

ADVANCES IN MICROBIAL PHYSIOLOGY

EDITED BY ROBERT K POOLE

C O N T E N T S

The biochemistry, physiology and genetics of PQQ and PQQ-containing enzymes. *P M Goodwin and C Anthony*

Molecular Phylogeny as a Basis for the Classification of Transport Proteins from Bacteria, Archaea and Eukarya. *Milton H Saier, Jr.*

The Physiology and Metabolism of the Human Gastric Pathogen *Helicobacter pylori*. *David J Kelly*

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Energetics of Alkaliphilic *Bacillus* Species: Physiology and Molecules. *Terry Ann Krulwich, Masahiro Ito, Raymond Gilman, David R. H. and Arthur A Guffanti*

Cover illustration: PQQ together with the structure of glucose dehydrogenase in which it is the prosthetic group. The structure of alcohol dehydrogenase (top left) and glucose dehydrogenase (bottom left) are discussed in the review by Goodwin & Anthony in this volume. Photograph courtesy of C Anthony.

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