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Nota di contenuto	""COLLOQUIUM ON Virulence and Defense in Host-Pathogen Interactions: Common Features Between Plants and Animals""; ""Contents""; ""Introduction""; ""Colloquium Striking a balance: Modulation of the actin cytoskeleton by Salmonella""; ""THE CENTISOME 63 TYPE III SECRETION SYSTEM: SALMONELLA'S KEY TO ENTER INTO HOST CELLS""; ""REVVING UP RHO GTPASES: SIGNALING FOR ENTRY AND BEYOND""; ""DOWNSTREAM SIGNALING: EFFECTORS OF CDC42 AND RAC-1 FUNCTION""; ""FINE-TUNING THE ACTIN CYTOSKELETON REARRANGEMENTS: THE ROLE OF THE ACTIN-BINDING PROTEIN SIPA"" ""PUTTING ON THE BRAKES: A LESSON ON SELF-RESTRAINT"" ""LESSONS LEARNED FROM SALMONELLA""; ""Colloquium Structure and function of pectic enzymes: Virulence factors of plant pathogens""; ""DIFFERENCE IN OUTER BARRIERS OF PLANT AND MAMMALIAN CELLS""; ""DEGRADATIVE ENZYMES OF PLANT CELL WALL COMPONENTS"";

""THREE-DIMENSIONAL STRUCTURES OF PLANT CELL WALL DEGRADATIVE ENZYMES""; ""STRUCTURAL APPROACHES TO THE ELUCIDATION OF THE ENZYMATIC MECHANISM OF PELC""; ""STRUCTURE OF THE PELC R218K-(CA2+)4-PENTAGALPA COMPLEX""; ""SIGNIFICANCE OF MULTIPLE ISOZYMES FOR PATHOGENESIS"" ""MODEL OF THE PLB-MGALPA4 COMPLEX"" ""CONCLUSIONS""; ""METHODS""; ""Colloquium Pseudomonas syringae Hrp type III secretion system and effector proteins""; ""HOPPSYA, PHIR11, AND THE MINIMUM GENETIC UNIT FOR BACTERIAL ELICITATION OF THE HYPERSENSITIVE RESPONSE""; ""FUNCTIONS OF HRP SYSTEM COMPONENTS""; ""THE TRIPARTITE MOSAIC STRUCTURE OF THE P. SYRINGAE HRP PAI""; ""AN EEL MAKES A SMALL CONTRIBUTION TO PARASITIC FITNESS""; ""THE CEL IS IMPORTANT FOR PATHOGENICITY""; ""HRPK AND CEL ORF1""; ""EFFECTOR PROTEIN SECRETION AND A UNIVERSAL TYPE III TARGETING SIGNAL""; ""CONCLUSIONS"" ""Colloquium Molecular and cell biology aspects of plague"" ""A DEVICE TO INJECT BACTERIAL PROTEINS ACROSS EUKARYOTIC CELL MEMBRANES""; ""EFFECTOR YOPS AND HOST RESPONSE""; ""Colloquium A framework for interpreting the leucine-rich repeats of the Listeria internalins ""; ""INTERNALIN FAMILY""; ""INTERNALIN LRR""; ""LRR FLANKING SEQUENCES""; ""LRR PATTERN: STRUCTURAL RESIDUES""; ""LRR PATTERN: FUNCTIONAL RESIDUES""; ""Colloquium Acyl-homoserine lactone quorum sensing in Gram-negative bacteria: A signaling mechanism involved in associations ""; ""OVERVIEW OF ACYL-HSL QUORUM SENSING"" ""QUORUM SENSING IN P. AERUGINOSA"" ""REGULATION OF VIRULENCE BY QUORUM SENSING IN P. AERUGINOSA""; ""BIOFILMS AND QUORUM SENSING""; ""FUTURE CHALLENGES""; ""Colloquium Phenotypic variation and intracellular parasitism by Histoplasma capsulatum""; ""MODULATION OF I<sup>2</sup>-(1,3)-GLUCAN IN THE CELL WALL""; ""CALCIUM AND INTRACELLULAR PARASITISM""; ""REGULATION OF CBP""; ""HISTOPLASMA AS A MODEL SYSTEM""; ""Colloquium Exploitation of host cells by enteropathogenic Escherichia coli""; ""CLINICAL SYMPTOMS AND PATHOLOGY""; ""THE LOCUS OF ENTEROCYTE EFFACEMENT""; ""LOCALIZED EPEC ADHERENCE TO EPITHELIAL CELLS""

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