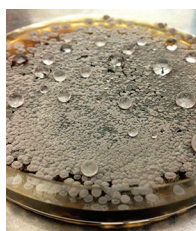


CONTENTS • DECEMBER 2018 • VOLUME 200, NO. 23

COVER IMAGE



*Cover photograph:* Under suitable culture conditions, bacteria in the genus *Streptomyces* produce hydrophobic thick-walled spores containing specialized metabolite biosynthetic gene clusters within the condensed unigenomic DNA. Spores of this fully sporulated *Streptomyces* sp. strain I-EHB-18 isolated from eastern honey bee (*Apis cerana*) are about to be harvested by simply adding sterile water onto the bacteria. Concentrated spore suspensions are useful as starting cultures for the production of microbial specialized metabolites and can be stably stored for several years in 20% glycerol. (Photo courtesy of Chompoonik Kanchanabanca, Chulalongkorn University, Bangkok, Thailand.) (Copyright © 2018 American Society for Microbiology. All Rights Reserved.)

SPOTLIGHT

Articles of Significant Interest in This Issue

e00594-18

RESEARCH ARTICLES

**CovR and VicRKX Regulate Transcription of the Collagen Binding Protein Cnm of *Streptococcus mutans***

e00141-18

*Livia Araújo Alves, Tridib Ganguly, Renata O. Mattos-Graner, Jessica Kajfasz, Erika N. Harth-Chu, José A. Lemos, Jacqueline Abranches*

**Multiple Flagellin Proteins Have Distinct and Synergistic Roles in *Agrobacterium tumefaciens* Motility**

e00327-18

*Bitan Mohari, Melene A. Thompson, Jonathan C. Trinidad, Sima Setayeshgar, Clay Fuqua*

**Regulatory Targets of the Response Regulator RR\_1586 from *Clostridioides difficile* Identified Using a Bacterial One-Hybrid Screen**

e00351-18

*Skyler D. Hebdon, Smita K. Menon, George B. Richter-Addo, Elizabeth A. Karr, Ann H. West*

**Genomic Sequencing of High-Efficiency Transducing Streptococcal Bacteriophage A25: Consequences of Escape from Lysogeny**

e00358-18

*Kimberly McCullor, Brandon Postoak, Maliha Rahman, Catherine King, W. Michael McShan*

**Coenzyme F<sub>420</sub>-Dependent Glucose-6-Phosphate Dehydrogenase-Coupled Polyglutamylation of Coenzyme F<sub>420</sub> in Mycobacteria**

e00375-18

*Endang Purwantini, Usha Loganathan, Biswarup Mukhopadhyay*

**Modulation of CrbS-Dependent Activation of the Acetate Switch in *Vibrio cholerae***

e00380-18

*Itai Muzhingi, Cecilia Prado, Mariame Sylla, Frances F. Diehl, Duy K. Nguyen, Mariah M. Servos, Stephany Flores Ramos, Alexandra E. Purdy*

**Surfing Motility: a Conserved yet Diverse Adaptation among Motile Bacteria**

e00394-18

*Evelyn Sun, Sijie Liu, Robert E. W. Hancock*

**Assembly Order of Flagellar Rod Subunits in *Bacillus subtilis***

e00425-18

*Andrew M. Burrage, Eric Vanderpool, Daniel B. Kearns*

**Connecting the Dots between Mechanosensitive Channel Abundance, Osmotic Shock, and Survival at Single-Cell Resolution**

e00460-18

*Griffin Chure, Heun Jin Lee, Akiko Rasmussen, Rob Phillips*

**Genotoxic, Metabolic, and Oxidative Stresses Regulate the RNA Repair Operon of *Salmonella enterica* Serovar Typhimurium** e00476-18

*Jennifer E. Kurasz, Christine E. Hartman, David J. Samuels, Bijoy K. Mohanty, Anquilla Deleveaux, Jan Mrázek, Anna C. Karls*

***Sinorhizobium meliloti* Chemoreceptor McpV Senses Short-Chain Carboxylates via Direct Binding** e00519-18

*K. Karl Compton, Sherry B. Hildreth, Richard F. Helm, Birgit E. Scharf*