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## CONTENTS • JULY 2018 • VOLUME 84, NO. 13

### COVER IMAGE



*Cover photograph:* The rosette sampler on the R/V *Sharp*, with the Chesapeake Bay Bridge in the distance. Sunlight is an abundant source of energy in surface waters, but less than 0.5% of available photons are captured by photosynthesis. Light is also captured by microbial rhodopsins, which use light energy to pump ions across the cell membrane. In the Chesapeake Bay, production of functional rhodopsins is associated with active heterotrophy during the day. The heterotrophs that rely on photosynthate for organic carbon may use the light-generated proton motive force to power membrane-associated processes such as active transport, enabling more efficient use of photosynthetic exudates. (Photo by Barbara J. Campbell, Clemson University.) (See related article at e00137-18.) (Copyright © 2018 American Society for Microbiology. All Rights Reserved.)

### SPOTLIGHT

#### Articles of Significant Interest in This Issue

e01071-18

### BIODEGRADATION

#### LaoABCR, a Novel System for Oxidation of Long-Chain Alcohols Derived from SDS and Alkane Degradation in *Pseudomonas aeruginosa*

e00626-18

Gianna Panasia, Bodo Philipp

### BIOTECHNOLOGY

#### Enzymatic Synthesis of 6'-Sialyllactose, a Dominant Sialylated Human Milk Oligosaccharide, by a Novel *exo-α*-Sialidase from *Bacteroides fragilis* NCTC9343

e00071-18

Longcheng Guo, Xiaodi Chen, Li Xu, Min Xiao, Lili Lu

#### Terminal Olefin Profiles and Phylogenetic Analyses of Olefin Synthases of Diverse Cyanobacterial Species

e00425-18

Tao Zhu, Thibault Scalvenzi, Nathalie Sassoon, Xuefeng Lu, Muriel Gugger

#### A Fungal P450 Enzyme from *Thanatephorus cucumeris* with Steroid Hydroxylation Capabilities

e00503-18

Wei Lu, Xi Chen, Jinhui Feng, Yun-Juan Bao, Yu Wang, Qiaqing Wu, Dunming Zhu

### ENVIRONMENTAL MICROBIOLOGY

#### The Catabolite Repressor/Activator Cra Is a Bridge Connecting Carbon Metabolism and Host Colonization in the Plant Drought Resistance-Promoting Bacterium *Pantoea alhagi* LTYR-11Z

e00054-18

Lei Zhang, Muhang Li, Qiqi Li, Chaoqiong Chen, Meng Qu, Mengyun Li, Yao Wang, Xihui Shen

#### Distribution and Diversity of Rhodopsin-Producing Microbes in the Chesapeake Bay

e00137-18

Julia A. Maresca, Kelsey J. Miller, Jessica L. Keffer, Chandran R. Sabanayagam, Barbara J. Campbell

#### Effects of PslG on the Surface Movement of *Pseudomonas aeruginosa*

e00219-18

Jingchao Zhang, Jing He, Chunhui Zhai, Luyan Z. Ma, Lichuan Gu, Kun Zhao

#### Regulation of the Synthesis and Secretion of the Iron Chelator Cyclodipeptide Pulcherriminic Acid in *Bacillus licheniformis*

e00262-18

Dong Wang, Yangyang Zhan, Dongbo Cai, Xiaoyun Li, Qin Wang, Shouwen Chen

- Cross Talk between Calcium and Reactive Oxygen Species Regulates Hyphal Branching and Ganoderic Acid Biosynthesis in *Ganoderma lucidum* under Copper Stress** e00438-18  
*Tan Gao, Liang Shi, Tianjun Zhang, Ang Ren, Ailiang Jiang, Hanshou Yu, Mingwen Zhao*
- Quantification of *Leptospira interrogans* Survival in Soil and Water Microcosms** e00507-18  
*Arnau Casanovas-Massana, Gabriel Ghizzi Pedra, Elsie A. Wunder, Jr., Peter J. Diggle, Mike Begon, Albert I. Ko*
- Serotype Diversity and Antimicrobial Resistance among *Salmonella enterica* Isolates from Patients at an Equine Referral Hospital** e02829-17  
*I. M. Leon, S. D. Lawhon, K. N. Norman, D. S. Threadgill, N. Ohta, J. Vinasco, H. M. Scott*
- ENZYMOLGY AND PROTEIN ENGINEERING**
- Mutant Variants of the Substrate-Binding Protein DppA from *Escherichia coli* Enhance Growth on Nonstandard  $\gamma$ -Glutamyl Amide-Containing Peptides** e00340-18  
*Tilmann Kuenzl, Xiaochun Li-Blatter, Puneet Srivastava, Piet Herdewijn, Timothy Sharpe, Sven Panke*
- Glycine Betaine Monooxygenase, an Unusual Rieske-Type Oxygenase System, Catalyzes the Oxidative *N*-Demethylation of Glycine Betaine in *Chromohalobacter salexigens* DSM 3043** e00377-18  
*Ya-Hui Shao, Li-Zhong Guo, Yu-Qing Zhang, Hao Yu, Bai-Suo Zhao, Hai-Qiang Pang, Wei-Dong Lu*
- An ATP-Dependent Ligase with Substrate Flexibility Involved in Assembly of the Peptidyl Nucleoside Antibiotic Polyoxin** e00501-18  
*Rong Gong, Jianzhao Qi, Pan Wu, You-Sheng Cai, Hongmin Ma, Yang Liu, He Duan, Meng Wang, Zixin Deng, Neil P. J. Price, Wenqing Chen*
- EVOLUTIONARY AND GENOMIC MICROBIOLOGY**
- Redefinition and Unification of the SXT/R391 Family of Integrative and Conjugative Elements** e00485-18  
*Audrey Bioteau, Romain Durand, Vincent Burrus*
- FOOD MICROBIOLOGY**
- Long-Term Survival and Thermal Death Kinetics of Enterohemorrhagic *Escherichia coli* Serogroups O26, O103, O111, and O157 in Wheat Flour** e00283-18  
*Fereidoun Forghani, Meghan den Bakker, Alexandra N. Futral, Francisco Diez-Gonzalez*
- Food Spoilage-Associated *Leuconostoc*, *Lactococcus*, and *Lactobacillus* Species Display Different Survival Strategies in Response to Competition** e00554-18  
*Margarita Andreevskaya, Elina Jääskeläinen, Per Johansson, Anne Ylinen, Lars Paulin, Johanna Björkroth, Petri Auvinen*
- Yeast Cell Wall Chitin Reduces Wine Haze Formation** e00668-18  
*Thulile Ndlovu, Benoit Divol, Florian F. Bauer*
- GENETICS AND MOLECULAR BIOLOGY**
- tuf* Gene Sequence Variation in *Bifidobacterium longum* subsp. *infantis* Detected in the Fecal Microbiota of Chinese Infants** e00336-18  
*Blair Lawley, Manuela Centanni, Jun Watanabe, Ian Sims, Susan Carnachan, Roland Broadbent, Pheng Soon Lee, Khai Hong Wong, Gerald W. Tannock*

## INVERTEBRATE MICROBIOLOGY

- Crown-of-Thorns Sea Star *Acanthaster cf. solaris* Has Tissue-Characteristic Microbiomes with Potential Roles in Health and Reproduction** e00181-18  
*Lone Høj, Natalie Levy, Brett K. Baillie, Peta L. Clode, Raphael C. Strohmaier, Nachshon Siboni, Nicole S. Webster, Sven Uthicke, David G. Bourne*

## MICROBIAL ECOLOGY

- Imidacloprid Decreases Honey Bee Survival Rates but Does Not Affect the Gut Microbiome** e00545-18  
*Kasie Raymann, Erick V. S. Motta, Catherine Girard, Ian M. Riddington, Jordan A. Dinser, Nancy A. Moran*
- Effects of Ceftiofur and Chlortetracycline on the Resistomes of Feedlot Cattle** e00610-18  
*Margaret D. Weinroth, H. Morgan Scott, Bo Norby, Guy H. Loneragan, Noelle R. Noyes, Pablo Rovira, Enrique Doster, Xiang Yang, Dale R. Woerner, Paul S. Morley, Keith E. Belk*
- A Repeating Sulfated Galactan Motif Resuscitates Dormant *Micrococcus luteus* Bacteria** e00745-18  
*Thomas Böttcher, Dávid Szamosvári, Jon Clardy*

## PHYSIOLOGY

- Investigating the Central Metabolism of *Clostridium thermosuccinogenes*** e00363-18  
*Jeroen Girwar Koendjibiarie, Kilian Wiersma, Richard van Kranenburg*
- Poly(3-Hydroxybutyrate) (PHB) Polymerase PhaC1 and PHB Depolymerase PhaZa1 of *Ralstonia eutropha* Are Phosphorylated *In Vivo*** e00604-18  
*Janina R. Juengert, Cameron Patterson, Dieter Jendrossek*

## PLANT MICROBIOLOGY

- Genomic Inference of Recombination-Mediated Evolution in *Xanthomonas euvesicatoria* and *X. perforans*** e00136-18  
*Mustafa O. Jibrin, Neha Potnis, Sujan Timilsina, Gerald V. Minsavage, Gary E. Vallad, Pamela D. Roberts, Jeffrey B. Jones, Erica M. Goss*

## PUBLIC AND ENVIRONMENTAL HEALTH MICROBIOLOGY

- Free-Chlorine Disinfection as a Selection Pressure on Norovirus** e00244-18  
*Andri Taruna Rachmadi, Masaaki Kitajima, Kozo Watanabe, Sakiko Yaegashi, Joeselle Serrana, Arata Nakamura, Toyoko Nakagomi, Osamu Nakagomi, Kazuhiko Katayama, Satoshi Okabe, Daisuke Sano*
- Vibrio* Ecology in the Neuse River Estuary, North Carolina, Characterized by Next-Generation Amplicon Sequencing of the Gene Encoding Heat Shock Protein 60 (*hsp60*)** e00333-18  
*Kelsey J. Jesser, Rachel T. Noble*
- Susceptibility of Methicillin-Resistant and -Susceptible *Staphylococcus aureus* Isolates of Various Clonal Lineages from Germany to Eight Biocides** e00799-18  
*Isa Adriana Kernberger-Fischer, Carsten Krischek, Birgit Strommenger, Ulrike Fiegen, Martin Beyerbach, Lothar Kreienbrock, Günter Klein, Corinna Kehrenberg*

**AUTHOR CORRECTION**

**Second Correction for Wertz et al., “Genomic and Physiological Characterization of the *Verrucomicrobia* Isolate *Geminisphaera colitermitum* gen. nov., sp. nov., Reveals Microaerophily and Nitrogen Fixation Genes”** e00952-18

*John T. Wertz, Eunji Kim, John A. Breznak, Thomas M. Schmidt, Jorge L. M. Rodrigues*