

Microbial Pathogenesis & Host Response

Session 1 INTRACELLULAR BIOLOGY

WEDNESDAY 9/14/2005, 7:30 PM

D. Holden

<u>#</u>	<u>Iname</u>	<u>Title</u>	<u>Talk Length</u>
1	Hackstadt	Subversion of the eukaryotic host cell by <i>C. trachomatis</i>	30
2	Andrews	A lysosome-mediated innate defense mechanism against membrane-damaging	30
3	Holden	Interactions between <i>Salmonella</i> and the endocytic and secretory pathways	30
4	Celli	A role for autophagy in the intracellular cycle of <i>F. tularensis</i>	12
5	Valdivia	A genome-wide functional analysis of <i>C. trachomatis</i> proteins reveals an essential role for eukaryotic lipid droplets in infection	12

Session 2 MICROBIAL SURFACES

THURSDAY 9/15/2005, 9:00 AM

W. Goldman

<u>#</u>	<u>Iname</u>	<u>Title</u>	<u>Talk Length</u>
6	Caparon	Secretion of virulence proteins in <i>S. pyogenes</i>	30
7	Mitchell	A lysis-reuptake mechanism for the cell surface expression of the <i>S. mitis</i> platelet binding proteins PblA and PblB	12
8	Zupancic	Adherence properties of a family of lectins in <i>C. glabrata</i>	12
9	Goldman	Phase-specific genes and virulence of <i>H. capsulatum</i>	30
10	Srivastava	<i>B. burgdoerferi</i> auto-aggregation—A clarion call for leaving the tick and invading the mammal	12
11	Cobb	T cell activating glycans—How do they do that?	30
12	Cotter	Roles of N- and C-terminal processing in maturation and release of filamentous hemagglutinin in <i>Bordetella</i>	12

Session 3 POSTER SESSION I

THURSDAY 9/15/2005, 2:00 PM

<u>#</u>	<u>Iname</u>	<u>Title</u>	<u>Talk Length</u>
13	Adonizio	Anti-quorum sensing activity of South Florida medicinal plants	
14	Affolter	Quorum sensing controls the synthesis of cyclic $\beta(1, 2)$ -glucan in <i>S. meliloti</i>	
15	Allen	The effect of low-shear stress on adherent-invasive <i>E. coli</i> physiology and virulence potential	
16	Almengor	Mga is necessary and sufficient to activate transcription in vitro of Mga-regulated genes in the group A streptococcus	

- 17 Arnaud The *Candida* Genome Database (CGD)—*C. albicans* sequences, curated gene information, and community resources
- 18 Averhoff Specificity of neutrophil elastase for virulence factors
- 19 Backert NF- κ B activation and potentiation of proinflammatory responses by the *H. pylori* CagA protein
- 20 Salama Identification of genes required to establish stomach infection by *H. pylori* using microarray tracking of transposon mutants (MATT)
- 21 Barocchi A pneumococcal pilus influences virulence and host inflammatory responses
- 22 Battle Characterization of the variable genomic regions of a highly virulent strain of *P. aeruginosa*
- 23 Biedzka-Sarek Complement resistance mechanisms of *Y. enterocolitica* O:3
- 24 Bischof Cellular defense mechanisms of *C. elegans* against *B. thuringiensis* pore-forming crystal toxins
- 25 Boyle *S. typhimurium* effectors SopB, SopE, SopE2, and SipA are responsible for disruption of tight junction structure and function
- 26 Braff Cathelicidin production by epithelial cells provides direct antimicrobial defense against bacterial skin infection
- 27 Burdette Characterization of VP1680, a novel effector protein from *V. parahaemolyticus*
- 28 Burrack Identification of host factors involved in the vacuolar biology of *L. monocytogenes* infection
- 29 Candas Cry1Ab toxin of the entomopathogenic bacterium *B. thuringiensis* induces necrotic cell death by provoking a cAMP/PKA signaling pathway
- 30 Cardona Transposon mutants of *B. cenocepacia* K56-2 that are attenuated for pathogenicity in *C. elegans*
- 31 Carlsson Involvement of the bacterial envelope stress sensor, CpxA, in *Y. pseudotuberculosis* type III secretion
- 32 Carroll Regulation of SPI-2 genes and expression of SsrB under SPI-2 inducing and non-inducing conditions
- 33 Castillo Using rivet to identify *H. pylori* genes induced in response to the host
- 34 Cathelyn Defining the RovA regulon and its contribution to virulence in *Y. pestis*
- 35 Cegelski Tinkering with curli amyloid fiber assembly—Inhibitors, insights, and implications
- 36 Cerda Genes involved in *V. cholerae* resistance to bile
- 37 Chen Evolutionary significance of chromosomal super-integrations in *V. vulnificus* strains
- 38 Clements An *msbB* mutant of *K. pneumoniae*
- 39 Coers Differences in susceptibility among inbred mouse strains to chlamydia infection in
- 40 Covacci CagA of *H. pylori* acts at the very early stage of promotion in MDCK monolayers

41	Craig	Determining the target of phagocytic superoxide in <i>S. typhimurium</i>
42	Criss	Infection of human polymorphonuclear leukocytes by <i>N. gonorrhoeae</i>
43	Dao	Elucidating determinants of <i>M. tuberculosis</i> that repress IL-12 production by macrophages
44	Davis	Mds3p, an inhibitor of the colony morphology phenotypic switching system in <i>C. albicans</i> , appears to function in gene silencing
45	de la Rosa	Persistent antibody production occurs in the lung after secondary immunization with pneumococcal polysaccharide (PPS) vaccine
46	Derre	High-throughput RNAi screen in <i>Drosophila</i> cells to identify host factors involved in <i>Chlamydia</i> pathogenesis
47	Donahue-Conant	Bypassing nature—Centrifugation and bacterial invasion
48	Donegan	<i>mazEF</i> 's role and regulation in the sigB operon of <i>S. aureus</i>
49	Du	Studies of genes regulated by RpoH upon host cell contact in <i>N. gonorrhoeae</i>
50	Dudley	The plasmid-encoded enteroaggregative <i>E. coli</i> transcriptional regulator AggR activates expression of a secreted protein encoded on the pheU pathogenicity
51	Duran-Pinedo	The RprY response regulator of <i>P. gingivalis</i>
52	Dersch	Bacterial and cellular determinants that are critical for YadA-promoted invasion of <i>Y. pseudotuberculosis</i> into human cells
53	Eliasson	<i>S. pyogenes</i> enhances production of the antimicrobial CXC-chemokine MIG in IFN- γ activated pharyngeal epithelial cells
54	Ellermeier	Environmental regulation of the SPI1 type three secretion system regulators HilC, HilD, and RtsA in <i>S. enterica</i> serovar typhimurium
55	Fisher	Dissecting the role of lethality of <i>C. perfringens</i> type B and C toxins using a mouse intravenous injection model
56	Fisher	Modeling pneumonic plague in with <i>Y. pseudotuberculosis</i> implicates PhoP and YopH as important virulence factors
57	Fleckenstein	Identification of a two-partner secretion system in enterotoxigenic <i>E. coli</i>
58	Gal-Mor	Assessing the role of the temperature-sensing coiled-coil protein TlpA in the virulence of <i>S. enterica</i> serovar typhimurium
59	Rhoades	Investigating the role of neutrophils in a trehalose mycolate-induced pyogranulomatous response to mycobacterial cell wall lipids
60	Geissler	Analysis of the autolysins of <i>L. monocytogenes</i> reveals an endopeptidase essential for growth and a lytic transglycosylase involved in motility and flagellum
61	Ghosh	Deletion of the amino terminus of SPN uncouples it from cytolysin-mediated
62	Go	Self-association of the transmembrane domain of an anthrax toxin receptor
63	Goldman	Differential lipid A myristoylation of <i>S. flexneri</i> in response to magnesium

64	Golubeva	Transcriptional regulation of <i>S. enterica</i> serovar typhimurium <i>sodCI</i> and <i>sodCII</i> genes
65	Gusarov	NO-mediated cytoprotection—Instant adaptation to oxidative stress in bacteria
66	Gutekunst	Protein ligands of <i>P. gingivalis</i> gingipain adhesin peptides
67	Koehler	<i>cis</i> -acting control regions of the anthrax toxin gene promoters
68	Hamm	Use of the zebrafish embryo model to examine the organ-specific effects of bacterial
69	Hammer	Identifying novel <i>V. cholerae</i> quorum sensing system components
70	Han	Structure-functional analysis of a novel adhesin unique to oral fusobacteria
71	Handfield	Transcriptional profiling of epithelial cells interacting with oral microbiota
72	Hang	<i>S. typhimurium</i> prevents degradation within LAMP-1 ⁺ compartments of macrophages by inhibiting lysosomal cysteine protease activity
73	Hefty	The operon structure and <i>cis</i> -acting regulatory elements of the chlamydial type III secretion system
74	Heise	Different virulence properties are attributable to highly homologous YadA proteins of <i>Y. pseudotuberculosis</i> and <i>Y. enterocolitica</i>
75	Heroven	Regulatory proteins implicated in the regulation of invasins in <i>Y. pseudotuberculosis</i>
76	Hienonen	The use of a type III secretion component in a biotechnical application
77	Ho	AcfO is required for EHEC A/E lesion formation on HeLa cells
78	Hunstad	Mutation in <i>surA</i> abolishes virulence in uropathogenic <i>E. coli</i>
79	Ijdo	<i>A. phagocytophilum</i> AnkA contains EPIYA motifs that are phosphorylated by host cell Src kinase early during infection
80	Jain	Coordinate synthesis and export of lipid virulence factors in <i>M. tuberculosis</i>
81	Johansson	The protein expression of <i>S. pyogenes</i> is significantly influenced by human plasma
82	Jude	Genetic transinteraction analysis of the mechanism of TCP mediated autoagglutination and microcolony formation in <i>V. cholerae</i>
83	Juris	Unraveling the mechanism of anthrax toxin translocation—Traversing the membrane one by one
84	Justice	SulA is essential for persistence of uropathogenic <i>E. coli</i> in the bladder
85	Keeney	Utilization of host specific lipopeptide by <i>L. monocytogenes</i>
86	Kierbel	The phosphoinositol-3-kinase-AKT pathway is critical for <i>P. aeruginosa</i>
87	Kiljunen	LPS of <i>Y. pestis</i> is the receptor for bacteriophage ϕ A1122
88	Rhee	Cytotoxic mechanisms of <i>V. vulnificus</i> Rtx toxin—Role of map kinase activation and calcium influx
89	Kinhikar	The <i>M. tb</i> malate synthase is an anchorless adhesin binding to laminin and

90	Kinkel	Direct regulation of the Mga regulon through the catabolite control protein A
91	Kizy	Trolling for <i>S. pyogenes</i> virulence genes using a zebrafish host model
92	Kleba	<i>Chlamydia</i> circumvent vacuolar isolation by acquiring compounds directly from cell cytosol
93	Fox	Surface-associated binding of <i>C. neoformans</i> to plasminogen—A role for cell wall proteins in pathogenesis
94	Muhlschlegel	The adenylyl cyclases from <i>C. albicans</i> and <i>Cryptococcus neoformans</i> are CO ₂ sensors that integrate cAMP signaling and virulence
95	Knight	Theft of iron from transferrin by the opportunistic fungal pathogen <i>C. albicans</i>
96	Koehler	IncB from <i>C. pneumoniae</i> interacts with a eukaryotic receptor like protein
97	Kong	Coregulation of antibiotic resistance, alginate production, and quorum sensing in <i>P. aeruginosa</i>
98	Slauch	Probing the unique physical properties of SodCI, the periplasmic Cu/Zn superoxide dismutase of <i>S. typhimurium</i>
99	Kumar	DNA repair in mycobacteria

Session 4 HOST RESPONSES

THURSDAY 9/15/2005, 7:00 PM

S. Levitz

<u>#</u>	<u>Iname</u>	<u>Title</u>	<u>Talk Length</u>
100	Hawn	Immunogenetic studies of toll-like receptors and the pulmonary innate immune response to intracellular pathogens	30
101	Molofsky	Naip5+ murine macrophages detect flagellate <i>L. pneumophila</i> to restrict infection	12
102	Raffatellu	The Vi capsular antigen of <i>S. typhi</i> and its role in intestinal immune evasion	12
103	Logsdon	Systemic colonization by <i>Y. pseudotuberculosis</i> correlates with increased intestinal inflammation and inhibition of <i>yop</i> mutant survival in the intestinal tract	12
104	Levitz	Immunity to the pathogenic fungus <i>C. neoformans</i> —A tale of two sugars	30
105	Griffen	A quantitative, molecular view of oral biofilm communities in health and disease	12
106	Ferrandon	Dual detection of fungal infections in <i>Drosophila</i> by recognition of microbial structures and sensing of virulence factors	12
107	Allen	The <i>H. pylori</i> type IV secretion system regulates the rate and extent of bacterial entry into macrophages	12
108	Chun	Do beneficial and pathogenic animal-bacterial associations share the same molecular language?	12

Session 5 TOXIN/EFFECTOR DELIVERY AND FUNCTION

FRIDAY 9/16/2005, 9:00 AM

P. Schlievert

<u>#</u>	<u>Iname</u>	<u>Title</u>	<u>Talk Length</u>
109	Ballard	Elucidating the cardiotoxicity of <i>C. difficile</i> TcdB using a zebrafish embryo model	12
110	Wall	The <i>S. typhimurium</i> effector protein SipA possesses two discrete functional domains for invasion and inflammation	12
111	Knodler	The <i>Salmonella</i> effector PipB2 affects late endosome/lysosome distribution to mediate Sif extension	12
112	Dussurget	Translation elongation factor EF-Tu is a target for Stp, a serine-threonine phosphatase involved in virulence of <i>L. monocytogenes</i>	12
113	Schlievert	Superantigen penetration of mucosa	30
114	Davis	Role of the <i>Y. pseudotuberculosis</i> YscF protein in Yops translocation	12
115	Garbom	Translational control of Yop expression	12
116	Edqvist	Characterization of the tetratricopeptide repeats in class II chaperones— Mediators of translocator protein specificity and type III secretion	12
117	Steinman	A second type IV secretion system functions in virulence traits of <i>L. pneumophila</i>	12

Session 6 POSTER SESSION II

FRIDAY 9/16/2005, 4:00 PM

<u>#</u>	<u>Iname</u>	<u>Title</u>	<u>Talk Length</u>
118	Lamothe	Characterization of the mechanism by which <i>B. cenocepacia</i> survive within murine macrophages	
119	Lawley	Genetic requirements for systemic persistence by <i>S. enterica</i> serovar typhimurium	
120	Mclver	Characterization of the Srx two-component system regulating virulence in <i>S. pyogenes</i>	
121	LeMieux	Teasing apart the roles of the <i>S. pneumoniae</i> zinc metalloproteases	
122	Leroy	Population biology-based strategy for identification of conserved antigens	
123	Lester	Combining biophysical and genetic approaches to characterize essential genes in <i>H. pylori</i> —A micro-structural genomics initiative	
124	Yildiz	Molecular basis and physiological consequences of c-di-GMP signaling in <i>V. cholerae</i>	
125	Lin	Feedback regulation of SPI1 type three secretion system in <i>S. typhimurium</i>	
126	Liverman	Identifying type III secretion effector proteins in <i>V. parahaemolyticus</i>	
127	Loomis	A genetic locus required for the initiation of microbe-specific T cell responses in mice	
128	Lowe	<i>S. iniae</i> exploits the host environment to cause a systemic infection	

- 129 Lu *S. pneumoniae* recruits complement FH through the amino terminus of CbpA
- 130 Maydan Methionine-dependent morphogenesis in *C. albicans*
- 131 Maier In vivo transposon mutagenesis of *F. tularensis* using *Himar1*
- 132 Maloney Role of *mgtC* in the pathogenesis of *B. cenocepacia*
- 133 Connell Killing of *B. anthracis* by the cathelicidin antimicrobial peptide, LL-37 (hCAP 18)
- 134 Monack Innate immunity against *F. tularensis* is dependent on the ASC/caspase-1 axis
- 135 Matsui DnaK chaperone machinery of *S. enterica* serovar typhimurium regulates the expression of *hilA* gene, a central regulator for SPI1 regulon, at the posttranscriptional level
- 136 Salama Differential iron handling among *H. pylori* strains isolated from patients with and without iron deficiency anemia
- 137 Medrano Identification of a regulator of P66 expression in *B. burgdorferi*
- 138 Megjugorac Defining unique elements of the host immune response to *B. anthracis* and *B. mallei* using microarray technology
- 139 Megjugorac Expression analysis of the host response to SARS
- 140 Melville Characterization of type 4 pili-dependent social motility by *C. perfringens*
- 141 Mittal Contribution of macrophage secretory products to virulence of *P. aeruginosa* in urinary tract infection
- 142 Eichenbaum Characterization of a group A *Streptococcus* mutant that triggers unusual inflammatory response in a zebrafish infection model
- 143 Moorhead Rab6 associates with chlamydial inclusions in a nucleotide-dependent manner
- 144 Munson Molecular mechanism of Rns positive autoregulation, an enterotoxigenic *E. coli* virulence regulator
- 145 Navarre PoxA and YjeK, two proteins implicated in lysine metabolism, are critical for virulence and resistance to antimicrobial compounds in *S. enterica* serovar
- 146 Ferrandon The local immune response and phagocytosis play crucial roles in the *Drosophila* host defense against *S. marcescens* oral infections
- 147 Ohlson SseJ deacylase activity by *S. enterica* serovar typhimurium contributes to virulence in mice
- 148 O'Neil Flagella-mediated motility enhances the infectivity of *L. monocytogenes*
- 149 Ouellet A genomics approach towards understanding the defense response of wheat against the fungal pathogen *F. graminearum*
- 150 Oya Modulation of HilC and HilD, transcriptional regulators for expression of SPI1 genes, in a complex manner
- 151 Paetzold Determination of specific pathogenicity in *Shigella* and *Salmonella*

- 152 Peterson *V. cholerae* chemotaxis proteins contribute to cholera toxin/toxin coregulated pilus synthesis
- 153 Phelps Analysis of *S. pyogenes* proteins required for interactions with the host
- 154 Pielage RNAi mediated screen revealed role for Abelson tyrosine kinase in *P. aeruginosa* infection
- 155 Pinta Different specificities of biotools recognizing the outer core of the *Y. enterocolitica* serotype O:3 lipopolysaccharide
- 156 Pinto-Santini Functional analysis of the *H. pylori cag3* locus in type IV secretion
- 157 Purdy Identification and characterization of *M. tuberculosis* secreted kinases
- 158 Chaturvedi The transcription factor STE12 α has distinct roles in morphogenesis, ecological fitness, and virulence of primary pathogenic yeast *C. gattii*
- 159 Robinson Concerted roles of CsgE and CsgG in *E. coli* curli subunit secretion
- 160 Schesser Polynucleotide phosphorylase (PNP)—Required by the *Yersiniae* to survive both low temperatures and macrophages
- 161 Koehler An extra-cytoplasmic function σ factor controls β -lactamase gene expression in *B. anthracis*
- 162 Rowley Nucleoid associated proteins control *S. typhimurium* virulence gene expression
- 163 Xu Cell wall anchored proteins in *B. anthracis* interactions with the host
- 164 Russell *B. anthracis* invasion
- 165 Salmenlinna Lipopolysaccharide O-antigen and outer core are involved in macrophage invasion/survival of *Y. enterocolitica* O:3
- 166 Sano Formation of balloon-like macrophages by *Salmonella* infection
- 167 Selbach A proteomic screen for host cell proteins interacting with tyrosine phosphorylated bacterial effectors
- 168 Shelver Purification and characterization of CspA, a novel virulence factor of *S. agalactiae*
- 169 Shen Modulation of MogR activity by the DegU response regulator controls temperature-dependent expression of flagellar motility genes in *L. monocytogenes*
- 170 Shimazaki The co-chaperone DnaJ is critically important for systemic *S. enterica* serovar typhimurium infection of mice
- 171 Simpson The role of the enteropathogenic *E. coli* effector map in virulence
- 172 Sjöling Enterotoxigenic *E. coli* (ETEC) stably express the *eltB* gene coding for heat-labile toxin (LT) at different growth conditions but alter toxin secretion in response to the environment
- 173 Smart Microarray analysis of the enterohemorrhagic *E. coli* O157:H7 LEE-encoded regulator regulon
- 174 Smedley Examining the putative transmembrane stem domain of the pore-forming *C. perfringens* enterotoxin

- 175 Smith Effects of *P. aeruginosa* flagella on pathogenesis
- 176 Smollett Characterization of the enteropathogenic *E. coli* type III secretion system effector proteins EspG and EspG2
- 177 Snide A characterization of *HWP1* promoter activation in pseudohyphal cells in *C. albicans*
- 178 Soltani The cholesterol dependent cytolysin undecapeptide regulates pore-formation
- 179 Yu Apoptosis induced by enteropathogenic *E. coli* in infected epithelial cells involves Bax translocation and oligomerization at the mitochondria leading to cytochrome C
- 180 Szabady Characterization of *V. cholerae* TagA, A StcE-like metalloprotease
- 181 Takizawa Disruption of the *Arabidopsis* gene encoding the ubiquitin-conjugating enzyme Ubc14 resulted in increased susceptibility to TMV infection
- 182 Tamayo The EAL domain protein VieA possesses in vitro cyclic diguaylate phosphodiesterase activity
- 183 Tayabali Murine immune responses to biotechnology-related bacillus species
- 184 Thomsen *C. elegans* can be used as a model host for *L. monocytogenes* pathogenesis
- 185 Tomoyasu ClpXP and Lon proteases control the expression of LEE genes in enterohaemorrhagic *E. coli*
- 186 Torstensson A role of *E. coli* LPS in α -hemolysin-induced calcium oscillations in epithelial cells
- 187 Trosky Characterization of VopA, a type III effector, from *V. parahaemolyticus*
- 188 Troy Identification of *L. monocytogenes* determinants required for optimal replication within the host cell cytosol
- 189 Tukel Thin curled fimbriae are a pathogen-associated molecular pattern of *S. enterica* serotype typhimurium that is recognized by toll-like receptor 2
- 190 Turner Genetic control of resistance to *Y. pestis* in inbred strains of mice
- 191 Ureta Targeting and assembly of LamB in *E. coli*
- 192 Vallet-Gely Control of phase-variable gene expression in *P. aeruginosa*
- 193 van der Velden *Salmonella* inhibit T cell proliferation through a direct immunosuppressive effect
- 194 Vance Genetics of mouse macrophage resistance to *L. pneumophila*
- 195 Voth Virulence factor profiles and cell-type specificity among cadaver-derived isolates of *C. sordellii*
- 196 Walthers Regulation of *S. typhimurium* SPI-2 gene expression
- 197 Wheeler Fungi mask their pro-inflammatory molecules from the immune system
- 198 Willoughby Interference of innate immunity by SSL7 (set1)
- 199 Wolfe Real-time measurement of pore formation by anthrax protective antigen in cell membranes using whole cell voltage-clamp

200	Wolyniak	Understanding the relationship between localized cytoskeletal rearrangement and hypha-specific gene expression in <i>C. albicans</i>
201	Xu	Molecular and cellular basis of host susceptibility to plague
202	Yarbrough	Characterization of a novel type III secreted effector protein, VP1686, from <i>V. parahaemolyticus</i>
203	Stathopoulos	Novel autotransporter proteins of <i>Y. pestis</i>
204	Tzeng	Autoregulation of the MisR/MisS two-component signal transduction system in <i>N. meningitidis</i>
205	Song	Campylobacter induces a polarized secretion of IL-8 in human intestinal epithelial
206	Inouye	Toxin-antitoxin systems in pathogenic bacteria
207	Zimmer	Discrimination of hexa-acylated and penta-acylated meningococcal lipo (oligo) saccharide by soluble MD-2

Session 7 VACCINES

FRIDAY 9/16/2005, 7:00 PM

D. Higgins			
<u>#</u>	<u>Iname</u>	<u>Title</u>	<u>Talk Length</u>
208	Cole	Experimental vaccines against coccidioidomycosis	30
209	Clarke	In vivo expressed antigens of <i>S. aureus</i> to which vaccination protects against nasal carriage	12
210	Higgins	Phagosome escape by <i>L. monocytogenes</i> —Application to vaccine development and antigen discovery	30

Session 8 THERAPEUTICS

FRIDAY 9/16/2005, 9:15 PM

S. Projan			
<u>#</u>	<u>Iname</u>	<u>Title</u>	<u>Talk Length</u>
211	Sanglard	Molecular mechanisms of antifungal resistance and antifungal tolerance in the human pathogen <i>C. albicans</i>	30
212	Taylor	Enzymatic activity and inhibitors of bacterial type four prepilin peptidases	12
213	Projan	Antimicrobial therapeutics for the 21st century	30

Session 9 GENE REGULATION

SATURDAY 9/17/2005, 9:00 AM

A. Camilli			
<u>#</u>	<u>Iname</u>	<u>Title</u>	<u>Talk Length</u>
214	Storz	The genes that were missed—Small noncoding RNAs and small ORFs	30
215	Svenningsen	Small RNA control of quorum sensing in <i>V. cholerae</i>	12

216	Hinnebusch	Induction of the <i>Y. pestis</i> PhoP-PhoQ regulatory system in the flea and its role in producing a transmissible infection	12
217	Camilli	The second messenger cyclic diguanylate helps mediate the switch from environmental to virulence gene expression in <i>V. cholerae</i>	30
218	Davis	Antagonistic functions in adaptation to environmental pH by Rim101p and the calcineurin-dependent transcription factors Crz1p and Crz2p in <i>C. albicans</i>	12
219	Cormack	Regulation of <i>C. glabrata</i> adherence by nicotinic acid	30
220	He	MprAB two-component system is a global stress regulator in <i>M. tuberculosis</i>	12

Session 10 KEYNOTE SPEAKER

SATURDAY 9/17/2005, 4:30 PM

<u>#</u>	<u>Iname</u>	<u>Title</u>	<u>Talk Length</u>
221	Mitchell	The landscape of gene function in <i>C. albicans</i>	

Session 11 HOST/MICROBE INTERACTIONS

SUNDAY 9/18/2005, 9:00 AM

<u>#</u>	<u>Iname</u>	<u>Title</u>	<u>Talk Length</u>
	V. Miller		
222	Filler	Mechanisms of <i>C. albicans</i> invasion of endothelial and oral epithelial cells in vitro	30
223	Blanco	Interaction of <i>V. cholerae</i> with M cells in an in vitro model	12
224	Kuehn	Bacterial outer membrane vesicle—Biogenesis and host cell interactions	12
225	Miller	RovA, virulence gene regulator of the pathogenic <i>Yersinia</i>	30
226	Hung	Pathogenesis of urinary tract infection in experimental diabetic mice	12
227	Finlay	Examining the effects of enteropathogenic infection on the intestinal bacterial	30