

JOURNAL OF CLINICAL MICROBIOLOGY
VOL. 37, NO. 7; JULY 1999

MINIREVIEWS	
Molecular Diagnosis of Herpes Simplex Virus Infections in the Central Nervous System Yi-Wei Tang, P. Shawn Mitchell, Mark J. Espy, Thomas F. Smith, and David H. Persing	2127-2136
BACTERIOLOGY	
<i>Borrelia burgdorferi</i> in Tick Cell Culture Modulates Expression of Outer Surface Proteins A and C in Response to Temperature Marygorret Obonyo, Ulrike G. Munderloh, Volker Fingerle, Bettina Wilske, and Timothy J. Kurtti	2137-2141
Subtyping of <i>Haemophilus influenzae</i> Strains by Pulsed-Field Gel Electrophoresis Mitsumasa Saito, Akiko Umeda, and Shin-ichi Yoshida	2142-2147
Proficiency of Clinical Laboratories in Spain in Detecting Vancomycin-Resistant <i>Enterococcus</i> spp. Juan Alonso-Echanove, Belen Robles, William R. Jarvis, and The Spanish VRE Study Group	2148-2152
Identification of <i>Burkholderia</i> spp. in the Clinical Microbiology Laboratory: Comparison of Conventional and Molecular Methods Cindy van Pelt, Cees M. Verduin, Wil H. F. Goessens, Margreet C. Vos, Burkhard Tümmler, Christine Segonds, Frans Reubsæet, Henri Verbrugh, and Alex van Belkum	2158-2164
Most <i>Enterobacter aerogenes</i> Strains in France Belong to a Prevalent Clone Claude Bosi, Anne Davin-Regli, Charleric Bornet, Monique Mallea, Jean-Marie Pages, and Claude Bollet	2165-2169
Evaluation of the Discriminatory Power of Typing Methods for <i>Neisseria gonorrhoeae</i> M. Van Looveren, C. A. Ison, M. Ieven, P. Vandamme, I. M. Martin, K. Vermeulen, A. Renton, and H. Goossens	2183-2188
Multiple Types of <i>Legionella pneumophila</i> Serogroup 6 in a Hospital Heated-Water System Associated with Sporadic Infections Paolo Visca, Paola Goldoni, P. Christian Lück, Jürgen H. Helbig, Lorena Cattani, Giuseppe Giltri, Simone Bramati, and Maddalena Castellani Pastoris	2189-2196
Differentiation of <i>Burkholderia</i> Species by PCR-Restriction Fragment Length Polymorphism Analysis of the 16S rRNA Gene and Application to Cystic Fibrosis Isolates Christine Segonds, Thierry Heulin, Nicole Marty, and Gerard Chabanon	2201-2208
Molecular Subtyping of <i>Clostridium perfringens</i> by Pulsed-Field Gel Electrophoresis To Facilitate Food-Borne-Disease Outbreak Investigations Susan E. Maslanka, Jared G. Kerr, Glen Williams, James M. Barbaree, Loretta A. Carson, J. Michael Miller, and Bala Swaminathan	2209-2214

Detection and Identification of Ehrlichia, Borrelia burgdorferi Sensu Lato, and Bartonella Species in Dutch Ixodes ricinus Ticks Leo M. Schouls, Ingrid Van De Pol, Sjoerd G. T. Rijpkema, and Corrie S. Schot	2215-2222
Comparison of the PACE 2 Assay, Two Amplification Assays, and Clearview EIA for Detection of Chlamydia trachomatis in Female Endocervical and Urine Specimens Tsai-Ling Lauderdale, Lenore Landers, Ian Thorneycroft, and Kimberle Chapin	2223-2229
Detection of Helicobacter pylori DNA in Fecal Samples from Infected Individuals William A. Gramley, Ali Asghar, Henry F. Frierson Jr., and Steven M. Powell	2236-2240
Validity of Interpretation Criteria for Standardized Western Blots (Immunoblots) for Serodiagnosis of Lyme Borreliosis Based on Sera Collected throughout Europe Ulrike Hauser, Gisela Lehnert, and Bettina Wilske	2241-2247
Usefulness of Fatty Acid Composition for Differentiation of Legionella Species Alexandra Diogo, António Veríssimo, M. Fernanda Nobre, and Milton S. da Costa	2248-2254
Relationship between Helicobacter pylori iceA, cagA, and vacA Status and Clinical Outcome: Studies in Four Different Countries Yoshio Yamaoka, Tadashi Kodama, Oscar Gutierrez, Jong G. Kim, Kei Kashima, and David Y. Graham	2274-2279
Distinct Variants of Helicobacter pylori cagA Are Associated with vacA Subtypes Leen-Jan van Doorn, Céu Figueiredo, Ricardo Sanna, Martin J. Blaser, and Wim G. V. Quint	2306-2311
Evaluation of Statens Serum Institut Enteric Medium for Detection of Enteric Pathogens Marianne Blom, Aase Meyer, Peter Gerner-Smidt, Knud Gaarslev, and Frank Espersen	2312-2316
Dissemination of a Chloramphenicol- and Tetracycline-Resistant but Penicillin-Susceptible Invasive Clone of Serotype 5 Streptococcus pneumoniae in Colombia Mónica Tamayo, Raquel Sá-Leão, Ilda Santos Sanches, Elizabeth Castañeda, and Hermínia de Lencastre	2337-2342
Analysis of vacA, cagA, and IS605 Genotypes and Those Determined by PCR Amplification of DNA between Repetitive Sequences of Helicobacter pylori Strains Isolated from Patients with Nonulcer Dyspepsia or Mucosa-Associated Lymphoid Tissue Lymphoma Nathalie E. M. van Doorn, Ferry Namavar, Leen-Jan van Doorn, Zarmina Durrani, Ernst J. Kuipers, and Christina M. J. E. Vandenbroucke-Grauls	2348-2349

An Untypeable <i>Shigella flexneri</i> Strain Associated with an Outbreak in California Rosalie T. Trevejo, Sharon L. Abbott, Mitchell I. Wolfe, Jerry Meshulam, David Yong, and George R. Flores	2352-2353
Evaluation of the AnaeroPack Campylo System for Growth of Microaerophilic Bacteria Kenneth Van Horn and Clara Tóth	2376-2377
MYCOBACTERIOLOGY AND AEROBIC ACTINOMYCETES	
Improved Methods for Immunoassay of Mycothiol Mia D. Unson, Gerald L. Newton, Karen F. Arnold, Charles E. Davis, and Robert C. Fahey	2153-2157
Development of Amplified 16S Ribosomal DNA Restriction Analysis for Identification of Actinomyces Species and Comparison with Pyrolysis-Mass Spectrometry and Conventional Biochemical Tests Val Hall, G. L. O'Neill, J. T. Magee, and B. I. Duerden	2255-2261
<i>Nocardia</i> Thyroiditis: Unusual Location of Infection Christian Carriere, Helene Marchandin, Jean Michel Andrieu, Anne Vandome, and Colette Perez	2323-2325
Amplification of a 500-Base-Pair Fragment from Cultured Isolates of <i>Mycobacterium bovis</i> Juan Germán Rodríguez, Juan Carlos Fissanoti, Patricia Del Portillo, Manuel Elkin Patarroyo, María Isabel Romano, and Angel Cataldi	2330-2332
Inactivation of <i>Mycobacterium tuberculosis</i> for DNA Typing Analysis P. Bemer-Melchior and H. B. Drugeon	2350-2351
MYCOLOGY	
Fluconazole Susceptibilities of Bloodstream <i>Candida</i> sp. Isolates as Determined by National Committee for Clinical Laboratory Standards Method M27-A and Two Other Methods Emilia Cantón, Javier Pemán, Alfonso Carrillo-Muñoz, Ana Orero, Pedro Ubeda, Angel Viudes, and Miguel Gobernado	2197-2200
Evaluation of Mycology Laboratory Proficiency Testing Andrew A. Reilly, Ira F. Salkin, Michael R. McGinnis, Sally Gromadzki, Lester Pasarell, Maggi Kemna, Nancy Higgins, and Max Salfinger	2297-2305
In Vitro Amphotericin B Resistance in Clinical Isolates of <i>Aspergillus terreus</i> , with a Head-to-Head Comparison to Voriconazole Deanna A. Sutton, Stephen E. Sanche, Sanjay G. Revankar, Annette W. Fothergill, and Michael G. Rinaldi	2343-2345
PARASITOLOGY	
Detection by an Immunofluorescence Test of <i>Encephalitozoon intestinalis</i> Spores in Routinely Formalin-Fixed Stool Samples Stored at Room Temperature H. Moura, F. C. Sodre, F. J. Bornay-Llinares, G. J. Leitch, T. Navin, S. Wahlquist, R. Bryan, I. Meseguer, and G. S. Visvesvara	2317-2322
Delayed versus Immediate Bedside Inoculation of Culture Media for Diagnosis of Vaginal Trichomonosis Jane R. Schwebke, Moira F. Venglarik, and Shellie C. Morgan	2369-2370

VIROLOGY	
Detection of Human Papillomavirus Types 6 and 11 in Pubic and Perianal Hair from Patients with Genital Warts Ingeborg L. A. Boxman, Arjan Hogewoning, Linda H. C. Mulder, Jan Nico Bouwes Bavinck, and Jan ter Schegget	2270-2273
Worldwide Evaluation of DNA Sequencing Approaches for Identification of Drug Resistance Mutations in the Human Immunodeficiency Virus Type 1 Reverse Transcriptase Rob Schuurman, Lisa Demeter, Patricia Reichelderfer, Jolanda Tijnagel, Tom de Groot, and Charles Boucher	2291-2296
Prenatal Diagnosis of Parvovirus B19-Induced Hydrops Fetalis by Chemiluminescence In Situ Hybridization M. Musiani, P. Pasini, M. Zerbini, G. Gentilomi, A. Roda, G. Gallinella, E. Manaresi, and S. Venturoli	2326-2329
Molecular Evidence of Mother-to-Infant Transmission of Hepatitis G Virus among Women without Known Risk Factors for Parenteral Infections Clara Menéndez, José-María Sánchez-Tapias, Pedro-Luis Alonso, Mireia Giménez-Barcons, Elizeus Kahigwa, John-Jairo Aponte, Hassan Mshinda, Margarita-María Navia, María-Teresa Jiménez de Anta, Juan Rodés, and Juan-Carlos Saiz	2333-2336
Rapid Detection of Respiratory Viruses by Shell Vial Assay Using Simultaneous Culture of HEp-2, LLC-MK2, and MDCK Cells in a Single Vial José M. Navarro-Marí, Sara Sanbonmatsu-Gámez, Mercedes Pérez-Ruiz, and Manuel De La Rosa-Fraile	2346-2347
Level of Human Immunodeficiency Virus DNA in Peripheral Blood Mononuclear Cells Correlates with Efficacy of Antiretroviral Therapy Jennifer L. McDermott, Adriana A. Giri, Isabella Martini, Maria Bono, Mauro Giacomini, Antonio Campelli, Luigi Tagliaferro, Andrea Cara, and Oliviero E. Varnier	2361-2365
Evaluation of an Epstein-Barr Virus (EBV) Immunoglobulin M Enzyme-Linked Immunosorbent Assay Using a Synthetic Convergent Peptide Library, or Mixotope, for Diagnosis of Primary EBV Infection D. Tranchand-Bunel, H. Gras-Masse, B. Bourez, L. Dedecker, and C. Auriault	2366-2368
Distribution of Human Rotavirus G Types Circulating in Paris, France, during the 1997-1998 Epidemic: High Prevalence of Type G4 Elyanne Gault, Roxane Chikhi-Brachet, Sandrine Delon, Nathalie Schnepf, Laurence Albiges, Emmanuel Grimprel, Jean-Philippe Girardet, Pierre Begue, and Antoine Garbarg-Chenon	2373-2375
CLINICAL VETERINARY MICROBIOLOGY	
Upper Respiratory Tract Disease in the Gopher Tortoise Is Caused by Mycoplasma agassizii M. B. Brown, G. S. McLaughlin, P. A. Klein, B. C. Crenshaw, I. M. Schumacher, D. R. Brown, and E. R. Jacobson	2262-2269

Detection of Equine Antibodies to <i>Babesia caballi</i> by Recombinant B. caballi Rhostry-Associated Protein 1 in a Competitive-Inhibition Enzyme-Linked Immunosorbent Assay Lowell S. Kappmeyer, Lance E. Perryman, Stephen A. Hines, Timothy V. Baszler, Jonathan B. Katz, Steven G. Hennager, and Donald P. Knowles	2285-2290
<i>Chlamydia pneumoniae</i> in a Free-Ranging Giant Barred Frog (<i>Mixophyes iteratus</i>) from Australia Lee Berger, Kym Volp, Sarah Mathews, Rick Speare, and Peter Timms	2378-2380
EPIDEMIOLOGY	
Epidemiological Study of an <i>Acinetobacter baumannii</i> Outbreak by Using a Combination of Antibiotyping and Ribotyping M. Biendo, G. Laurans, J. F. Lefebvre, F. Daoudi, and F. Eb	2170-2175
<i>Salmonella</i> Enteritidis Phage Types 1 and 4: Pheno- and Genotypic Epidemiology of Recent Outbreaks in Finland Susanna Lukinmaa, Raili Schildt, Teemu Rinttilä, and Anja Siitonen	2176-2182
Molecular and Epidemiological Characterization of Vaginal <i>Saccharomyces cerevisiae</i> Isolates Brunella Posteraro, Maurizio Sanguinetti, Giuseppina D'Amore, Luca Masucci, Giulia Morace, and Giovanni Fadda	2230-2235
Nosocomial Pseudoepidemic Caused by <i>Bacillus cereus</i> Traced to Contaminated Ethyl Alcohol from a Liquor Factory Po-Ren Hsueh, Lee-Jene Teng, Pan-Chyr Yang, Hui-Lu Pan, Shen-Wu Ho, and Kwen-Tay Luh	2280-2284
Clonal Diversity among Recently Emerged Strains of <i>Vibrio parahaemolyticus</i> O3:K6 Associated With Pandemic Spread Prasanta K. Bag, Suvobroto Nandi, Rupak K. Bhadra, T. Ramamurthy, S. K. Bhattacharya, M. Nishibuchi, T. Hamabata, Shinji Yamasaki, Yoshifumi Takeda, and G. Balakrish Nair	2354-2357
Molecular Epidemiology of an Outbreak of Febrile Gastroenteritis Caused by <i>Listeria monocytogenes</i> in Cold-Smoked Rainbow Trout M. K. Miettinen, A. Siitonen, P. Heiskanen, H. Haajanen, K. J. Björkroth, and H. J. Korkeala	2358-2360
Molecular Epidemiology of Hepatitis C Virus Infection in an Area of Hyperendemicity in Southern Italy: a Population-Based Study Alberto R. Osella, Laura Sonzogni, Aldo Cavallini, Luciana Foti, Vito Guerra, Alfredo Di Leo, Mario U. Mondelli, Giovanni Misciagna, and Enrico M. Silini	2371-2372
CASE REPORTS	
Typhoid Fever Due to <i>Salmonella</i> Kapemba Infection in an Otherwise Healthy Middle-Aged Man Hans-Eckart Sarnighausen, Claus Benz, Martin Eickenberg, J. Bockemühl, H. Tschäpe, and Jürgen F. Riemann	2381-2382
LETTERS TO THE EDITOR	
Large Conjugative <i>vanA</i> Plasmids in Vancomycin-Resistant <i>Enterococcus faecium</i> Guido Werner, Ingo Klare, and Wolfgang Witte	2383-2384

Detection and Characterization of Novel Rotavirus Strains in the United States Vera Gouvea, Norma Santos,, Jon R. Gentsch, and Roger I. Glass	2385-2386
Histoplasma capsulatum Antigen Detection: Comparison of the Performance Characteristics of a New Inhibition Immunoassay to Those of an Established Antibody Sandwich Immunoassay Joe Wheat,, B. Gómez, A. Restrepo, A. J. Hamilton, J. I. Figueroa, and R. J. Hay	2387
Rare Case of Failure by an Automated System To Detect Extended-Spectrum β -Lactamase in a Cephalosporin-Resistant Klebsiella pneumoniae Isolate Leonidas S. Tzouvelekis, Alkiviadis C. Vatopoulos, George Katsanis, and Eva Tzelepi	2388
Diagnosis and Management of Nocardia Keratitis Savitri Sharma, and M. S. Sridhar, Uma M. Tendolkar	2389
Detection of Respiratory Syncytial Virus in Samples Frozen at -20°C Gulden Yilmaz, Nilgun Isik, Nilgun Kansak, Selim Badur, Özdem Ang, Serpil Ugur Baysal, and Nedret Uzel	2390
ERRATUM	
Comparison of Simple and Rapid Methods for Identifying Enterococci Intrinsically Resistant to Vancomycin Kevan L. Hanson and Charles P. Cartwright	2391
AUTHOR'S CORRECTION	
Detection and Characterization of Novel Rotavirus Strains in the United States M. Ramachandran, J. R. Gentsch, U. D. Parashar, S. Jin, P. A. Woods, J. L. Holmes, C. D. Kirkwood, R. F. Bishop, H. B. Greenberg, S. Urasawa, G. Gerna, B. S. Coulson, K. Taniguchi, J. S. Bresee, R. I. Glass, and The National Rotavirus Strain Surveillance System Collaborating Laboratories	2392
Corneal Ulcer Caused by Nocardia asteroides in a Patient with Leprosy Uma M. Tendolkar, Ami Varaiya, A. S. Ahuja, S. A. Motwane, and A. S. Gogate	2392
VOL. 37, NO. 8; AUGUST 1999	
BACTERIOLOGY	
Prototypal Diarrheagenic Strains of Hafnia alvei Are Actually Members of the Genus Escherichia J. Michael Janda, Sharon L. Abbott, and M. John Albert	2399-2401
Cleavase Fragment Length Polymorphism Analysis of Neisseria meningitidis Basic Metabolic Genes Maria Lucia C. Tondella, Mike W. Reeves, Tanja Popovic, Nancy Rosenstein, Brian P. Holloway, and Leonard W. Mayer	2402-2407
Recurrent Bacteremia Caused by a "Flexispira"-Like Organism in a Patient with X-Linked (Bruton's) Agammaglobulinemia Susan Weir, Brenda Cuccherini, Anne M. Whitney, Marsha L. Ray, John P. MacGregor, Arnold Steigerwalt, Maryam I. Daneshvar, Robbin Weyant, Betty Wray, John Steele, Warren Strober, and Vee J. Gill	2439-2445

Involvement of Enterotoxins G and I in Staphylococcal Toxic Shock Syndrome and Staphylococcal Scarlet Fever Sophie Jarraud, Grégoire Cozon, François Vandenesch, Michèle Bes, Jerome Etienne, and Gerard Lina	2446-2449
Helicobacter pylori Infection in Indigenous Families of Central America: Serostatus and Oral and Fingernail Carriage S. A. Dowsett, L. Archila, V. A. Segreto, C. R. Gonzalez, A. Silva, K. A. Vastola, R. D. Bartizek, and M. J. Kowolik	2456-2460
Value of Enterobacterial Repetitive Intergenic Consensus PCR for Study of Pasteurella multocida Strains Isolated from Mouths of Dogs Julien Loubinoux, Alain Lozniewski, Christine Lion, Daniel Garin, Michèle Weber, and Alain E. Le Faou	2488-2492
Abiotrophia elegans Strains Comprise 8% of the Nutritionally Variant Streptococci Isolated from the Human Mouth Setsuko Sato, Taisei Kanamoto, and Masakazu Inoue	2553-2556
Inhibition Enzyme-Linked Immunosorbent Assay for Serotyping of Group B Streptococcal Isolates Gayathri Arakere, Aurea E. Flores, Patricia Ferrieri, and Carl E. Frasch	2564-2567
Biochemical Identification of Citrobacter Species Defined by DNA Hybridization and Description of Citrobacter gillenii sp. nov. (Formerly Citrobacter Genomospecies 10) and Citrobacter murlinae sp. nov. (Formerly Citrobacter Genomospecies 11) Don J. Brenner, Caroline M. O'Hara, Patrick A. D. Grimont, J. Michael Janda, Enevold Falsen, Eva Aldova, Elisabeth Ageron, Jiri Schindler, Sharon L. Abbott, and Arnold G. Steigerwalt	2619-2624
Evaluation of the Granada Agar Plate for Detection of Vaginal and Rectal Group B Streptococci in Pregnant Women García Gil, M. C. Rodríguez, R. Bartolomé, B. Berjano, L. Cabero, and A. Andreu	2648-2651
Detection of Staphylococcus aureus and Staphylococcus epidermidis in Clinical Samples by 16S rRNA-Directed In Situ Hybridization Vanessa Krimmer, Hilde Merkert, Christof von Eiff, Matthias Frosch, Jochen Eulert, Jochen F. Lühr, Jörg Hacker, and Wilma Ziebuhr	2667-2673
Use of Granada Medium To Detect Group B Streptococcal Colonization in Pregnant Women Manuel Rosa-Fraile, Javier Rodriguez-Granger, Marina Cueto-Lopez, Antonio Sampedro, Enrique Biel Gaye, José Manuel Haro, and Antonia Andreu	2674-2677
Molecular Detection and Identification of Intimin Alleles in Pathogenic Escherichia coli by Multiplex PCR Sean D. Reid, David J. Betting, and Thomas S. Whittam	2719-2722
Sequencing of the Ribosomal Intergenic Spacer Region for Strain Identification of Porphyromonas gingivalis Robert W. Rumpf, Ann L. Griffen, Bo-Gui Wen, and Eugene J. Leys	2723-2725

An Uncommon Helicobacter Isolate from Blood: Evidence of a Group of Helicobacter spp. Pathogenic in AIDS Patients Susan C. Weir, Cynthia L. Gibert, Fred M. Gordin, Steven H. Fischer, and Vee J. Gill	2729-2733
CHLAMYDIOLOGY AND RICKETTSIOLOGY	
Invasion and Intracellular Development of the Human Granulocytic Ehrlichiosis Agent in Tick Cell Culture Ulrike G. Munderloh, Steven D. Jauron, Volker Fingerle, Lorenz Leitritz, S. Fred Hayes, Joan M. Hautman, Curtis M. Nelson, Brent W. Huberty, Timothy J. Kurtti, Gilbert G. Ahlstrand, Barbara Greig, Martha A. Mellencamp, and Jesse L. Goodman	2518-2524
Comparison of Ehrlichia chaffeensis Recombinant Proteins for Serologic Diagnosis of Human Monocytotropic Ehrlichiosis Xue-Jie Yu, Patricia A. Crocquet-Valdes, Louis C. Cullman, Vsevolod L. Popov, and David H. Walker	2568-2575
Isolation of a New Subspecies, Bartonella vinsonii subsp. arupensis, from a Cattle Rancher: Identity with Isolates Found in Conjunction with Borrelia burgdorferi and Babesia microti among Naturally Infected Mice David F. Welch, Karen C. Carroll, Erik K. Hofmeister, David H. Persing, Denise A. Robison, Arnold G. Steigerwalt, and Don J. Brenner	2598-2601
MYCOBACTERIOLOGY AND AEROBIC ACTINOMYCETES	
Molecular Analysis of Mycobacterium avium Isolates by Using Pulsed-Field Gel Electrophoresis and PCR Martine Pestel-Caron, Gabriel Graff, Gilles Berthelot, Jean-Louis Pons, and Jean-François Lemeland	2450-2455
Identification of Two Novel Mycobacterium avium Allelic Variants in Pig and Human Isolates from Brazil by PCR-Restriction Enzyme Analysis Sylvia Cardoso Leão, Marcelo R. S. Briones, Marcelo Palma Sircili, Simone Carvalho Balian, Nelson Mores, and José Soares Ferreira-Neto	2592-2597
Usefulness of Spoligotyping To Discriminate IS6110 Low-Copy-Number Mycobacterium tuberculosis Complex Strains Cultured in Denmark Jeanett Bauer, Åse B. Andersen, Kristin Kremer, and Håkan Mörner	2602-2606
Mutations in the rpoB Gene of Rifampin-Resistant Mycobacterium tuberculosis Strains Isolated Mostly in Asian Countries and Their Rapid Detection by Line Probe Assay Kazue Hirano, Chiyoji Abe, and Mitsuyoshi Takahashi	2663-2666
A Multidrug-Resistant Tuberculosis Microepidemic Caused by Genetically Closely Related Mycobacterium tuberculosis Strains M. Kubín, M. Havelková, J. Kaustová, K. Kremer, and D. van Soolingen	2715-2716
MYCOLOGY	
Specific Detection of Fusarium Species in Blood and Tissues by a PCR Technique Francois-Xavier Hue, Michel Huerre, Marie Ange Rouffault, and Claude de Bievre	2434-2438

Phialemonium Fungemia: Two Documented Nosocomial Cases Josep Guarro, Marcio Nucci, Tiyomi Akiti, Josepa Gené, Josep Cano, M. Da Gloria C. Barreiro, and Carne Aguilar	2493-2497
Disseminated Zygomycosis Due to Rhizopus schipperae after Heatstroke Gregory M. Anstead, Deanna A. Sutton, Elizabeth H. Thompson, Irene Weitzman, Randal A. Otto, and Sunil K. Ahuja	2656-2662
Versatile Fluorescent Staining of Fungi in Clinical Specimens by Using the Optical Brightener Blankophor R. Rüchel and Meike Schaffrinski	2694-2696
Comparative Performance of the RapID Yeast Plus System and the API 20C AUX Clinical Yeast System Michael B. Smith, Daisy Dunklee, Hangna Vu, and Gail L. Woods	2697-2698
Indigenous Disseminated Penicillium marneffeii Infection in the State of Manipur, India: Report of Four Autochthonous Cases P. Narendra Singh, K. Ranjana, Y. Indiver Singh, K. Priyokumar Singh, S. Surchandra Sharma, M. Kulachandra, Y. Nabakumar, A. Chakrabarti, A. A. Padhye, L. Kaufman, and L. Ajello	2699-2702
PARASITOLOGY	
Utility of Multiple-Stool-Specimen Ova and Parasite Examinations in a High-Prevalence Setting Charles P. Cartwright	2408-2411
Field Evaluation of the ICT Malaria P.f/P.v Immunochromatographic Test for Detection of Plasmodium falciparum and Plasmodium vivax in Patients with a Presumptive Clinical Diagnosis of Malaria in Eastern Indonesia Emiliana Tjitra, Sri Suprianto, Mary Dyer, Bart J. Currie, and Nicholas M. Anstey	2412-2417
Fluorescent Oligonucleotide Probes for Clinical and Environmental Detection of Acanthamoeba and the T4 18S rRNA Gene Sequence Type Diane R. Stothard, John Hay, Jill M. Schroeder-Diedrich, David V. Seal, and Thomas J. Byers	2687-2693
VIROLOGY	
Genetic Basis for Immunological Aberrations in Poliovirus Sabin Serotype 3 Strains Imported in The Netherlands Johan H. J. Reimerink, Harrie G. A. M. van der Avoort, Anton M. van Loon, and Marion P. G. Koopmans	2393-2398
Effects of Anticoagulant, Processing Delay, and Assay Method (Branched DNA versus Reverse Transcriptase PCR) on Measurement of Human Immunodeficiency Virus Type 1 RNA Levels in Plasma Lynn M. Kirstein, John W. Mellors, Charles R. Rinaldo Jr., Joseph B. Margolick, Janis V. Giorgi, John P. Phair, Edith Dietz, Phalguni Gupta, Christopher H. Sherlock, Robert Hogg, J. S. G. Montaner, and Alvaro Muñoz	2428-2433

<p>Comparison of the Second-Generation Digene Hybrid Capture Assay with the Branched-DNA Assay for Measurement of Hepatitis B Virus DNA in Serum</p> <p>Stephen K. N. Ho, Tak Mao Chan, Ignatius K. P. Cheng, and Kar Neng Lai</p>	2461-2465
<p>Novel Human Erythrovirus Associated with Transient Aplastic Anemia</p> <p>Quang Tri Nguyen, Christophe Sifer, Véronique Schneider, Xavier Allaume, Annabelle Servant, Françoise Bernaudin, Véronique Auguste, and Antoine Garbarg-Chenon</p>	2483-2487
<p>Development and Clinical Evaluation of a Highly Sensitive PCR-Reverse Hybridization Line Probe Assay for Detection and Identification of Anogenital Human Papillomavirus</p> <p>Bernhard Kleter, Leen-Jan van Doorn, Lianne Schrauwen, Anco Molijn, Suprpto Sastrowijoto, Jan ter Schegget, Jan Lindeman, Bram ter Harmsel, Matthé Burger, and Wim Quint</p>	2508-2517
<p>Genotype Dependence of Hepatitis C Virus Load Measurement in Commercially Available Quantitative Assays</p> <p>Janet Mellor, Anna Hawkins, and Peter Simmonds</p>	2525-2532
<p>Performance of the Affymetrix GeneChip HIV PRT 440 Platform for Antiretroviral Drug Resistance Genotyping of Human Immunodeficiency Virus Type 1 Clades and Viral Isolates with Length Polymorphisms</p> <p>Maryanne Vahey, Martin E. Nau, Sandra Barrick, John D. Cooley, Robert Sawyer, Alex A. Sleeker, Peter Vickerman, Stuart Bloor, Brendan Larder, Nelson L. Michael, and Scott A. Wegner</p>	2533-2537
<p>TT Virus Infection in French Hemodialysis Patients: Study of Prevalence and Risk Factors</p> <p>Pierre Gallian, Yvon Berland, Michel Olmer, Denis Raccah, Philippe de Micco, Philippe Biagini, Sophie Simon, Dammar Bouchouareb, Catherine Mourey, Christa Roubicek, M'hammed Touinssi, Jean-François Cantaloube, Bertrand Dussol, and Xavier de Lamballerie</p>	2538-2542
<p>Detection of Dengue Virus RNA in Patients after Primary or Secondary Dengue Infection by Using the TaqMan Automated Amplification System</p> <p>Thomas Laue, Petra Emmerich, and Herbert Schmitz</p>	2543-2547
<p>Development of Calibrated Viral Load Standards for Group M Subtypes of Human Immunodeficiency Virus Type 1 and Performance of an Improved AMPLICOR HIV-1 MONITOR Test with Isolates of Diverse Subtypes</p> <p>Nelson L. Michael, Steven A. Herman, Shirley Kwok, Kimberly Dreyer, June Wang, Cindy Christopherson, Joanne P. Spadoro, Karen K. Y. Young, Victoria Polonis, Francine E. McCutchan, Jean Carr, John R. Mascola, Linda L. Jagodzinski, and Merlin L. Robb</p>	2557-2563
<p>Serological Determination of Hepatitis C Virus Subtypes 1a, 1b, 2a, 2b, 3a, and 4a by a Recombinant Immunoblot Assay</p> <p>Matthias Schröter, Heinz-Hubert Feucht, Peter Schäfer, Bernhard Zöllner, and Rainer Laufs</p>	2576-2580

Detection of Phylogenetically Diverse Human Immunodeficiency Virus Type 1 Groups M and O from Plasma by Using Highly Sensitive and Specific Generic Primers Chunfu Yang, Danuta Pieniazek, Sherry M. Owen, Carol Fridlund, John Nkengasong, Timothy D. Mastro, Mark A. Rayfield, Robert Downing, Benon Biryawaho, Amilcar Tanuri, Leopold Zekeng, Guido van der Groen, Feng Gao, and Renu B. Lal	2581-2586
Evaluation of the PrimeCapture CMV DNA Detection Plate System for Detection of Cytomegalovirus in Clinical Specimens Eugene H. Davoli, Steven M. Lipson, Mark E. Match, David H. Shepp, Joseph W. Morin, and Dennis M. Curley	2587-2591
Determination of Hepatitis C Virus Genotype by Direct Sequence Analysis of Products Generated with the Amplicor HCV Test Jeff J. Germer, Paul N. Rys, Jill N. Thorvilson, and David H. Persing	2625-2630
Improved Detection of Hepatitis B Virus Surface Antigen by a New Rapid Automated Assay Bernard Weber, Anja Bayer, Peter Kirch, Volker Schlüter, Dietmar Schlieper, and Walter Melchior	2639-2647
Sensitive Assays for Isolation and Detection of Simian Foamy Retroviruses Arifa S. Khan, Johnna F. Sears, Jacqueline Muller, Teresa A. Galvin, and Muhammad Shahabuddin	2678-2686
TT Virus Infection Is Widespread in the General Populations from Different Geographic Regions Kenji Abe, Tomoko Inami, Kazue Asano, Chiaki Miyoshi, Naohiko Masaki, Shigeki Hayashi, Ko-ichi Ishikawa, Yutaka Takebe, Khin Maung Win, Abdel Rahman El-Zayadi, Kwang-Hyub Han, and David Y. Zhang	2703-2705
Identification of Human Rotavirus Strains with the P[14] Genotype by PCR Serenella Arista, Esmeralda Vizzi, Cristina Alaimo, Daniela Palermo, and Antonio Cascio	2706-2708
Novel Immunoblot Assay Using Four Recombinant Antigens for Diagnosis of Epstein-Barr Virus Primary Infection and Reactivation M. Buisson, B. Fleurent, M. Mak, P. Morand, L. Chan, A. Ng, M. Guan, D. Chin, and J. M. Seigneurin	2709-2714
Typing of Clinical Herpes Simplex Virus Type 1 and Type 2 Isolates with Monoclonal Antibodies Jan-Åke Liljeqvist, Bo Svennerholm, and Tomas Bergström	2717-2718
Diagnostic Value of Anti-Hepatitis C Virus (HCV) Core Immunoglobulin M in Recurrence of HCV Infection after Orthotopic Liver Transplantation Carmela Casino, Daniela Lilli, Daniela Rivanera, Antonella Comanducci, Massimo Rossi, Giovanni Casciaro, Irene Pecorella, Dario Alfani, and Carlo Mancini	2726-2728
CLINICAL VETERINARY MICROBIOLOGY	

Salmonella enterica Serotype Dublin Infection: an Emerging Infectious Disease for the Northeastern United States Patrick L. McDonough, David Fogelman, Sang J. Shin, Michael A. Brunner, and Donald H. Lein	2418-2427
PCR and Blood Culture for Detection of Escherichia coli Bacteremia in Rats Alexandra Heininger, Marlies Binder, Sibylle Schmidt, Klaus Unertl, Konrad Botzenhart, and Gerd Döring	2479-2482
Detection of Bovine Herpesvirus Type 1 in Blood from Naturally Infected Cattle by Using a Sensitive PCR That Discriminates between Wild-Type Virus and Virus Lacking Glycoprotein E Monika Fuchs, Peter Hübert, Jan Detterer, and Hanns-Joachim Rziha	2498-2507
Coinfection with Multiple Tick-Borne Pathogens in a Walker Hound Kennel in North Carolina S. K. Kordick, E. B. Breitschwerdt, B. C. Hegarty, K. L. Southwick, C. M. Colitz, S. I. Hancock, J. M. Bradley, R. Rumbough, J. T. Mcpherson, and J. N. MacCormack	2631-2638
Detection of Porcine Rotavirus Type G9 and of a Mixture of Types G1 and G5 Associated with Wa-Like VP4 Specificity: Evidence for Natural Human-Porcine Genetic Reassortment Norma Santos, Rita C. C. Lima, Carlos M. Nozawa, Rosa E. Linhares, and Vera Gouvea	2734-2736
EPIDEMIOLOGY	
Molecular Typing of Multiple-Antibiotic-Resistant Salmonella enterica Serovar Typhi from Vietnam: Application to Acute and Relapse Cases of Typhoid Fever John Wain, Tran T. Hien, Phillippa Connerton, Tahir Ali, Christopher M. Parry, Nguyen T. T. Chinh, Ha Vinh, Cao X. T. Phuong, Vo A. Ho, To S. Diep, Jeremy J. Farrar, Nicholas J. White, and Gordon Dougan	2466-2472
Comparison of Molecular Methods for Typing Vibrio parahaemolyticus S. Marshall, C. G. Clark, G. Wang, M. Mulvey, M. T. Kelly, and W. M. Johnson	2473-2478
Molecular Epidemiological Study of Haemophilus influenzae Serotype b Strains Obtained from Children with Meningitis in Japan Toshihiro Mitsuda, Haruo Kuroki, Nobuyasu Ishikawa, Tomoyuki Imagawa, Schuichi Ito, Takako Miyamae, Masaaki Mori, Suzuko Uehara, and Shumpei Yokota	2548-2552
Comparison of Methods Based on Different Molecular Epidemiological Markers for Typing of Mycobacterium tuberculosis Complex Strains: Interlaboratory Study of Discriminatory Power and Reproducibility K. Kremer, D. van Soolingen, R. Frothingham, W. H. Haas, P. W. M. Hermans, C. Martín, P. Palittapongarnpim, B. B. Plikaytis, L. W. Riley, M. A. Yakrus, J. M. Musser, and J. D. A. van Embden	2607-2618

Single Clonal Origin of a High Proportion of Legionella pneumophila Serogroup 1 Isolates from Patients and the Environment in the Area of Paris, France, over a 10-Year Period Christine Lawrence, Monique Reyrolle, Sylvie Dubrou, Françoise Forey, Bénédicte Decludt, Claire Goulvestre, Peggy Matsiota-Bernard, Jerome Etienne, and Charles Nauciel	2652-2655
CASE REPORTS	
Destructive Knee Joint Infection Caused by Peptostreptococcus micros: Importance of Early Microbiological Diagnosis Kristian Riesbeck and Lennart Sanzén	2737-2739
FAST-TRACK COMMUNICATIONS	
Stable and Unstable Amoxicillin Resistance in Helicobacter pylori: Should Antibiotic Resistance Testing Be Performed Prior to Eradication Therapy? Shan-Rui Han, Sucharit Bhakdi, Markus J. Maeurer, Thomas Schneider, and Steffan Gehring	2740-2741
LETTERS TO THE EDITOR	
Leukocyte Stabilization Reagent for Use in the Cytomegalovirus pp65 Antigenemia Assay Steven M. Lipson	2742
Determination of Penicillin Resistance in Streptococcus pneumoniae and Use of Co-Trimoxazole in Treatment of Pneumococcal Pneumonia M. K. Lalitha, Anand Manoharan, Rekha Pai, Kurien Thomas, Samir K. Saha, R. B. Sack, K. Matsumoto, and T. Nagatake	2743-2744