial Variation in the Cytokines Production During Dengue Infection
B. Sierra, A.B. Perez, G. García, K. Vogt, K. Schmolke, E. Aguirre, F. Kern, M. Alvarez,
H.D.Volk, **M.G. Guzman**
Habana, Havana (Cuba), Berlin (Germany)
- 46.005 The Effects of Multiple Passaging Regimes on West Nile Virus Genome and
Infectability
S. Chiang, **M.L. Ng**
Singapore (Singapore)
- 46.006 West Nile Virus Capsid and viral RNA interaction
Y.K. Cheong, M.L. Ng
Singapore (Singapore)
- 46.007 Identification of Critical Molecular Determinants of West Nile Virus PrM Protein:
A Potential Site for Antiviral Targeting
T. Tan, R. Bhuvanankantham, J. LI, J. Howe, **M.L. Ng**
Singapore (Singapore)
- 46.008 The Role of Dengue NS1, Through the Modulation of STAT3 Signaling, in the
Pathogenesis of Dengue Virus Infection
E.W.Y. Liu, M.L. Ng
Singapore (Singapore)
- 46.009 Interferon Regulatory Factor 2 (IRF2) Regulates Molecular Pathogenesis of
West Nile Virus (WNV) Infection in Brain Cells
K.L. Yeo, M.L. Ng
Singapore (Singapore)

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- 46.010 The Study on Relation of Human Papillomavirus High Risk Types with Bladder Transitional Cell Carcinoma
G. Eslami, M. Golshani, M. Rakhshan, F. Fallah, H. Goudarzi
Tehran (Iran)
- 46.011 Alanine-Scanning Mutagenesis for Revealing the Role of Highly Conserved Regions of Influenza A Virus Neuraminidase
C.K. Mok, G.W. Chen, S.R. Shih
Tao-Yuan (Taiwan)
- 46.012 Isolation and Identification of Influenza A Virus Strains Circulating in Malaysia, 2002–2006
S.J. Berendam, Z. Saat, M.A. Yusof, T.R. Tengku Rashid, K.A. Othman, S.K. Lau, F. Md Kassim, N.S. Khairullah
Kuala Lumpur (Malaysia)
- 46.013 Host Gene Polymorphism and Dengue Disease Susceptibility
A.B. Perez, B. Sierra, G. Garcia, R. Alegre, E. Aguirre, L. Sanchez, M. Alvarez, H.D.Volk, P. Kanki, M.G. Guzmán
Havana (Cuba), Berlin (Germany), Boston, MA (USA)
- 46.014 Molecular Epidemiology of Human Enterovirus 71 Strains Isolated in Peninsular Malaysia from Year 2000–2007 Based on the Complete VP4 Gene
M. Yusof, F. Rais, M. Akhmal, F. Kasim
Kuala Lumpur (Malaysia)
- 46.015 Pharmacological C-Abl Kinase Inhibitors as Potential Anti-Viral Molecules for Dengue Virus
J.J.H. Chu, P.L. Yang
Singapore (Singapore), Boston, MA (USA)
- 46.016 Identifying Host Factors Involved in Mediating Vascular Permeability During Dengue Virus Infection
S.P. Ong, M.L. Ng, **J.J.H. Chu**
Singapore (Singapore)
- 46.017 B- and T-cell Epitope of the Envelope Glycoprotein E of Dengue Virus Defined by Bioinformatics, ELISA and Enzyme-linked Immunospot
H. Cao, H. Zhong, W. Zhao, J. Li, L. Peng
Guangzhou (China)
- 46.018 Role of IL-10 in Dengue Infection: Pathogenic or Protective?
A.B. Perez, B. Sierra, G. Garcia, E. Aguirre, M. Alvarez, L. Sanchez, H.D.Volk, M.G. Guzman
Havana (Cuba), Berlin (Germany)

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- 46.019 Antiviral Activity of Avicennia Marina Leaf Extract on HSV-1 and Vaccine Strain of Polio Virus in Vero Cells
K. Zandi, M. Taherzadeh, S. Tajbakhsh, R. Yaghoubi, Z. Rastian, K. Sartavi Bushehr, Shiraz (Iran)
- 46.020 Th Genes and Dengue Virus Infection
J.C. Chen, M.L. NG, **J.J.H. Chu**
Singapore (Singapore)
- 46.021 T-705, A Novel Anti-Influenza Virus Compound—The Safety, Tolerability and Pharmacokinetics in Humans
O. Kobayashi, M. Noto, T. Sakurai, A. Iwamoto
Tokyo (Japan)
- 46.022 Decline of Maternal Neutralizing Antibody Against Enterovirus Type 71 (EV71) in Young Infants in Northern Taiwan
S.T. Luo, P.S. Chiang, A.S. Chao, R. Lin, T.Y. Lin, **M.S. Lee**
Lincou, Zhunan (Taiwan)
- 46.023 Community-Acquired Poliovirus Infection in Immunocompromized Children Following National Immunization Days in Tunisia
M.R. Barbouche, O. Bahri, M. Bejaoui, K. Dellagi, H. Triki
Tunisia (Tunisia)
- 46.024 Broad-Spectrum Antiviral Activity of Nucleic Acid-Based Antiviral Agents Against Avian and Seasonal Influenza Viruses
J.P. Wong, M.E. Christopher, L.Q. Sun, M. Wang, A.M. Salazar, S. Viswanathan
Ralston, Alberta, Ralston (Canada), Beijing (China), Washington D.C. (USA)
- 46.025 A Virological Study of Enterovirus Infections in Peninsular Malaysia
L. Samuel, T.S. Saraswathy, S. Zainah, Y. Mohd Apandi, M.K. Fauziah, A.R. Tengku Rogayah, R. Fazilah, A. Maizatul, K. Nor Shahidah
Kuala Lumpur (Malaysia)
- 46.026 Neurologic Manifestation of Influenza Virus Infection in Taiwan, 2002–2007
S.H. Wei, L.Y. Chang, A.S. Huang, T.F. Lee, C.W. Chang
Taipei (Taiwan)
- 46.027 Surveillance of Influenza B Virus Strains Circulating in Malaysia 2002–2006
T.R. T.Rashid, Z. Saat, M.A. Yusof, S.J. Berendam, F. Md. Kassim, K.A. Othman, S.K. Lau, N.S. Khairullah, S. Lihan
Kuala Lumpur (Malaysia)
- 46.028 Polyoma Viruses May Cause Chronic Cystitis and Respond to Intravesical Cidofovir
D.P. Eisen, L. Sung, M. Finlay, S. Bowden, H.E. O'Connell
Melbourne (Australia)

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- 46.029 Prevalence of Respiratory Viruses in Acute Respiratory Infections in Korea, 2007
H.M. Cheong, J.H. Park, M.H. Kwon, H. Jung, K.S. Kim, C. Kang
Seoul (Republic of Korea)
- 46.030 Redesignation of Enterovirus 71 Genotypes
Y.F. Chan, S. AbuBakar
Kuala Lumpur (Malaysia)
- 46.031 HPV and Cervical Cancer: Screening of Young Women for the Presence of Human Papillomavirus Infection
P. Datta, R.K. Patro, N. Bhatla, N. Singh
Delhi (India)
- 46.032 An Evaluation of the Epidemiology of Adenovirus Infections in Kenya Using a Sustained Laboratory-Based Sentinel Surveillance System
R. Achilla, W. Bulimo, D. Schnabel
Nairobi (Kenya)
- 46.033 Development of Novel Photo-inactivation Nanotechnology against Dengue Virus
Y.L. Lee, D.K. Chatterjee, Y. Zhang, M.L. Ng, J.J.H. Chu
Singapore (Singapore)
- 46.034 Susceptibility to Oseltamivir and Amantadine of Human Influenza Viruses Circulating in Portugal
V. Correia, H. Rebelo-de-Andrade, L. Santos, M. Gíria
Lisboa (Portugal)
- 46.035 Management of Dengue in Patients on Antithrombotic Therapy
H.C. Tan, N. Chlebicka, B.H. Tan, H.N. Leong
Singapore (Singapore)
- 46.036 General Practitioners and Medical Student's Knowledge and Perspectives Regarding Influenza (Treatment and Prevention)
R. Ghasemian, N. Najafi
Sari (Iran)
- 46.037 The Cause and Outcomes of Infectious Mononucleosis in Ukraine in Adults
I. Lytvynenko
Poltava (Ukraine)
- 46.038 Rna Interference Mediated Silencing of Hsp60 and 70 Genes in Human Monocytes Reveals Decreased Dengue Virus Multiplication
L. Ganju
Delhi (India)

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MALARIA

- 47.001 Malaria Treatment in African Folk Medicine: An Investigation on Medicinal Plant Products Used in Cameroon
V. PK Titanji, **D. Zofou**, M.N. Ngemenya
Buea (Cameroon)
- 47.002 Comparison of the Genetic Diversity and Natural Selection in the Apical Membrane Antigen 1 of *Plasmodium falciparum* and *P. vivax*
M.T. Alam, A. Thakur, Y.D. Sharma
New Delhi (India)
- 47.003 Point Mutations in *Pfcr* (K76I) and *Pfmdr* (N86Y) Genes of *P. falciparum* and *in vivo* Responses of Chloroquine Among Malaria Patients Sennar, Sudan
H.A. Mohamed, S.M. Sulaiman
Khartoum (Sudan)
- 47.004 Apoptosis Stalks an Exponentially Growing *Plasmodium falciparum* Culture
B. Mutai, J.N. Waitumbi
Kisumu (Kenya)
- 47.005 A Study of Atypical Manifestations of Vivax Malaria
V. Acharya, K.T. Kumar
Manipal (India)
- 47.006 Presumptive Treatment with Sulfadoxine- Pyrimethamine Versus Weekly Chloroquine for Malaria Prophylaxis in Children Attending the Sickle Cell Clinic, Mulago Hospital, Uganda: A Randomized Controlled Trial
V. Nakibuuka
kampala (Uganda)
- 47.007 Diagnosis of Malaria by Using Thick Blood Smear Test: Have Health Workers Done It Well?
F. Rakhshani, Z. Sepehri, T. Rakhshani
Tehran, Zahedan (Iran)
- 47.008 Haemoglobine S and C Protect Children Under Five 5 Years Living in the Saponé Health District (Burkina Faso) Against the Malaria Infection
E.C. Bougouma
Ouagadougou (Burkina Faso)
- 47.009 Multiplex PCR Assay for Some Malaria Vector Species in the *Myzomyia Series* from Vietnam and Southeast Asia
G.L. Ngo, V.C. Truong, T.H. Tran, D.N. Pham
Hanoi (Vietnam)

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- 47.010 Three Different Strategies to Generate *Plasmodium vivax* Specific Monoclonal Antibodies and Development of Diagnostic System
R. Berwal, V. Gupta, N. Gopalan, H.K. Prasad, S. Prakash
Gwalior, New Delhi (India)
- 47.011 A Study of Complicated Falciparum Malaria and Efficacy of Arteether in Children in Endemic Area of India
M.L. Sharma
Bikaner (India)
- 47.012 The Effect of Cyclic Adenosine Monophosphate (cAMP) Modulators on the Activity of Selected Anti-Malaria Drugs
J. Wangui, J.J.N. Ngeranwa, H. Akala, N.C. Waters
Enoggera (Australia), Kisumu, Nairobi (Kenya)
- 47.013 IgG Profile Against MSP3 Antigen in Asymptomatic Carriers of *Plasmodium falciparum* in Eastern Sudan
A. Gadalla, S. El-Zaki, N. Gadalla, I. Mukhtar, T. Ageep, F. Mansour, M. Mukhtar, B. El-Sayed
Khartoum (Sudan)
- 47.014 Determination of Parasite Clearance Time in Antimalarial Drug Trials Using Real-Time Quantitative PCR (PCR)
C.E. Oriero, D. Nwakanma, S. Sesay, D. Conway
Fajara (Gambia)
- 47.015 Peritoneal Dialysis: A Life Saving Intervention for Acute Renal Failure from Falciparum Malaria in a Secondary Care Setting
A. Singh, D. Singh, P. Singh
Tezpur (India)
- 47.016 Production and Modification of Human Monoclonal Antibody Fab Fragments to the 19-Kilodalton C-Terminal Merozoite Surface Protein 1 of *Plasmodium falciparum*
H. Tachibana, X. Cheng, Y. Tao, Y. Fu, E. Yoshihara, K. Tanabe
Shanghai (China), Isehara, Osaka (Japan)
- 47.017 A Comparison of the Chloroquine and Sulfadoxine/Pyrimethamine Molecular Resistance Marker Patterns between Coastal and Western Kenya
R. Nzunza, N.C. Waters
Brisbane (Australia), Nairobi (Kenya)
- 47.018 An Evaluation of Pfmdr1 Mutations in Chloroquine Resistance: Effect of Host Factor
C.M. Nneji
Ibadan (Nigeria)

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MALARIA

- 47.019 Using High Throughput PCR-based Parasite Quantification to Describe the Development of Immunity to Malaria Through Time
C. Obunga, J. Tuju, M.J. Mackinnon
Kilifi (Kenya)
- 47.020 An Open Label Randomized Study Comparing Arco - A New Act and Coartem in Treatment of Uncomplicated Malaria in Adults in Uganda
E.A. Mworzi, A. Maganda, V. Masembe, J. Rujumba, J.B. Rwakimaari, J. Byakika
Kampala (Uganda)
- 47.021 Imported Malaria in Kuwait (1985–2007)
J. Iqbal, P. Hira
Kuwait city (Kuwait)
- 47.022 Genetic Diversity of *Plasmodium falciparum* Field Isolates from Pakistan Using PCR Genotyping of the *Merozoite Surface Protein-1 and 2*
N.K. Ghanchi, A. Mårtensson, J. Ursing, S. Jafri, R. Hussain, M.A. Beg
Karachi (Pakistan), Stockholm (Sweden)
- 47.023 Interfering with Histamine-Mediated Signaling Results in Significant Protection Against Severe Malaria in Mice
W.H. Behdadi, B. Schneider, A. Porcherie, R. Peronet, J. Louis, S. Mecheri
Paris (France)
- 47.024 Profile of Severe Malaria at Manado General Hospital, Indonesia
A. Nugroho, P. Harijanto
Manado, North Sulawesi, Indonesia (Indonesia)
- 47.025 Prevalence of Concomitant Infections of *Plasmodium falciparum* and *Wuchereria bancrofti* in Mosquito and Human Populations in Malindi, Kenya
Z. Nganga
Nairobi (Kenya)
- 47.026 Cytokines and Clinical Manifestations of Malaria in Non-Immune Adults with Imported Disease and Children from Endemic Area
A. Wroczynska, W.L. Nahorski, A. Kuna
Gdynia (Poland)
- 47.027 Decreasing Childhood Mortality and Increasing Proportion of Malaria Deaths in Rural Burkina Faso
R.P. Ndugwa, H. Ramroth, O. Müller, Y. Yé, B. Kouyaté, A. Sié, H. Becher
Nouna, Ouagadougou (Burkina Faso), Heidelberg (Germany), Nairobi (Kenya)

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Poster Presentations

MYCOBACTERIAL DIAGNOSTICS INCLUDING DRUG-RESISTANCE

- 48.001 Evaluation T-Spot TB Test in Diagnosis Tuberculosis
M. Saalehi, M. Aminian Far, T. Naser Pour, A.A. Saeedi, M. Darvishi
Tehran, Zahedan (Iran)
- 48.002 Comparison of IFN-Gamma Assay and Tuberculin Skin Test for Detecting Latent Tuberculosis Infection in BCG-Vaccinated Population
A. Ramezani, A. Kariminia, M. Mohraz, M. Banifaz, Z. Sharifnia, A. Eslamifar, M. Hazrati, A. Aghakhani
Tehran (Iran)
- 48.003 Real-Time PCR for the Detection of Fluoroquinolone Resistance in *Mycobacterium Tuberculosis*
D. Duy An, R. van Doorn, N.T.N. Lan, D.V. Hoa, D.D.A. Thu, T.T.H. Chau, N.V.V. Chau, N.T. Chinh, J.J. Farrar, M. Caws
Ho Chi MinhCity (Vietnam)
- 48.004 Differential B-Cell responses are induced by *Mycobacterium tuberculosis* Ag85A synthetic peptides in two populations from Venezuela
C. Fernández de Larrea, F. Giampietro, J. Dinis, M.A. Patarroyo, M. Vanegas, C. Reyes, Z. Araujo
Bogotá (Colombia), Caracas (Venezuela)
- 48.005 Characterization of rpo B Gene for Detection of Rifampicin Drug Resistance by SSCP and Sequence Analysis
S.S. Negi, A. Rai, S. Gupta, S. Khare, S. Lal
Delhi (India)
- 48.006 Mutations in the rpoB Gene of Rifampicin - Resistant *Mycobacterium tuberculosis* Isolates from Poland
J. Paluch-Oles, **M. Koziol-Montewka**, A. Magrys
Lublin (Poland)
- 48.007 Comparison of 5% Sodium Hypochlorite and Phenol Ammonium Sulphate Concentration Techniques in Tuberculosis Diagnosis
P. Nziramasanga
Harare (Zimbabwe)
- 48.008 MAS-PCR: A Quick Cheap Detection Test for Isoniazid Resistance in *Mycobacterium tuberculosis*
D.Q. Tho, D.M. Ha, P.M. Duy, N.T.N. Lan, D.V. Hoa, N.V.V. Chau, J.J. Farrar, M. Caws
Ho Chi Minh City (Vietnam)

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MYCOBACTERIAL DIAGNOSTICS INCLUDING DRUG-RESISTANCE

- 48.009 Usefulness of Gamma-Interferon Determination in Blood and Cerebrospinal Fluid for the Diagnosis of Tuberculous Meningitis
C.M. Luca, A. Vata, C.M. Petrovici, C. Dorobat, E. Nastase, A. Luca, M. Hurmuzache, V. Luca
Iasi (Romania)
- 48.010 Routine Diagnosis of Tuberculous Meningitis with MODS Assay
Q.N. Nguyen, M.H. Dang, A.T. Do, M. Caws, E. Torok, J. Campbell, H.C. Tran, V.C. Nguyen, T.C. Nguyen, J. Farrar
Ho Chi Minh City (Vietnam)
- 48.011 Role of Excretory Urography in Urinary Tuberculosis
K. Prakashini, V.R.K. Rao
Manipal (India)
- 48.012 Direct Detection of *Mycobacterium tuberculosis* Complex and Four Clinically Relevant Mycobacterial Species with Geno Type Mycobacteria Direct Test
R. Kesli, T.T. Bekci, E. Kurtipek, M.G. Kurtoglu
Konya (Turkey)
- 48.013 Tuberculous Lymphadenitis: Mantoux Test and Cytokines Profile as Marker of Disease and Healing
A. Elnour
Khartoum (Sudan)
- 48.014 Widespread Dissemination of Class 1 Integrins Associated with Multidrug-Resistant (MDR) *Acinetobacter* Clones in Taiwan
L.Y. Huang, T.L. Chen, P.L. Lu, C.A. Tsai, W.L. Cho, F.Y. Chang, C.P. Fung, **L.K. Siu**
Kaohsiung, Taichung, Taipei, Zhunan Town (Taiwan)
- 48.015 Diagnostic Challenges in Pulmonary Tuberculosis (PTB) at an Urban Primary Healthcare Facility in Durban, South Africa
R. Perumal, E. Stiefvater, N. Padayatchi, K. Naidoo
Durban (South Africa)
- 48.016 Fine-Needle Aspiration Biopsy (FNAB) for the Diagnosis of Tuberculous Lymphadenitis in HIV-Infected Patients
A. Ferreira, S. Rocha-Silva, C. Piñeiro, S. Xerinda, A. Prisca, R. Serrão, R. Marques, A. Sarmento
Porto (Portugal)

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- 48.017 Molecular Identification of Nontuberculous Mycobacteria from Clinical Sources by *hsp65* PRA and Sequence Analysis
C.S. Ong, Y.F. Ngeow, S.F. Yap, S.T. Tay
Kuala Lumpur, Melaka, Selangor (Malaysia)
- 48.018 Accuracy of QuantiFERON-TB Gold Test Vs Tuberculin Skin Test to Detect Latent Tuberculosis Infection in HIV Positive Individuals in Iran
M. Mardani, P. Tabarsi, F. Hadavand, M. Taheri, E. Chitsaz, L. Gachkar, M.R. Masjedi
Tehran (Iran)
- 48.019 Evaluate the Performance of Resazurin Microtiter Assay (REMA) Method to Detect the Mycobacterium tuberculosis Drug Resistance
J.C. Uwayo, A. Umubyeyi
Butare, Kigali (Rwanda)
- 48.020 Comparison of QuantiFERON-TB Gold In-Tube to Tuberculin Skin Test for the Diagnosis of Active Tuberculosis (TB) in India—Preliminary Analysis
J.S. Michael, P. Daley, L. Armstrong, S. Kalaiselvan, P. Chordia, L.M. Asha, D. Mathai, K.R. John, M. Pai
Montreal (Canada), Vellore (India)
- 48.021 Prospective Evaluation of Microscopic Observation drug-susceptibility (MODS) assay for the Diagnosis of Active Tuberculosis (TB) in India—Preliminary Analysis
J.S. Michael, P. Daley, L. Armstrong, S. Kalaiselvan, P. Chordia, E. Shalini, D. Mathai, K.R. John, M. Pai
Montreal (Canada), Vellore (India)

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EMERGING INFECTIONS

- 49.001 Trend of Crimean–Congo Hemorrhagic Fever (CCHF) in Iran in Recent Years
S. Chinikar, S.M. Ghiasi, R. Mirahmadi, M.M. Goya, M. Moradi, N. Afzali, M. Zeinali, H. Feldmann, M. Bouloy
Winnipeg (Canada), Paris (France), Tehran (Iran)
- 49.002 Usefulness of NS1 Gene in Molecular Subtyping of Recent Indian Isolates of Dengue Virus Type 3 (DENV-3)
H. Kukreti, V. Mittal, R. Rautela, M. Chhabra, A. Chaudhary, M. Bharadwaj, D. Rawat, S. Lal, A. Rai
Delhi (India)
- 49.003 Re-emerging of Coxsackievirus A24v in the Recent Outbreak of Acute Hemorrhagic Conjunctivitis in Taiwan, 2007
C.F. Yang, T.L. Lin, J.W. Huang, C.C. Hsu, Y.C. Lin, L. Lee, J.Y. Yang, H.S. Wu
Taipei (Taiwan)
- 49.004 Is Arcobacter a Food Related Pathogen Causing an Emerging Disease?
H. Ho, **L.J.A. Lipman**, W. Gastra
Utrecht (Netherlands), Ho Chi Minh City (Vietnam)
- 49.005 The Study of C.botulinum Toxin in Some of Traditional Food Product (Cheese, Kushk, and Salted Fish)in Iran by Bioassay Technique
H.R. Tavakoli, M. Aghazadeh Meshghi, S. Mahfoozian
Tehran, AK, Tehran (Iran)
- 49.006 First Sapovirus Outbreak of Gastroenteritis in Taiwan
F.T. Wu, D.C.F. Yang, J.Y. Yang, H.S. Wu
Taipei (Taiwan)
- 49.007 Cholera Outbreaks in India Due to Hybrid Vibrios
N. Taneja, A. Mishra, G. Sangar, G. Singh, M. Sharma
Chandigarh (India)
- 49.008 IgG Subclass and the FcG Receptor Iia Polymorphism Associate to Dengue Fever, Dengue Hemorrhagic Fever and Asymptomatic Dengue Infection in Cuba
G. García, A.B. Pérez, B. Sierra, E. Aguirre, A. Izquierdo, L. Sanchez, I. Rosado, S. Borroto, K. Hirayama, M.G. Guzmán
Havana (Cuba), Nagasaki (Japan)
- 49.009 Higher Frequency of Detection of the New Human Polyomavirus, WU But not KI in HIV Exposed South African Children with Acute Lower Respiratory Tract Infections
M. Venter, A. Visser, R. van den Bergh
Pretoria (South Africa)

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- 49.010 The First Randomized, Controlled Clinical Trial of Mask Use in Households to Prevent Respiratory Virus Transmission
C.R. MacIntyre, D. Dwyer, H. Seale, M. Fasher, R. Booy, P. Cheung, N. Ovdin, G. Browne
Sydney (Australia)
- 49.011 Clinical Complications of Chikungunya in Mauritius
A.B. Ghamy, **S.S.D. Goorah**, B.S. Caussy, J. Cheeneebash, S.K. Ramchurn Candos, Reduit (Mauritius)
- 49.012 Dengue Virus Infection in the Western Region of Saudi Arabia
A. Zailayee, **A. Ismaeel**, A. Almahmeed, E. Azhar
Manama (Bahrain), Jeddah (Saudi Arabia)
- 49.013 Chikungunya Outbreak, Pregnancy Outcome and Perinatal Mortality: Observational Study About 40,000 Pregnancies and Deliveries on Réunion Island During 2004-2006
X. Fritel, C. Catteau, F. Calliez, A. Brodel, J.Y. Vaillant, H. Ansquin
Saint-Denis (France)
- 49.014 First Report of Human Infection Due to *Erwinia tasmaniensis*-Like Organism
S.Y. Shin, J.H. Song, K.S. Ko
Jeju, Seoul, Suwon (Republic of Korea)
- 49.015 Epidemiology of 1918 Spanish Influenza Pandemic in Taiwan: Investigations Based on Historical Demographic Records
F. Tseng, K. Ting, J. Wang, W. Chang, Y. Chang, I. Su
Tainan, Yunlin (Taiwan)
- 49.016 A Mathematical Model to Determine Optimal Dosing and Dynamic Distribution of Pandemic Influenza Vaccines
J.G. Wood, J. McCaw, N. Becker, T. Nolan, C.R. MacIntyre
Canberra, Melbourne, Sydney (Australia)
- 49.017 Characterization of a Sylvatic DENV2 Isolated from a DHF Case
P.H. Tio, M.H. Ooi, D. Perera, M.J. Cardoso
Kota Samarahan (Malaysia)
- 49.018 Analysis of Chikungunya Genome Sequences from Bagan Panchor, Malaysia
S.Y. Chan, Y.F. Chan, I.C. Sam, S. AbuBakar
Kuala Lumpur (Malaysia)
- 49.019 The Transmission Cycles of West Nile Virus in Romania and the Detection of Virus Presence
V. Purcarea-Valeria, A. Alexse, L. Prioteasa, E. Falcuta, A. Vladimirescu, E.C. Coipan, D. Popescu, G. Dumitrescu, G. Nicolescu
Bucharest (Romania)

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EMERGING INFECTIONS

- 49.020 Proteases of *Blastocystis hominis* in Mexican Children
R. Bernal-Redondo, L. Alvarado, B. Suarez
Mexico D.F. (Mexico)
- 49.021 Clinical and Serological Evidence of Lassa Fever in Edo State, Nigeria
D.U. Ehichioya, S. Omilabu, D.A. Asogun, M. Hass, S. Gunther
Hamburg (Germany), Edo, Lagos (Nigeria)
- 49.022 A Rubber-Degrading Organism Growing from a Human Body
M. Gupta, **D. Alcid**
New Brunswick, NJ (USA)
- 49.023 Spatio-Temporal and Molecular Analyses of a DENV3 Outbreak Show the Dynamics of Dengue Infection (Viral Spread)
M.L. Nogueira, A. Mondini, R.V.M. Bronzoni, W.J. Alonso, E. Massad, E. Lazaro, P. Zanotto, F. Chiaravallotti-Neto
Sao Paulo, SJ Rio Preto (Brazil), Bethesda, MD (USA)
- 49.024 Synchronous Seasonal Activity of *Ixodes ricinus* Immature Stages in Brateiu, Sibiu County, Romania - Implications for TBE Outbreaks
A.F. Vladimirescu, E.C. Coipan
Bucharest (Romania)
- 49.025 Seropositivity Among Human Subjects for Both TBEV and *Borrelia burgdorferi s.l.* During a TBE Outbreak in Sibiu County, Romania
E.C. Coipan, A. Alexse, A.F. Vladimirescu, G. Nicolescu
Bucharest (Romania)
- 49.026 Boutonneuse Fever Issues in Constanta County
S. Rugina, I.M. Dumitru, E. Dumea
Constanta (Romania)
- 49.027 Outbreak of Leptospirosis in Children After Tropical Storm in the Dominican Republic
C.S. Mota, J. Fernandez, G. Guzman, C. Peña, V. Gomez, H. Coradin, J. Sanchez, J. Feris
Santo Domingo (Dominican Republic)

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

FRIDAY, 20 JUNE 2008
12:30 – 14:15
KUALA LUMPUR
CONVENTION CENTRE
BANQUET HALL
KUALA LUMPUR, MALAYSIA

CHAIR

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

FACULTY PRESENTERS

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

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

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

PROGRAM OVERVIEW

Streptococcus pneumoniae is a major cause of community-acquired pneumonia, invasive pneumococcal disease, and acute otitis media.¹ Antibiotic availability and overprescribing have been accompanied by the appearance and dissemination of multidrug-resistant strains of this organism.² Since its introduction, pneumococcal conjugate vaccine 7 (PCV7) has significantly reduced pneumococcal disease due to both susceptible and resistant vaccine serotypes in vaccinees and their contacts (indirect effect).³ As would be anticipated, efficacy of PCV7 has resulted in replacement of vaccine types by non vaccine serotypes.⁴ Experts at the World Health Organization believe that we are closer to another influenza pandemic than at any time since 1968.⁵ PCV7 has the potential to reduce morbidity and mortality from pneumococcal pneumonia due to vaccine types.⁶ Consequently, several countries have adopted a strategy for inter-pandemic PCV7 vaccination. Investigative vaccines are anticipated to provide additional serotype coverage for both antibiotic-susceptible and antibiotic-resistant pneumococcal diseases.⁷

TARGET AUDIENCE

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

LEARNING OBJECTIVES

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

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

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AGENDA

12:30 – 12:35	Meeting Overview and Objectives Professor Ron Dagan
12:35 – 12:50	Impact of PCV7 on Infections Caused by Antibiotic-resistant <i>Streptococcus pneumoniae</i> Professor Ron Dagan
12:50 – 13:05	Antibiotic Resistance Professor Jae-Hoon Song
13:05 – 13:20	Is There Still a Need for the Prudent Use of Antibiotics in the PCV Era? Professor Ron Dagan
13:20 – 13:35	Influenza and Pneumococcal Pneumonia Keith P. Klugman, MD, PhD
13:35 – 13:50	The Future of Pneumococcal Disease Prevention Bernard Fritzell, MD
13:50 – 14:15	Question-and-Answer Session Faculty Panel

Important Safety Information

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

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Session 50

Ballroom (Exhibition Area ~ Level 3)
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Saturday, June 21, 2008
12:30–13:30

Poster Presentations

MYCOBACTERIAL EPIDEMIOLOGY INCLUDING DRUG-RESISTANCE

- 50.001 Multiple Nucleotide Change in the *rpoB* gene of *Mycobacterium tuberculosis* Isolates Correlate with High-level of Resistance to Rifampicin in Belarusian Patients with Active Pulmonary
S. Zakerbostanabad, E. Sagalchyk, L.P. Titov
Minsk (Belarus), Tehran (Iran)
- 50.002 Molecular Investigation of Recurrent Tuberculosis in Rwanda: Reactivation versus Reinfection
A.N. Umubyeyi, F. Portaels, I.C. Shamputa, M. Struelens
Antwerp, Brussels (Belgium), Kigali (Rwanda), Ndola (Zambia)
- 50.003 Analysis Interconnection Evolution by *rpoB* Genome in Multidrug Resistance of *Mycobacterium tuberculosis* in Iranian Isolates
S. Zakerbostanabad, F. Abdolrahimi, A. Nour Nematollahi, M. Ghazanfari, L.P. Titov
Minsk (Belarus), Tehran (Iran)
- 50.004 Distribution of Pulmonary Tuberculosis and TB Drug Resistance in a Hospital Setting in Papua New Guinea
L. Luke, S. Phuanukoonnon, D. Suarkia, H. Pangoa, C. Gilpin, C. Coulter, J. McCarthy, J. Usurup, P. Siba
Queensland (Australia), Goroka, Madang Province, Madang (Papua New Guinea)
- 50.005 The 60 Years Battle Against Tuberculosis in Hong Kong—A Review of the Past and a Projection Into the 21st Century
S.H. Lee
Hong Kong (China)
- 50.006 Anti-Tuberculous Drug Resistance of *Mycobacterium tuberculosis* Strains Isolated from Van Region
H. Bozkurt, R.B. Nalcacioglu, M.G. Kurtoglu, **R. Kesli**, M. Berktas
Erzurum, Van (Turkey)
- 50.007 Study of Mutations Associated With Isoniazid Resistance in Clinical *Mycobacterium tuberculosis* Strains From Tehran and Isfahan Province Tuberculosis Centers by PCR and RFLP(1383-4)
A. Tavakoli Dastjerdi, P. Mohajeri
Isfahan (Iran)
- 50.008 Prevalence of Tuberculosis Infection Among Health-Care Workers in Hamedan, West of Iran
S.H. Hashemi, M. Mamani, S. Jamal-Omidi, N. Alizadeh, M. Nazari
Hamedan (Iran)

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- 50.009 Targeted Active Case Finding in Household Contacts of Smear Positive Tuberculosis Patients in a High Incidence Urban Setting
B. Mutayoba, S. Mfinanga, O. Morkve
Bergen (Norway), Dar es Salaam (Tanzania)
- 50.010 Pulmonary Tuberculosis Among Tribal Population of Jhabua, Madhya Pradesh, India
J. Bhat, V.G. Rao, R. Yadav, V. Gadge, G.P. Shukla, B.K. Tiwari, M. Ukey, S. Rao, C. Karforma
Jabalpur (India)
- 50.011 Genetic Polymorphism Among Clinical Isolates of *Mycobacterium tuberculosis* from Patients with Pulmonary Tuberculosis in the Northern Region of India
S. Kumar, M. Sharma, **S. Sethi**, S.K. Meharwal, V.M. katoch, S.K. Jindal, R. Tiwari
Agra, Chandigarh (India)
- 50.012 Paediatric Tuberculosis in a Teaching Hospital: A 5 Year Review
S.H. Hawa, Z.D. Zakuan, S.M.N. Suraiya
Kota Bharu (Malaysia)
- 50.013 Beijing Genotype of *Mycobacterium tuberculosis* is Significantly Associated with High-Level Fluoroquinolone Resistance in Vietnam
M. Caws, D.D. An, N.T. Hong Duyen, N.T.N. Lan, D.V. Hoa, V.S. Kiet, D.A. Thu, N.V.V. Chau, J.J. Farrar
Ho Chi Minh City (Vietnam)
- 50.014 Investigating TB Clusters in High-Density Institutes and Health Care Settings
P.C. Chan, C.F. Feng, H.C. Lin, M.N. Hung, Y.C. Lei, H.W. Yang, W.J. Su, **S.H. Wei**, C.H. Yang
Taipei (Taiwan)
- 50.015 The Demographic and Clinical Characteristics of Multidrug-Resistant Tuberculosis Patients in Taiwan
C.H. Lin, S.E. Huang, P.C. Chan, S.H. Huang, **Y.N. Chao**
Taipei (Taiwan)
- 50.016 Prevalence of Different Phylogenetic Clades of *Mycobacterium tuberculosis* in Urban and Rural Areas Bangladesh
Z. Rahim, D. Storla, M. Shahzada Khan, T. Mannsäker, B. Myrvang, G. Bjune, U.R. Dahle, C. Sola, D. van Soolingen, Y. Suzuki, Adri G.M. van der Zanden
Dhaka (Bangladesh), Orsay (France), Sapporo (Japan), Bilthoven, Enschede (Netherlands), Oslo, Ulleväl (Norway)
- 50.017 Risk Assessment of Tuberculosis Prevalence in Sahiwal District of Punjab, Pakistan
M.A. Khan, S. Nazir, T. Ijaz, M. Imran, A. Hanif, M.K. Shahzad
Lahore, lahore, Sahiwal (Pakistan)

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Poster Presentations

MYCOBACTERIAL EPIDEMIOLOGY INCLUDING DRUG-RESISTANCE

- 50.018 First Insight Into *Mycobacterium tuberculosis* Biodiversity in Sri Lanka: Evidence for Predominance of Beijing Genotype and Ancestral Lineages Among Clinical Isolates
U.S. Rajapaksa, A.J. Perera, T.C. Victor, S.M.P. Senevirathne, T. Zozio, N. Rastogi
Guadeloupe (Guadeloupe), Cape Town (South Africa), Colombo (Sri Lanka)
- 50.019 The Development of Tuberculosis and HIV Collaboration Model in Lower North of Thailand
N. Pimnumyen
Phitsanulok (Thailand)
- 50.020 Impact of Education and Income on Pulmonary Tuberculosis (PTB) Among Adult Tea Garden Workers of Assam
G.K. Medhi, J. Mahanta
Dibrugarh (India)
- 50.021 One Member of Beijing Genotype Associated with Multidrug Resistance and Increased Transmissibility in Rural Chinese Populations
Y. Hu, X. Ma, E.A. Graviss, W.B. Wang, W.L. Jiang, B. Xu
Shanghai (China), Houston, TX (USA)
- 50.022 An Epidemiological Study of Tuberculosis among Health Care Workers in Taiwan
Y.M. Chang, S.C. Chang, M.L. Liu, Y.J. Hu, C.H. Chiu, S.Y. Yang, **Y.N. Chao**
Taipei (Taiwan)
- 50.023 Clinical Presentation and Mortality of *Mycobacterium avium* Complex Disease in a Public Sector Hospital, South Africa
M. Maskew, M. John, C. Menezes, S. Modi, B. Malope, P. MacPhail, I. Sanne
Johannesburg (South Africa)
- 50.024 Description of the Diversity and Historic Origin of *Mycobacterium tuberculosis* Strains Collected from the Free State, South Africa
P. Makhoahle, **A. Van der Spoel van Dijk**
Bloemfontein (South Africa)
- 50.025 Sudden Increase in Multidrug Resistant *Mycobacterium tuberculosis* Strains Investigated in Southeastern Free State, South Africa
A. van der Spoel van Dijk, P. Makhoahle, K. le Roux
Bloemfontein (South Africa)
- 50.026 Pilot Study on the Prevalence of Drug Resistance in *Mycobacterium tuberculosis* in Mogadishu
A. Guled, S.M. Granat, A.A. Palmu
Tampere (Finland)