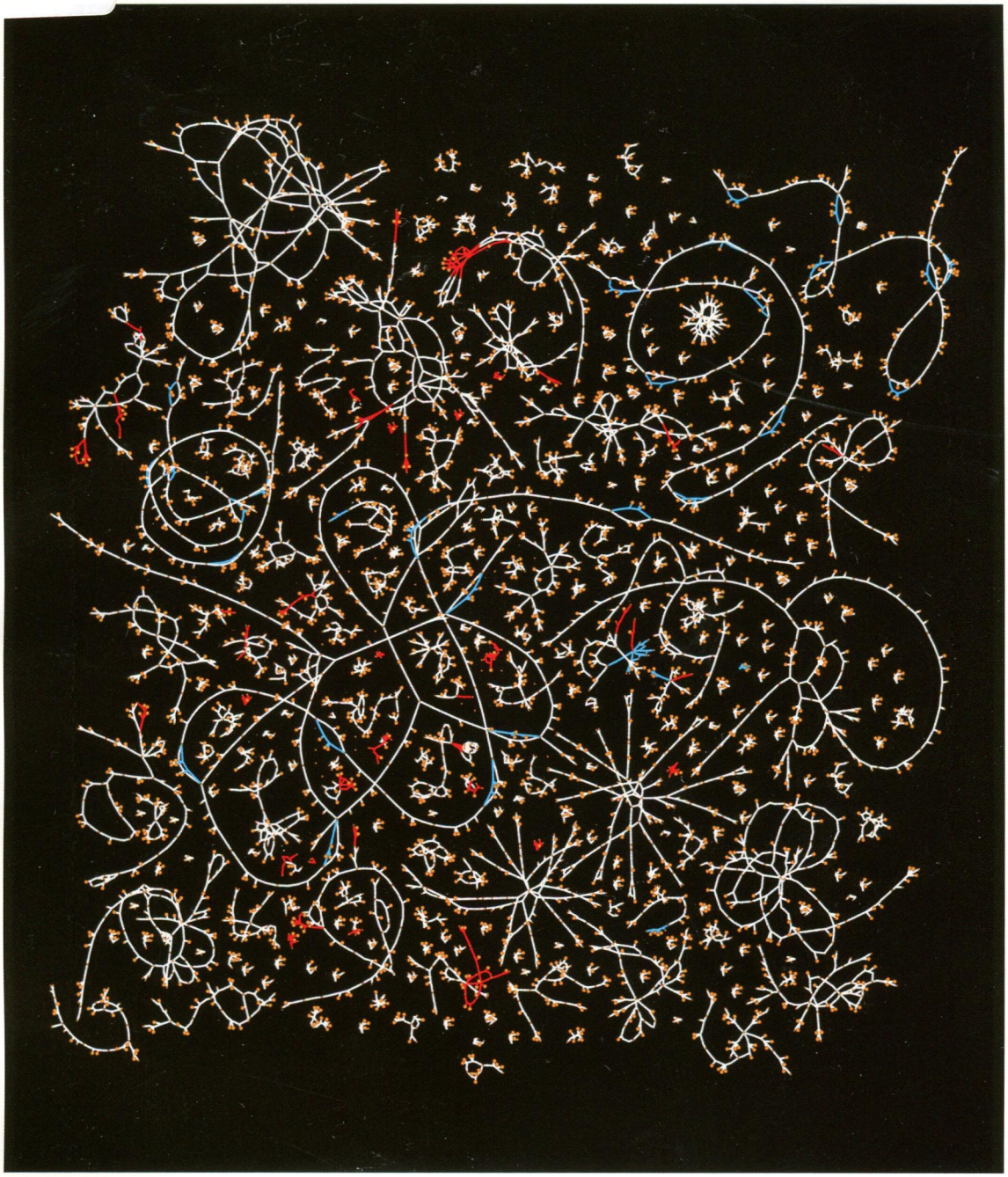

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TABLE OF CONTENTS

ARTICLES

Instructions to Authors are available at http://journalitas.asm.org/t/49543.

Continued on following page

Continued from preceding page

Continued on following page

Continued from preceding page

Cover photograph (Copyright © 2014, American Society for Microbiology. All Rights Reserved.): *Burkholderia cenocepacia* and *Burkholderia multivorans* are multidrug-resistant, opportunistic Gram-negative pathogens. Mechanisms underlying differing clinical outcomes are poorly understood. Because of their large metabolic gene reservoir, reconciled genome-scale metabolic reconstructions were created to compare virulence-related metabolic pathways, capabilities to adapt to growth in the cystic fibrosis lung, and potential metabolic targets for therapeutic intervention. This visualization of reactions (lines) and associated metabolites (circles) of the two networks indicates the scope of metabolic reactions that are common (gray) or unique to *B. cenocepacia* (red) or *B. multivorans* (blue). (*See related article on page 210.*)