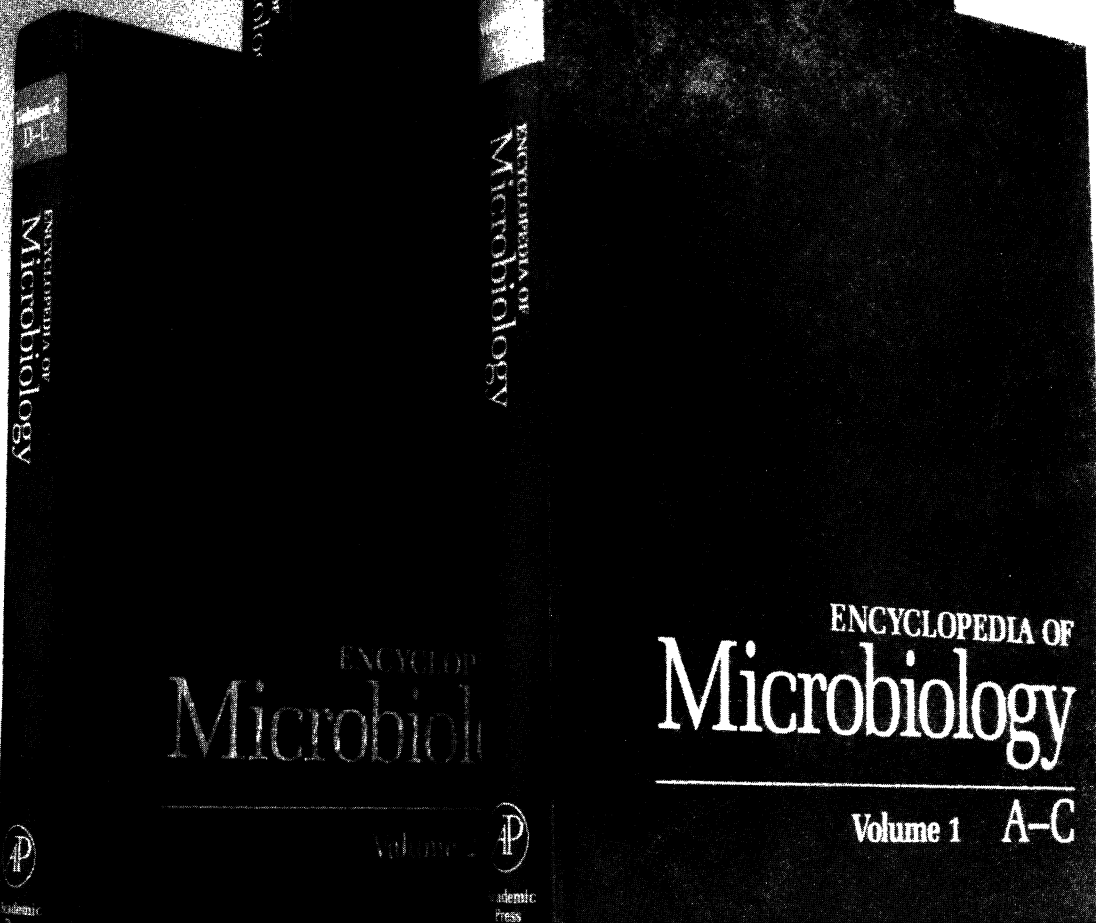


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## CONTENTS

Microbial Cell Surface Hydrophobicity: History, Measurement, and Significance (*M. Rosenberg and Doyle*); Nature of the Hydrophobic Effect (*Duncan-Hewitt*); Microbial Hydrophobicity and Fermentation Technology (*Mozes and Rouxhet*); Role of Hydrophobic Interactions in Microbial Adhesion to Plastics Used in Medical Devices (*Klotz*); Hydrophobicity of Proteins and Bacterial Fimbriae (*Irvin*); Adhesion of Bacteria to Plant Cells (*Smit and Stacey*); Hydrophobicity in the Aquatic Environment (*Bar-Or*); Changes in Bacterial Surface Hydrophobicity during Morphogenesis and Differentiation (*E. Rosenberg and Sar*); Cell Surface Hydrophobicity of Medically Important Fungi, especially *Candida* Species (*Hazen*); Significance of Hydrophobicity in the Adhesiveness of Pathogenic Gram-Negative Bacteria (*Lachica*); Hydrophobic Characteristics of Staphylococci (*Wadstrom*); Relative Importance of Surface Free Energy as a Hydrophobicity Measure in Bacterial Adhesion to Solid Surfaces (*Busscher, Sjollem, and van der Mei*); Hydrophobicity of Group A Streptococci and Its Relationship to Adhesion of Streptococci to Host Cells (*Courtney, Hasty, and Ofek*); Hydrophobicity of Oral Bacteria (*Doyle, M. Rosenberg, and Drake*)

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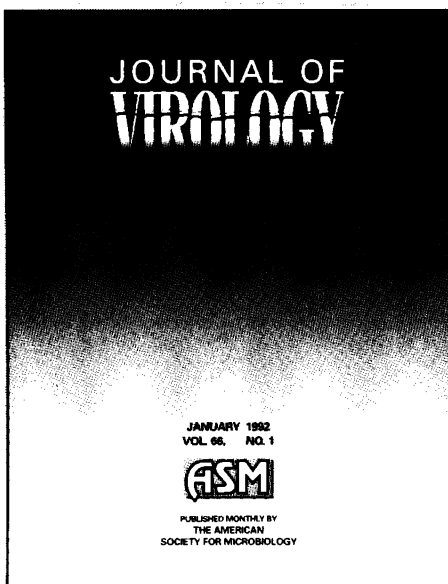
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