

## ADVANCES IN MICROBIAL PHYSIOLOGY

EDITED BY ROBERT K POOLE

## C O N T E N T S

Oxygen, Cyanide, and Energy Generation in the Cystic Fibrosis Pathogen  
*Pseudomonas aeruginosa*

Huw D. Williams, James E. A. Zlosnik and Ben Ryall

Structure, Mechanism and Physiological Roles of Bacterial Cytochrome *c* Peroxidases  
John M. Attack and David J. Kelly

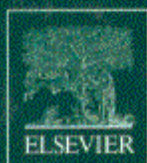
Respiratory Transformation of Nitrous Oxide ( $N_2O$ ) to Dinitrogen by Bacteria and  
Archaea

Walter G. Zumft and Peter M. H. Kroneck

Cyanobacterial Clocks

Stan Williams

The illustrations show (clockwise from top left) the biogeochemical nitrogen cycle, the overall structure of the  $N_2O$  reductase homodimer from *Pa. denitrificans*, a view of the  $Cu_A$  electron transfer center and the catalytic center  $Cu_Z$ , and two valence bond resonance forms of  $N_2O$ .



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