

CPB 69700 RESEARCH SEMINAR

DEPARTMENT OF COMPARATIVE PATHOBIOLOGY

Invited Speaker:

Roman Dziarski, Ph.D.
Professor of Microbiology and Immunology
Indiana University School of Medicine – Northwest
Gary, Indiana

“PGRPs: Innate Immunity Antibacterial Proteins And Modulators Of Inflammation”

Thurs., October 8, 2009
VPTH 112
3:30 pm

Abstract:

PGRPs (Peptidoglycan Recognition Proteins) are innate immunity proteins that are conserved from insects to mammals. They recognize bacterial peptidoglycan and function in antibacterial immunity. Mammals have four PGRPs and the presentation will focus on our research on the discovery of mammalian PGRPs and on their function in innate immunity against bacteria. The talk will also present our recent data on the role of PGRPs in the modulation of innate immunity and inflammation.