

CONTENTS

List of Contributors	6
J.Th.G. OVERBEEK: Birth, Life and Death of Colloids	9
T. KUNITAKE: Structural Relationships Between Monomeric Surfactants and Their Aggregates	34
J. LYKLEMA: Adsorption of Polyelectrolytes and Their Effect on the Interaction of Colloid Particles	55
G.H. FINDENEGB: Thermodynamic and Molecular Aspects of Wetting in Oil-Water-Hydrophobic Substrate Systems	74
H. KUHN: Reactions at Organized Interfaces	97
A. HENGLEIN: Catalysis of Chemical Reactions by Colloidal Metals and Semiconductors	126
J.T. TIDY: Concentrated Surfactant Systems	148
R.J. HUNTER: Rheological and Sedimentation Behaviour of Strongly Interacting Colloidal Systems	184
R.J. HUNTER: Characterization of Electrically Charged Colloidal Particles	203
G.G. SHIPLEY: Phospholipid Structure, Properties and Interactions	221
D.C. WILEY & J.J. Skehel: The Membrane Fusion Activity of the Influenza Virus Haemagglutinin Glycoprotein	231
C. NICOLAU, A. Legrand & E. Grosse: Liposomes as Carriers for In Vivo Transfer and Expression of the Insuline Gene	240
J. SEELIG: Magnetic Resonance of Membranes and Micelles	261
D.M. ENGELMAN: Uses of X-Ray and Neutron Solution Scattering in Membrane Structural Studies	274
W. KAENZIG: Quasi-Elastic Light Scattering - A Powerful Tool in Chemistry and Biology	299