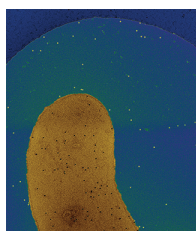


CONTENTS • FEBRUARY 2018 • VOLUME 201, NO. 4

COVER IMAGE



Cover photograph: Cryo-electron micrograph of an isolated *Streptomyces coelicolor* cell wall sacculus embedded in vitreous buffer. The dark and yellow round spots scattered across the image are colloidal gold particles that are used for image alignment procedures. (Courtesy of Eveline Ultee, Leiden University, Leiden, The Netherlands; reprinted with permission.)

SPOTLIGHT

Articles of Significant Interest in This Issue

e00753-18

RESEARCH ARTICLES

Molecular and Functional Insights into the Regulation of D-Galactonate Metabolism by the Transcriptional Regulator DgoR in *Escherichia coli*

e00281-18

Bhupinder Singh, Garima Arya, Neeladrita Kundu, Akshay Sangwan, Shachikanta Nongthombam, Rachna Chaba

MinC N- and C-Domain Interactions Modulate FtsZ Assembly, Division Site Selection, and MinD-Dependent Oscillation in *Escherichia coli*

e00374-18

Christopher J. LaBreck, Joseph Conti, Marissa G. Viola, Jodi L. Camberg

O-Antigen-Dependent Colicin Insensitivity of Uropathogenic *Escherichia coli*

e00545-18

Connor Sharp, Christine Boinett, Amy Cain, Nicholas G. Housden, Sandip Kumar, Keith Turner, Julian Parkhill, Colin Kleanthous

Barriers to 3-Hydroxypropionate-Dependent Growth of *Rhodobacter sphaeroides* by Distinct Disruptions of the Ethylmalonyl Coenzyme A Pathway

e00556-18

Steven J. Carlson, Angela Fleig, M. Kelsey Baron, Ivan A. Berg, Birgit E. Alber

Direct Interaction between the Two Z Ring Membrane Anchors FtsA and ZipA

e00579-18

Daniel E. Vega, William Margolin

DksA Controls the Response of the Lyme Disease Spirochete *Borrelia burgdorferi* to Starvation

e00582-18

William K. Boyle, Ashley M. Groshong, Dan Drecktrah, Julie A. Boylan, Frank C. Gherardini, Jon S. Blevins, D. Scott Samuels, Travis J. Bourret

The Core and Holoenzyme Forms of RNA Polymerase from *Mycobacterium smegmatis*

e00583-18

Tomáš Kouba, Jiří Pospíšil, Jarmila Hnilicová, Hana Šanderová, Ivan Barvík, Libor Krásný

SfnR2 Regulates Dimethyl Sulfide-Related Utilization in *Pseudomonas aeruginosa* PAO1

e00606-18

Benjamin R. Lundgren, Zaara Sarwar, Kyle S. Feldman, Joseph M. Shoytush, Christopher T. Nomura

Identification and Verification of Ubiquitin-Activated Bacterial Phospholipases

e00623-18

Maxx H. Tessmer, David M. Anderson, Adam M. Pickrum, Molly O. Riegert, Dara W. Frank

28 January 2019

- A LysM Domain Intervenes in Sequential Protein-Protein and Protein-Peptidoglycan Interactions Important for Spore Coat Assembly in *Bacillus subtilis*** e00642-18
Fatima C. Pereira, Filipa Nunes, Fernando Cruz, Catarina Fernandes, Anabela L. Isidro, Diana Lousa, Cláudio M. Soares, Charles P. Moran, Jr., Adriano O. Henriques, Mónica Serrano
- Regulatory Effect of SlyA on *rcsB* Expression in *Salmonella enterica* Serovar Typhimurium** e00673-18
María F. Ballesteros, Mónica F. Torrez Lamberti, Juan V. Farizano, María M. Pescaretti, Mónica A. Delgado
- Phosphorylation at the D53 but Not the T65 Residue of CovR Determines the Repression of *rgg* and *speB* Transcription in *emm1*- and *emm49*-Type Group A Streptococci** e00681-18
Chuan Chiang-Ni, Chih-Yuan Kao, Chih-Yun Hsu, Cheng-Hsun Chiu