

Journal of Clinical Microbiology

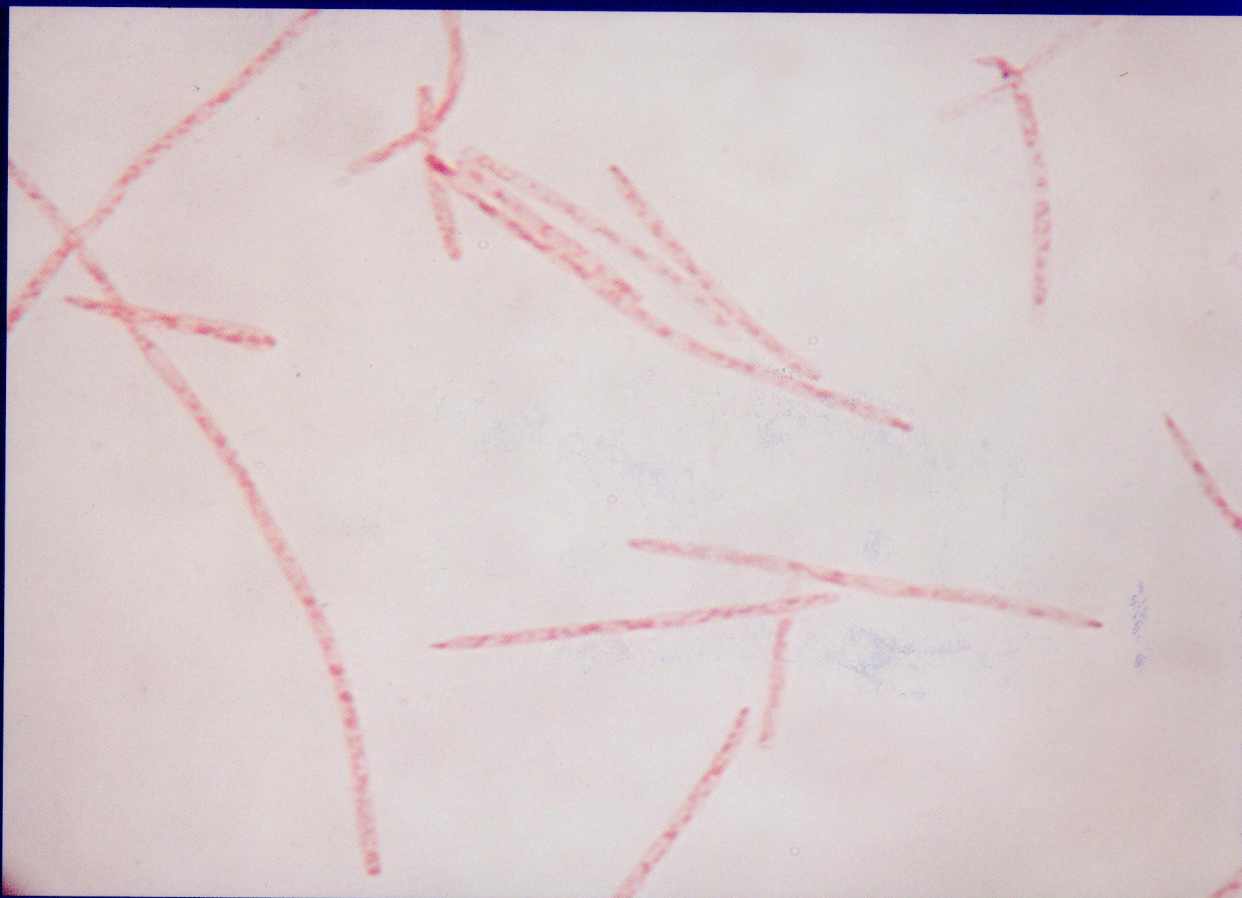


Photo quiz
(see page 389)

JCM

February 2013
Volume 51
Number 2

3

2

7



Published monthly by the American Society for Microbiology



TABLE OF CONTENTS

PHOTO QUIZ

An 80-Year-Old Female with Acute Myeloid Leukemia and Induction-Associated Neutropenic Fever

Rafael Baracaldo, Paul Bourbeau 389

Answer to Photo Quiz

Rafael Baracaldo, Paul Bourbeau 737

BIOGRAPHICAL FEATURE

Michael A. Pfaller, M.D.

Stephen A. Moser 390–392

MINIREVIEW

Diagnostic Accuracy and Reproducibility of WHO-Endorsed Phenotypic Drug Susceptibility Testing Methods for First-Line and Second-Line Antituberculosis Drugs

David J. Horne, Lancelot M. Pinto, Matthew Arentz, S.-Y. Grace Lin, Edward Desmond, Laura L. Flores, Karen R. Steingart, Jessica Minion 393–401

BACTERIOLOGY

Microbiology of Explanted Suture Segments from Infected and Noninfected Surgical Patients

Charles E. Edmiston, Jr., Candace J. Krepel, Richard M. Marks, Peter J. Rossi, James Sanger, Matthew Goldblatt, Mary Beth Graham, Stephen Rothenburger, John Collier, Gary R. Seabrook 417–421

Pulsed-Field Gel Electrophoresis Analysis of *Bordetella pertussis* Isolates Circulating in Europe from 1998 to 2009

Abdolreza Advani, Hans O. Hallander, Tine Dalby, Karen Angeliki Krogfelt, Nicole Guiso, Elisabeth Njamkepo, Carl Heinz Wirsing von Könning, Marion Riffelmann, Frits R. Mooi, Per Sandven, Anna Lutyńska, Norman K. Fry, Jussi Mertsola, Qiushui He 422–428

Evaluation of a New Chromogenic Agar Medium for Detection of Shiga Toxin-Producing *Escherichia coli* (STEC) and Relative Prevalences of O157 and Non-O157 STEC in Manitoba, Canada

J. L. Wylie, P. Van Caesele, M. W. Gilmour, D. Sitter, C. Guttek, S. Giercke 466–471

A Laboratory-Developed TaqMan Array Card for Simultaneous Detection of 19 Enteropathogens

Jie Liu, Jean Gratz, Caroline Amour, Gibson Kibiki, Stephen Becker, Lalitha Janaki, Jaco J. Verweij, Mami Taniuchi, Shihab U. Sobuz, Rashidul Haque, Doris M. Haverstick, Eric R. Houpt 472–480

Comparison of Three Different Methods for Detection of Shiga Toxin-Producing *Escherichia coli* in a Tertiary Pediatric Care Center

Emilie Vallières, Maude Saint-Jean, Fabien Rallu 481–486

Rapid Detection of Pantone-Valentine Leukocidin in *Staphylococcus aureus* Cultures by Use of a Lateral Flow Assay Based on Monoclonal Antibodies

Stefan Monecke, Elke Müller, Joseph Buechler, John Rejman, Bettina Stieber, Patrick Eberechi Akpaka, Dirk Bandt, Rob Burris, Geoffrey Coombs, G. Aida Hidalgo-Arroyo, Peter Hughes, Angela Kearns, Sonia Molinos Abós, Bruno Pichon, Leila Skakni, Bo Söderquist, Ralf Ehrlich 487–495

Sonication of Explanted Cardiac Implants Improves Microbial Detection in Cardiac Device Infections

Alessandra Oliva, Bich Lien Nguyen, Maria T. Mascellino, Alessandra D'Abramo, Marco Iannetta, Antonio Ciccaglioni, Vincenzo Vullo, Claudio M. Mastroianni 496–502

Capsular Gene Typing of *Streptococcus agalactiae* Compared to Serotyping by Latex Agglutination

Kaihu Yao, Knud Poulsen, Domenico Maione, C. Daniela Rinaudo, Lucilla Baldassarri, John L. Telford, Uffe B. Skov Sørensen, Members of the DEVANI Study Group, Mogens Kilian 503–507

Prevalence of and Risk Factors for Biliary Carriage of Bacteria Showing Worrisome and Unexpected Resistance Traits

E. Maseda, G. Maggi, R. Gomez-Gil, G. Ruiz, R. Madero, A. Garcia-Perea, L. Aguilar, F. Gilsanz, J. Rodriguez-Baño 518–521

Sonication versus Vortexing of Implants for Diagnosis of Prosthetic Joint Infection

María Eugenia Portillo, Margarita Salvadó, Andrej Trampuz, Virginia Plasencia, María Rodríguez-Villasante, Lluisa Sorli, Lluís Puig, Juan Pablo Horcajada 591–594

Colonization Dynamics of Antibiotic-Resistant Coagulase-Negative Staphylococci in Neonates

Vishal Hira, René F. Kornelisse, Marcel Sluijter, Alike Kamerbeek, Wil H. F. Goessens, Ronald de Groot, Peter W. M. Hermans 595–597

Detection of Heterogeneity of *Borrelia burgdorferi* in Ixodes Ticks by Culture-Dependent and Culture-Independent Methods

Guang Xu, Jaime Wesker, Caitlin White, Jason Campbell, Nicholas G. Reich, Stephen M. Rich 615–617

Rapid Detection of *Campylobacter* Antigen by Enzyme Immunoassay Leads to Increased Positivity Rates

Carmen L. Giltner, Sandra Saeki, April M. Bobenchik, Romney M. Humphries 618–620

Development and Evaluation of a Novel, Semiautomated *Clostridium difficile* Typing Platform

Lars F. Westblade, Robin R. Chamberland, Duncan MacCannell, Rachel Collins, Erik R. Dubberke, W. Michael Dunne, Jr., Carey-Ann D. Burnham 621–624

Multiple-Locus Variable-Number Tandem-Repeat Analysis of 201 *Mycoplasma pneumoniae* Isolates from Beijing, China, from 2008 to 2011

Fei Zhao, Gang Liu, Bin Cao, Jiang Wu, Yixin Gu, Lihua He, Fanliang Meng, Liang Zhu, Yudong Yin, Min Lv, Jianzhong Zhang 636–639

Sequential Triplex Real-Time PCR Assay for Detecting 21 Pneumococcal Capsular Serotypes That Account for a High Global Disease Burden

Fabiana C. Pimenta, Alexis Roundtree, Ahmet Soysal, Mustafa Bakir, Mignon du Plessis, Nicole Wolter, Anne von Gottberg, Lesley McGee, Maria da Gloria Carvalho, Bernard Beall 647–652

Urease Operon and Urease Activity in Commensal and Disease-Causing Nontypeable *Haemophilus influenzae*

Lixin Zhang, Mayuri Patel, Jingping Xie, Gregg S. Davis, Carl F. Marrs, Janet R. Gilsdorf 653–655

***Salmonella enterica* Serovar Typhi Variants in Long-Term Carriers**

Chien-Shun Chiou, Hsiao-Lun Wei, Jung-Jung Mu, Ying-Shu Liao, Shiu-Yun Liang, Chun-Hsing Liao, Chi-Sen Tsao, Shu-Chuan Wang 669–672