

TABLE OF CONTENTS

EDITORIAL

Acknowledgment of Reviewers	Harold L. Drake	7537–7545
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SPOTLIGHT

Articles of Significant Interest Selected from This Issue by the Editors		7546
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MINIREVIEW

Bacteriophage Orphan DNA Methyltransferases: Insights from Their Bacterial Origin, Function, and Occurrence	James Murphy, Jennifer Mahony, Stuart Ainsworth, Arjen Nauta, Douwe van Sinderen	7547–7555
---	--	-----------

BIODEGRADATION

Oxidation of the Cyclic Ethers 1,4-Dioxane and Tetrahydrofuran by a Monooxygenase in Two <i>Pseudonocardia</i> Species	Christopher M. Sales, Ariel Grostern, Juanito V. Parales, Rebecca E. Parales, Lisa Alvarez-Cohen	7702–7708
--	--	-----------

The Novel Bacterial <i>N</i> -Demethylase PdmAB Is Responsible for the Initial Step of <i>N,N</i> -Dimethyl-Substituted Phenylurea Herbicide Degradation	Tao Gu, Chaoyang Zhou, Sebastian R. Sørensen, Ji Zhang, Jian He, Peiwen Yu, Xin Yan, Shunpeng Li	7846–7856
--	--	-----------

BIOTECHNOLOGY

Single-Cell Measurements of Enzyme Levels as a Predictive Tool for Cellular Fates during Organic Acid Production	Stefan Zdraljevic, Drew Wagner, Kevin Cheng, Laura Ruohonen, Jussi Jäntti, Merja Penttilä, Orna Resnekov, C. Gustavo Pesce	7569–7582
--	--	-----------

Exploring the Mechanism of Biocatalyst Inhibition in Microbial Desulfurization	Andres Abin-Fuentes, Magdy El-Said Mohamed, Daniel I. C. Wang, Kristala L. J. Prather	7807–7817
--	---	-----------

Regulation of Dual Glycolytic Pathways for Fructose Metabolism in Heterofermentative <i>Lactobacillus panis</i> PM1	Tae Sun Kang, Darren R. Korber, Takuji Tanaka	7818–7826
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ENVIRONMENTAL MICROBIOLOGY

Characteristics of Cefotaxime-Resistant <i>Escherichia coli</i> from Wild Birds in The Netherlands	Kees Veldman, Peter van Tulden, Arie Kant, Joop Testerink, Dik Mevius	7556–7561
--	---	-----------

Effect of Incubation Temperature on the Detection of Thermophilic <i>Campylobacter</i> Species from Freshwater Beaches, Nearby Wastewater Effluents, and Bird Fecal Droppings	Izhar U. H. Khan, Stephen Hill, Eva Nowak, Thomas A. Edge	7639–7645
---	---	-----------

Abilities of the mCP Agar Method and CRENAME Alpha Toxin-Specific Real-Time PCR Assay To Detect <i>Clostridium perfringens</i> Spores in Drinking Water	Andrée F. Maheux, Ève Bérubé, Dominique K. Boudreau, Romain Villéger, Philippe Cantin, Maurice Boissinot, Luc Bissonnette, Michel G. Bergeron	7654–7661
---	---	-----------

Isolation and Characterization of <i>Burkholderia rinojensis</i> sp. nov., a Non- <i>Burkholderia cepacia</i> Complex Soil Bacterium with Insecticidal and Miticidal Activities	Ana Lucia Cordova-Kreylos, Lorena E. Fernandez, Marja Koivunen, April Yang, Lina Flor-Weiler, Pamela G. Marrone	7669–7678
---	---	-----------

Prevalence of Nonpolio Enteroviruses in the Sewage of Guangzhou City, China, from 2009 to 2012	Huanying Zheng, Jing Lu, Yong Zhang, Hiromu Yoshida, Xue Guo, Leng Liu, Hui Li, Hanri Zeng, Ling Fang, Yanling Mo, Lina Yi, Toru Chosa, Wenbo Xu, Changwen Ke	7679–7683
Analysis of Magnetosome Chains in Magnetotactic Bacteria by Magnetic Measurements and Automated Image Analysis of Electron Micrographs	E. Katzmann, M. Eibauer, W. Lin, Y. Pan, J. M. Plitzko, D. Schüler	7755–7762
Release of Free DNA by Membrane-Impaired Bacterial Aerosols Due to Aerosolization and Air Sampling	Huajun Zhen, Taewon Han, Donna E. Fennell, Gediminas Mainelis	7780–7789
Meta-Analysis of Quantification Methods Shows that Archaea and Bacteria Have Similar Abundances in the Subseafloor	Karen G. Lloyd, Megan K. May, Richard T. Kevorkian, Andrew D. Steen	7790–7799
Anaerobic Benzene Oxidation via Phenol in <i>Geobacter metallireducens</i>	Tian Zhang, Pier-Luc Tremblay, Akhilesh Kumar Chaurasia, Jessica A. Smith, Timothy S. Bain, Derek R. Lovley	7800–7806
Dimethyl Adenosine Transferase (KsgA) Deficiency in <i>Salmonella enterica</i> Serovar Enteritidis Confers Susceptibility to High Osmolarity and Virulence Attenuation in Chickens	Kim Lam Chiok, Tarek Addwebi, Jean Guard, Devendra H. Shah	7857–7866
ENZYMODOLOGY AND PROTEIN ENGINEERING		
Iterative Saturation Mutagenesis of –6 Subsite Residues in Cyclodextrin Glycosyltransferase from <i>Paenibacillus macerans</i> To Improve Maltodextrin Specificity for 2-O-D-Glucopyranosyl-L-Ascorbic Acid Synthesis	Ruizhi Han, Long Liu, Hyun-dong Shin, Rachel R. Chen, Jianghua Li, Guocheng Du, Jian Chen	7562–7568
Differential Induction of Antimicrobial REGIII by the Intestinal Microbiota and <i>Bifidobacterium breve</i> NCC2950	Jane M. M. Natividad, Christina L. Hayes, Jean-Paul Motta, Jennifer Jury, Heather J. Galipeau, Vivek Philip, Clara L. Garcia-Rodenas, Hiroshi Kiyama, Premysl Bercik, Elena F. Verdu	7745–7754
EVOLUTIONARY AND GENOMIC MICROBIOLOGY		
Diverse Broad-Host-Range Plasmids from Freshwater Carry Few Accessory Genes	Celeste J. Brown, Diya Sen, Hirokazu Yano, Matthew L. Bauer, Linda M. Rogers, Geraldine A. Van der Auwera, Eva M. Top	7684–7695
FOOD MICROBIOLOGY		
Risk Factors Associated with <i>Salmonella</i> and <i>Listeria monocytogenes</i> Contamination of Produce Fields	Laura K. Strawn, Yrjo T. Gröhn, Steven Warchock, Randy W. Worobo, Elizabeth A. Bihn, Martin Wiedmann	7618–7627
Catabolism of Glucose and Lactose in <i>Bifidobacterium animalis</i> subsp. <i>lactis</i>, Studied by ¹³C Nuclear Magnetic Resonance	Irene González-Rodríguez, Paula Gaspar, Borja Sánchez, Miguel Gueimonde, Abelardo Margolles, Ana Rute Neves	7628–7638
Microbial Ecology Dynamics during Rye and Wheat Sourdough Preparation	Danilo Ercolini, Erica Pontonio, Francesca De Filippis, Fabio Minervini, Antonietta La Stora, Marco Gobbetti, Raffaella Di Cagno	7827–7836
GENETICS AND MOLECULAR BIOLOGY		
Two Histone Deacetylases, FfHda1 and FfHda2, Are Important for <i>Fusarium fujikuroi</i> Secondary Metabolism and Virulence	L. Studt, F. J. Schmidt, L. Jahn, C. M. K. Sieber, L. R. Connolly, E.-M. Niehaus, M. Freitag, H.-U. Humpf, B. Tudzynski	7719–7734

Induction of the Cpx Envelope Stress Pathway Contributes to <i>Escherichia coli</i> Tolerance to Antimicrobial Peptides	Bianca Audrain, Lionel Ferrières, Amira Zairi, Guillaume Soubigou, Curtis Dobson, Jean-Yves Coppée, Christophe Beloin, Jean-Marc Ghigo	7770–7779
SdrA, a New DeoR Family Regulator Involved in <i>Streptomyces avermitilis</i> Morphological Development and Antibiotic Production	Dana Ulanova, Shigeru Kitani, Eiichiro Fukusaki, Takuya Nihira	7916–7921
INVERTEBRATE MICROBIOLOGY		
A Novel <i>Rickettsia</i> Species Detected in Vole Ticks (<i>Ixodes angustus</i>) from Western Canada	Clare A. Anstead, Neil B. Chilton	7583–7589
Insecticidal Activity of <i>Bacillus thuringiensis</i> Cry1Bh1 against <i>Ostrinia nubilalis</i> (Hübner) (Lepidoptera: Crambidae) and Other Lepidopteran Pests	Justin Lira, Jeff Beringer, Stephanie Burton, Samantha Griffin, Joel Sheets, Sek Yee Tan, Aaron Woosley, Sarah Worden, Kenneth E. Narva	7590–7597
Glycerol-3-Phosphate Acyltransferase Contributes to Triacylglycerol Biosynthesis, Lipid Droplet Formation, and Host Invasion in <i>Metarhizium robertsii</i>	Qiang Gao, Yanfang Shang, Wei Huang, Chengshu Wang	7646–7653
A <i>Chrysodeixis chalcites</i> Single-Nucleocapsid Nucleopolyhedrovirus Population from the Canary Islands Is Genotypically Structured To Maximize Survival	Alexandra Bernal, Oihane Simón, Trevor Williams, Delia Muñoz, Primitivo Caballero	7709–7718
METHODS		
Use of a Hierarchical Oligonucleotide Primer Extension Approach for Multiplexed Relative Abundance Analysis of Methanogens in Anaerobic Digestion Systems	Jer-Horng Wu, Hui-Ping Chuang, Mao-Hsuan Hsu, Wei-Yu Chen	7598–7609
GET_HOMOLOGUES, a Versatile Software Package for Scalable and Robust Microbial Pangenome Analysis	Bruno Contreras-Moreira, Pablo Vinuesa	7696–7701
Rapid Detection and Identification of Nontuberculous Mycobacterial Pathogens in Fish by Using High-Resolution Melting Analysis	Thu Nguyet Phung, Domenico Caruso, Sylvain Godreuil, Nicolas Keck, Tatiana Vallaeys, Jean-Christophe Avarre	7837–7845
MICROBIAL ECOLOGY		
Cell Size Distributions of Soil Bacterial and Archaeal Taxa	Maria C. Portillo, Jonathan W. Leff, Christian L. Lauber, Noah Fierer	7610–7617
Genetic Diversity of Newcastle Disease Virus in Wild Birds and Pigeons in West Africa	Chantal J. Snoeck, Adeniyi T. Adeyanju, Ademola A. Owoade, Emmanuel Couacy-Hymann, Bello R. Alkali, Ulf Ottosson, Claude P. Muller	7867–7874
Feeding the Probiotic <i>Enterococcus faecium</i> Strain NCIMB 10415 to Piglets Specifically Reduces the Number of <i>Escherichia coli</i> Pathotypes That Adhere to the Gut Mucosa	Carmen Bednorz, Sebastian Guenther, Kathrin Oelgeschläger, Bianca Kinnemann, Robert Pieper, Susanne Hartmann, Karsten Tedin, Torsten Semmler, Konrad Neumann, Peter Schierack, Astrid Bethe, Lothar H. Wieler	7896–7904
MYCOLOGY		
Enhanced Biotransformation of Fluoranthene by Intertidally Derived <i>Cunninghamella elegans</i> under Biofilm-Based and Niche-Mimicking Conditions	Sayani Mitra, Arnab Pramanik, Srijoni Banerjee, Saubhik Haldar, Ratan Gachhui, Joydeep Mukherjee	7922–7930
PHYSIOLOGY		
DNA Double-Strand Break Repair at –15°C	Markus Diesler, John R. Battista, Brent C. Christner	7662–7668

Lysozyme and Penicillin Inhibit the Growth of Anaerobic Ammonium-Oxidizing Planctomycetes	Ziye Hu, Theo van Alen, Mike S. M. Jetten, Boran Kartal	7763–7769
Evolved Cobalamin-Independent Methionine Synthase (MetE) Improves the Acetate and Thermal Tolerance of <i>Escherichia coli</i>	Elena A. Mordukhova, Jae-Gu Pan	7905–7915
PUBLIC HEALTH MICROBIOLOGY		
Sequence-Based Analysis of the Intestinal Microbiota of Sows and Their Offspring Fed Genetically Modified Maize Expressing a Truncated Form of <i>Bacillus thuringiensis</i> Cry1Ab Protein (Bt Maize)	Stefan G. Buzoianu, Maria C. Walsh, Mary C. Rea, Lisa Quigley, Orla O'Sullivan, Paul D. Cotter, R. Paul Ross, Gillian E. Gardiner, Peadar G. Lawlor	7735–7744
Laboratory Evidence of Norwalk Virus Contamination on the Hands of Infected Individuals	Pengbo Liu, Blanca Escudero, Lee-Ann Jaykus, Julia Montes, Rebecca M. Goulter, Meredith Lichtenstein, Marina Fernandez, Joong-Chul Lee, Elizabeth De Nardo, Amy Kirby, James W. Arbogast, Christine L. Moe	7875–7881
<i>Aspergillus</i> Collagen-Like Genes (<i>acl</i>): Identification, Sequence Polymorphism, and Assessment for PCR-Based Pathogen Detection	Kiril Tuntevski, Brandon C. Durney, Anna K. Snyder, P. Rocco LaSala, Ajay P. Nayak, Brett J. Green, Donald H. Beezhold, Rita V. M. Rio, Lisa A. Holland, Slawomir Lukomski	7882–7895
AUTHOR'S CORRECTION		
Characterization of a <i>Lactobacillus gasseri</i> JCM 1131^T Lipoteichoic Acid with a Novel Glycolipid Anchor Structure	Tsukasa Shiraishi, Shin-ichi Yokota, Naoki Morita, Satoru Fukiya, Satoru Tomita, Naoto Tanaka, Sanae Okada, Atsushi Yokota	7931

Cover photograph (Copyright © 2013, American Society for Microbiology. All Rights Reserved): Sourdough-microbe networks based on RNA data obtained by pyrosequencing of 16S rRNA gene amplicons. The microbial evolution of three sourdoughs, based on different cereal flours (rye [diamonds], durum wheat [circles], and soft wheat [triangles]), is shown from the first step of spontaneous fermentation (red symbols) until stable sourdoughs were obtained. The microbial diversity decreases and the number of shared operational taxonomic units increases as the propagation proceeds (green, blue, fuchsia, and orange symbols correspond to sourdoughs after 1, 2, 5, and 10 days of propagation, respectively), making the three final sourdoughs very similar. (See related article on page 7827.)