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No. 10

GUEST COMMENTARY

Novel Links between Antibiotic Resistance and Antibiotic Production

Justin R. Nodwell

3683–3685

GENOMICS AND PROTEOMICS

Complete Nucleotide Sequence of the 113-Kilobase Linear Catabolic Plasmid pAL1 of *Arthrobacter nitroguajacolicus* Rü61a and Transcriptional Analysis of Genes Involved in Quinaldine Degradation

Katja Parschat, Jörg Overhage, Axel W. Strittmatter, Anke Henne, Gerhard Gottschalk, and Susanne Fetzner

3855–3867

MarT Activates Expression of the MisL Autotransporter Protein of *Salmonella enterica* Serotype Typhimurium

Çagla Tükel, Mustafa Akçelik, Maarten F. de Jong, Ömer Şimşek, Renée M. Tsohis, and Andreas J. Bäuml

3922–3926

Identification of the L,D-Transpeptidases Responsible for Attachment of the Braun Lipoprotein to *Escherichia coli* Peptidoglycan

Sophie Magnet, Samuel Bellais, Lionel Dubost, Martine Fourgeaud, Jean-Luc Mainardi, Sébastien Petit-Frère, Arul Marie, Dominique Mengin-Lecreux, Michel Arthur, and Laurent Gutmann

3927–3931

MOLECULAR BIOLOGY OF PATHOGENS

Differential Bvg Phase-Dependent Regulation and Combinatorial Role in Pathogenesis of Two *Bordetella* Paralogs, BipA and BcfA

Neelima Sukumar, Meenu Mishra, Gina Parise Sloan, Tomoo Ogi, and Rajendar Deora

3695–3704

Error-Prone DNA Repair System in Enteroaggregative *Escherichia coli* Identified by Subtractive Hybridization

Lucy M. Joo, Louissa R. Macfarlane-Smith, and Iruka N. Okeke

3793–3803

Genetic Analysis of *Helicobacter pylori* Strain Populations Colonizing the Stomach at Different Times Postinfection

Nina R. Salama, Gerardo Gonzalez-Valencia, Brooke Deatherage, Francisco Aviles-Jimenez, John C. Atherton, David Y. Graham, and Javier Torres

3834–3845

Biofilms Formed by Nontypeable *Haemophilus influenzae* In Vivo Contain Both Double-Stranded DNA and Type IV Pilin Protein

Joseph A. Jurcisek and Lauren O. Bakaletz

3868–3875

BACTERIOPHAGES, TRANSPOSONS, AND PLASMIDS

TraY and Integration Host Factor *oriT* Binding Sites and F Conjugal Transfer: Sequence Variations, but Not Altered Spacing, Are Tolerated

Sarah L. Williams and Joel F. Schildbach

3813–3823

Interaction of Related Tn916-Like Transposons: Analysis of Excision Events Promoted by Tn916 and Tn5386 Integrases

Louis B. Rice, Lenore L. Carias, Rebecca Hutton-Thomas, and Susan Rudin

3909–3917

Target Site Selection of *Pseudomonas putida* Transposon Tn4652

Paula Ann Kivistik, Maia Kivisaar, and Rita Hörak

3918–3921

GENE REGULATION

Regulation of Arsenate Resistance in *Desulfovibrio desulfuricans* G20 by an *arsRBCC* Operon and an *arsC* Gene

Xiangkai Li and Lee R. Krumholz

3705–3711

Continued on following page

Regulation of <i>dev</i>, an Operon That Includes Genes Essential for <i>Myxococcus xanthus</i> Development and CRISPR-Associated Genes and Repeats	Poorna Viswanathan, Kimberly Murphy, Bryan Julien, Anthony G. Garza, and Lee Kroos	3738–3750
Integrated Response to Inducers by Communication between a Catabolic Pathway and Its Regulatory System	Olga Martínez-Pérez, Aroa López-Sánchez, Francisca Reyes-Ramírez, Belén Floriano, and Eduardo Santero	3768–3775
Regulation of Hydrogen Peroxide-Dependent Gene Expression in <i>Rhodobacter sphaeroides</i>: Regulatory Functions of OxyR	Tanja Zeller, Mobarak A. Mraheil, Oleg V. Moskvina, Kuanyu Li, Mark Gomelsky, and Gabriele Klug	3784–3792
Transcription Activation Mediated by a Cyclic AMP Receptor Protein from <i>Thermus thermophilus</i> HB8	Akeo Shinkai, Satoshi Kira, Noriko Nakagawa, Aiko Kashihara, Seiki Kuramitsu, and Shigeyuki Yokoyama	3891–3901
MICROBIAL CELL BIOLOGY		
XphA/XqhA, a Novel GspCD Subunit for Type II Secretion in <i>Pseudomonas aeruginosa</i>	Gérard P. F. Michel, Eric Durand, and Alain Filloux	3776–3783
Glycine Residues in the Hydrophobic Core of the GspB Signal Sequence Route Export toward the Accessory Sec Pathway	Barbara A. Bensing, Ian R. Siboo, and Paul M. Sullam	3846–3854
Septum-Localized Protein Required for Filament Integrity and Diazotrophy in the Heterocyst-Forming Cyanobacterium <i>Anabaena</i> sp. Strain PCC 7120	Enrique Flores, Rafael Pernil, Alicia M. Muro-Pastor, Vicente Mariscal, Iris Maldener, Sigal Lechno-Yossef, Qing Fan, C. Peter Wolk, and Antonia Herrero	3884–3890
GENETICS AND MOLECULAR BIOLOGY		
A Novel Fur- and Iron-Regulated Small RNA, NrrF, Is Required for Indirect Fur-Mediated Regulation of the <i>sdhA</i> and <i>sdhC</i> Genes in <i>Neisseria meningitidis</i>	J. R. Mellin, Sulip Goswami, Susan Grogan, Brian Tjaden, and Caroline A. Genco	3686–3694
Identification and Characterization of Genes Encoding a Putative ABC-Type Transporter Essential for Utilization of γ-Hexachlorocyclohexane in <i>Sphingobium japonicum</i> UT26	Ryo Endo, Yoshiyuki Ohtsubo, Masataka Tsuda, and Yuji Nagata	3712–3720
Functional Complementation of the Essential Gene <i>fabG1</i> of <i>Mycobacterium tuberculosis</i> by <i>Mycobacterium smegmatis</i> <i>fabG</i> but Not <i>Escherichia coli</i> <i>fabG</i>	Tanya Parish, Gretta Roberts, Françoise Laval, Merrill Schaeffer, Mamadou Daffé, and Ken Duncan	3721–3728
The SsrA-SmpB Ribosome Rescue System Is Important for Growth of <i>Bacillus subtilis</i> at Low and High Temperatures	Ji-Hyun Shin and Chester W. Price	3729–3737
Expression Analysis of Multiple <i>dnaK</i> Genes in the Cyanobacterium <i>Synechococcus elongatus</i> PCC 7942	Masumi Sato, Kaori Nimura-Matsune, Satoru Watanabe, Taku Chibazakura, and Hirofumi Yoshikawa	3751–3758
Mutations in <i>rsmG</i>, Encoding a 16S rRNA Methyltransferase, Result in Low-Level Streptomycin Resistance and Antibiotic Overproduction in <i>Streptomyces coelicolor</i> A3(2)	Kenji Nishimura, Takeshi Hosaka, Shinji Tokuyama, Susumu Okamoto, and Kozi Ochi	3876–3883
PHYSIOLOGY AND METABOLISM		
Degradation of Alkyl Methyl Ketones by <i>Pseudomonas veronii</i> MEK700	Christina Onaca, Martin Kieninger, Karl-H. Engesser, and Josef Altenbuchner	3759–3767
Biosynthesis of Isoprenoid Wax Ester in <i>Marinobacter hydrocarbonoclasticus</i> DSM 8798: Identification and Characterization of Isoprenoid Coenzyme A Synthetase and Wax Ester Synthases	Erik Holtzapfel and Claudia Schmidt-Dannert	3804–3812

Continued from preceding page

Heterologous Expression and Identification of the Genes Involved in Anaerobic Degradation of 1,3-Dihydroxybenzene (Resorcinol) in <i>Azoarcus anaerobius</i>	Paula I. Darley, Jutta A. Hellstern, Javier I. Medina-Bellver, Silvia Marqués, Bernhard Schink, and Bodo Philipp	3824–3833
Quinone Reduction by the Na⁺-Translocating NADH Dehydrogenase Promotes Extracellular Superoxide Production in <i>Vibrio cholerae</i>	Po-Chi Lin, Karin Türk, Claudia C. Häse, Günter Fritz, and Julia Steuber	3902–3908
ERRATA		
Mutagenesis and Repair in <i>Bacillus anthracis</i>: the Effect of Mutators	Krystle Ziebell, Sharon Aguila, Vivian Yan Shi, Andrea Chan, Hanjing Yang, and Jeffrey H. Miller	3932
<i>N</i>-Acetylanthranilate Amidase from <i>Arthrobacter nitroguajacolicus</i> Rü61a, an α/β-Hydrolase-Fold Protein Active towards Aryl-Acylamides and -Esters, and Properties of Its Cysteine-Deficient Variant	Stephan Kolkenbrock, Katja Parschat, Bernd Beermann, Hans-Jürgen Hinz, and Susanne Fetzner	3933
RR06 Activates Transcription of <i>spr1996</i> and <i>cbpA</i> in <i>Streptococcus pneumoniae</i>	Zhuo Ma and Jing-Ren Zhang	3934

Cover photograph (Copyright © 2007, American Society for Microbiology. All Rights Reserved.): Three-dimensional reconstruction of z-stack images from a frozen section of a 21-day biofilm formed in the chinchilla middle ear by nontypeable *Haemophilus influenzae* and labeled for type IV pilin protein (green fluorescence) and with DAPI for detection of double-stranded DNA (dsDNA) (blue fluorescence). DAPI labeling of dsDNA that has formed a dense interwoven meshwork within the biofilm is evident. Pilin protein, or possibly bacteria expressing type IV pili, is seen as small aggregates in a plane that sits slightly below the meshwork of dsDNA strands. (See related article on page 3868.)