Magnus Höök, PhD

Center for Infectious and Inflammatory Diseases, Institute for Biosciences and Technology
Texas A&M Health Science Ctr

The wonderful world of MSCRAMMs

The MSCRAMMs constitute a family of structurally related proteins found on the surface of most Gram positive pathogenic bacteria. Here the MSCRAMMs, which find themselves at the interface between the microorganism and the host, are designed to interact with different but specific target proteins in the host. As a result, MSCRAMMs can mediate bacterial attachment to host tissues and invasion of host cells but also manipulate the host antimicrobial defense systems. Thus, MSCRAMMs are critical virulence factors in different infections and attractive targets in novel antimicrobial therapeutic strategies. The past, presence and future of MSCRAMM research will be discussed from a molecular perspective.

Keck Seminar

Friday, Sept 28, 4pm

BioScience Research Collaborative

BRC Room 280

Gulf Coast Consortia
QUANTITATIVE BIOMEDICAL SCIENCES

The Gulf Coast Consortia is a collaboration of:
Rice University | Baylor College of Medicine | University of Houston | University of Texas Health Science Center at Houston
University of Texas Medical Branch at Galveston | University of Texas MD Anderson Cancer Center
Institute of Biosciences & Technology at Texas A&M Health Science Center

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