



AMERICAN
SOCIETY FOR
MICROBIOLOGY

Journal of
Bacteriology®

CONTENTS • NOVEMBER 2018 • VOLUME 200, NO. 21

COVER IMAGE



Cover photograph: Composite image of a scanning electron micrograph of *Campylobacter jejuni* on a 0.1- μ m filter, a photograph of copper sulfate, and a photograph of *C. jejuni* on blood agar. (Micrograph courtesy of Valerie Lapham, North Carolina State University, Raleigh, NC; artwork by Elizabeth Poston, Portland, OR.) (See related article at e00208-18.) (Copyright © 2018 American Society for Microbiology. All Rights Reserved.)

SPOTLIGHT

Articles of Significant Interest in This Issue

e00518-18

RESEARCH ARTICLES

Interaction of Copper Toxicity and Oxidative Stress in *Campylobacter jejuni*

e00208-18

Susan P. Gardner, Jonathan W. Olson

An Orphan MbtH-Like Protein Interacts with Multiple Nonribosomal Peptide Synthetases in *Myxococcus xanthus* DK1622

e00346-18

Karla J. Esquilín-Lebrón, Tye O. Boynton, Lawrence J. Shimkets, Michael G. Thomas

The Rnf Complex Is an Energy-Coupled Transhydrogenase Essential To Reversibly Link Cellular NADH and Ferredoxin Pools in the Acetogen *Acetobacterium woodii*

e00357-18

Lars Westphal, Anja Wiechmann, Jonathan Baker, Nigel P. Minton, Volker Müller

The *Vibrio* H-Ring Facilitates the Outer Membrane Penetration of the Polar Sheathed Flagellum

e00387-18

Shiwei Zhu, Tatsuro Nishikino, Seiji Kojima, Michio Homma, Jun Liu

Sycrp2 Is Essential for Twitching Motility in the Cyanobacterium *Synechocystis* sp. Strain PCC 6803

e00436-18

Wei-Yu Song, Sha-Sha Zang, Zheng-Ke Li, Guo-Zheng Dai, Ke Liu, Min Chen, Bao-Sheng Qiu

Characterization of the Widely Distributed Novel ECF42 Group of Extracytoplasmic Function σ Factors in *Streptomyces venezuelae*

e00437-18

Qiang Liu, Daniela Pinto, Thorsten Mascher