Record Nr. UNINA9910144656503321 Adhesion and microorganism pathogenicity [[electronic resource] /] / **Titolo** [editors: Katherine Elliott, Maeve O'Connor and Julie Whelan] Pubbl/distr/stampa London, : Pitman Medical Summit, N.J., : Distributed in North America by CIBA Pharmaceutical, 1981 **ISBN** 1-280-78397-4 9786613694362 0-470-72063-8 0-470-71831-5 Descrizione fisica 1 online resource (358 p.) Collana Ciba Foundation symposium;; 80 Altri autori (Persone) ElliottKatherine O'ConnorMaeve WhelanJulie Disciplina 576.118 576/.118 Soggetti Adhesion Bacteria - Pathogenesis Viruses - Pathogenesis Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia "Symposium on Adhesion and microorganism pathogenicity held at the Note generali Ciba Foundation, London, 13-15 May 1980"--Contents page. Nota di bibliografia Includes bibliographical references and indexes. Nota di contenuto Adhesion and microorganism pathogenicity; Contents; Introduction; Attachment of mycoplasmas to inert surfaces; Discussion; Adhesion properties of Entamoeba histolytica; Discussion; Mechanisms of association of bacteria with mucosal surfaces; Discussion; The mechanism of entry of viruses into plant protoplasts; Discussion; Models for studying the adhesion of enterobacteria to the mucosa of the human intestinal tract; Discussion; Short communication; An in vivo model for studying adherence of intestinal pathogens: Discussion:

Adhesion of mycoplasmas to eukaryotic cells; Discussion

Bacterial adherence to cell surface sugarsDiscussion; Adhesion of enterotoxigenic Escherichia coli in humans and animals; Discussion; Adhesion of Escherichia coli in urinary tract infection; Discussion;

Adhesion of Neisseria gonorrhoeae and disease; Discussion; Invasion of erythrocytes by malaria merozoites: evidence for specific receptors involved in attachment and entry; Discussion; Plasmodial modifications of erythrocyte surfaces; Discussion; Interaction of chlamydiae with host cells and mucous surfaces; Discussion; General Discussion Glycolipids in receptor assays

Functions of surface glycoproteins of myxoviruses and paramyxoviruses and their inhibitionDiscussion; effect of inhibitors on glycoprotein biosynthesis and bacterial adhesion; Discussion; Sublethal concentrations of antibiotics and bacterial adhesion; Discussion; Final general discussion; Streptococcal adherence; Terminology; Receptors; Other factors affecting adhesion; Models; Clinical implications; Closing remarks; Index of contributors; Subject index