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SPOTLIGHT

Articles of Significant Interest Selected from This Issue by
the Editors

2589

MINIREVIEW

This Is Not Your Mother's Repressor: the Complex Role of
Fur in Pathogenesis

Beth M. Carpenter, Jeannette M.
Whitmire, and D. Scott Merrell

2590–2601

MOLECULAR PATHOGENESIS

Identification of a Novel Lipopolysaccharide Core
Biosynthesis Gene Cluster in *Bordetella pertussis*, and
Influence of Core Structure and Lipid A Glucosamine
Substitution on Endotoxic Activity

Jeroen Geurtsen, Monika
Dzieciatkowska, Liana Steeghs,
Hendrik-Jan Hamstra, Johanna
Boleij, Kelly Broen, Grietsje
Akkerman, Hassan el Hassan,
Jianjun Li, James C. Richards, Jan
Tomassen, and Peter van der Ley

2602–2611

The Posttranslocation Chaperone PrsA2 Contributes to
Multiple Facets of *Listeria monocytogenes* Pathogenesis

Francis Alonzo III, Gary C. Port,
Min Cao, and Nancy E. Freitag

2612–2623

Subcellular Localization of the *Staphylococcus aureus* Heme
Iron Transport Components IsdA and IsdB

Gleb Pishchany, Susan E. Dickey,
and Eric P. Skaar

2624–2634

Monoclonal Antibody 11E10, Which Neutralizes Shiga Toxin
Type 2 (Stx2), Recognizes Three Regions on the Stx2 A
Subunit, Blocks the Enzymatic Action of the Toxin In Vitro,
and Alters the Overall Cellular Distribution of the Toxin

Michael J. Smith, Angela R.
Melton-Celsa, James F. Sinclair,
Humberto M. Carvalho, Cory M.
Robinson, and Alison D. O'Brien

2730–2740

Prolonged Impact of Antibiotics on Intestinal Microbial
Ecology and Susceptibility to Enteric *Salmonella* Infection

Amy Crowell, Elad Amir, Paul
Teggatz, Melissa Barman, and Nita
H. Salzman

2741–2753

CspA-Mediated Binding of Human Factor H Inhibits
Complement Deposition and Confers Serum Resistance in
Borrelia burgdorferi

Melisha R. Kenedy, Santosh R.
Vuppala, Corinna Siegel, Peter
Kraiczky, and Darrin R. Akins

2773–2782

Borrelia burgdorferi RevA Antigen Binds Host Fibronectin

Catherine A. Brissette, Tomasz
Bykowski, Anne E. Cooley, Amy
Bowman, and Brian Stevenson

2802–2812

Shiga Toxin 2 Is Specifically Released from Bacterial Cells
by Two Different Mechanisms

Takeshi Shimizu, Yuko Ohta, and
Masatoshi Noda

2813–2823

Role of Teichoic Acid Choline Moieties in the Virulence of
Streptococcus pneumoniae

Florian Gehre, Radek Spisek, Arun
S. Kharat, Phillip Matthews, Anjali
Kukreja, Robert M. Anthony,
Madhav V. Dhodapkar, Waldemar
Vollmer, and Alexander Tomasz

2824–2831

ace, Which Encodes an Adhesin in *Enterococcus faecalis*, Is
Regulated by *Ers* and Is Involved in Virulence

Francois Lebreton, Eliette Riboulet-
Bisson, Pascale Serror, Maurizio
Sanguinetti, Brunella Posteraro,
Riccardo Torelli, Axel Hartke,
Yanick Auffray, and Jean-
Christophe Giard

2832–2839

The Metal Homeostasis Protein, *Lsp*, of *Streptococcus*
pyogenes Is Necessary for Acquisition of Zinc and Virulence

Benjamin F. Weston, Audrey
Brenot, and Michael G. Caparon

2840–2848

Continued on following page

The <i>Staphylococcus aureus</i> GGDEF Domain-Containing Protein, GdpS, Influences Protein A Gene Expression in a Cyclic Diguanic Acid-Independent Manner	Fei Shang, Ting Xue, Haipeng Sun, Lei Xing, Shuo Zhang, Zhenjun Yang, Lihe Zhang, and Baolin Sun	2849–2856
An Immunogenic, Surface-Exposed Domain of <i>Haemophilus ducreyi</i> Outer Membrane Protein HgbA Is Involved in Hemoglobin Binding	Igor Nepluev, Galyna Afonina, William G. Fusco, Isabelle Leduc, Bonnie Olsen, Brenda Temple, and Christopher Elkins	3065–3074
Complementation of the <i>fadA</i> Mutation in <i>Fusobacterium nucleatum</i> Demonstrates that the Surface-Exposed Adhesin Promotes Cellular Invasion and Placental Colonization	Akihiko Ikegami, Peter Chung, and Yiping W. Han	3075–3079
Processing of <i>Pseudomonas aeruginosa</i> Exotoxin A Is Dispensable for Cell Intoxication	Juliette Morlon-Guyot, Jocelyn Méré, Anne Bonhoure, and Bruno Beaumelle	3090–3099
Selective Upregulation of Endothelial E-Selectin in Response to <i>Helicobacter pylori</i>-Induced Gastritis	Helena Svensson, Malin Hansson, Jan Kilhamn, Steffen Backert, and Marianne Quiding-Järbrink	3109–3116
CELLULAR MICROBIOLOGY: PATHOGEN-HOST CELL MOLECULAR INTERACTIONS		
<i>Salmonella enterica</i> Serovar Typhimurium Pathogenicity Island 1-Encoded Type III Secretion System Translocases Mediate Intimate Attachment to Nonphagocytic Cells	María Lara-Tejero and Jorge E. Galán	2635–2642
Liposomes Recruit IpaC to the <i>Shigella flexneri</i> Type III Secretion Apparatus Needle as a Final Step in Secretion Induction	Chelsea R. Epler, Nicholas E. Dickenson, Andrew J. Olive, Wendy L. Picking, and William D. Picking	2754–2761
Urothelial Cultures Support Intracellular Bacterial Community Formation by Uropathogenic <i>Escherichia coli</i>	Ruth E. Berry, David J. Klumpp, and Anthony J. Schaeffer	2762–2772
<i>Pseudomonas aeruginosa</i> Inhibition of Flagellin-Activated NF-κB and Interleukin-8 by Human Airway Epithelial Cells	Jose Pena, Zhu Fu, Christian Schwarzer, and Terry E. Machen	2857–2865
Overexpression of the Natural Inhibitor of Cysteine Peptidases in <i>Leishmania mexicana</i> Leads to Reduced Virulence and a Th1 Response	Karen Bryson, Sébastien Besteiro, H. Adrienne McGachy, Graham H. Coombs, Jeremy C. Mottram, and James Alexander	2971–2978
<i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> Fibronectin Attachment Protein Activates Dendritic Cells and Induces a Th1 Polarization	Jun Sik Lee, Sung Jae Shin, Michael T. Collins, In Duk Jung, Young-Il Jeong, Chang-Min Lee, Yong Kyoo Shin, Daejin Kim, and Yeong-Min Park	2979–2988
BACTERIAL INFECTIONS		
Matrix Metalloproteinase 9 Plays a Key Role in Lyme Arthritis but Not in Dissemination of <i>Borrelia burgdorferi</i>	Andrew J. Heilpern, Warren Wertheim, Jia He, George Perides, Roderick T. Bronson, and Linden T. Hu	2643–2649
The Arginine Catabolic Mobile Element Is Not Associated with Enhanced Virulence in Experimental Invasive Disease Caused by the Community-Associated Methicillin-Resistant <i>Staphylococcus aureus</i> USA300 Genetic Background	Christopher P. Montgomery, Susan Boyle-Vavra, and Robert S. Daum	2650–2656
Genetic Requirements for <i>Klebsiella pneumoniae</i>-Induced Liver Abscess in an Oral Infection Model	Ya-Chun Tu, Min-Chi Lu, Ming-Ko Chiang, Shu-Ping Huang, Hwei-Ling Peng, Hwan-You Chang, Ming-Shiou Jan, and Yi-Chyi Lai	2657–2671
OspC-Independent Infection and Dissemination by Host-Adapted <i>Borrelia burgdorferi</i>	Kit Tilly, Aaron Bestor, Daniel P. Dulebohn, and Patricia A. Rosa	2672–2682

<i>Salmonella enterica</i> Serovar Enteritidis Pathogenicity Island 1 Is Not Essential for but Facilitates Rapid Systemic Spread in Chickens	Taseen S. Desin, Po-King S. Lam, Birgit Koch, Claudia Mickael, Emil Berberov, Amanda L. S. Wisner, Hugh G. G. Townsend, Andrew A. Potter, and Wolfgang Köster	2866–2875
Precolonized Human Commensal <i>Escherichia coli</i> Strains Serve as a Barrier to <i>E. coli</i> O157:H7 Growth in the Streptomycin-Treated Mouse Intestine	Mary P. Leatham, Swati Banerjee, Steven M. Autieri, Regino Mercado-Lubo, Tyrrell Conway, and Paul S. Cohen	2876–2886
Purification of Legiobactin and Importance of This Siderophore in Lung Infection by <i>Legionella pneumophila</i>	Kimberly A. Allard, Jenny Dao, Prakash Sanjeevaiah, Kessler McCoy-Simandle, Christa H. Chatfield, David S. Crumrine, Domenic Castignetti, and Nicholas P. Cianciotto	2887–2895
Transcriptional and Translational Analysis of Biofilm Determinants of <i>Aggregatibacter actinomycetemcomitans</i> in Response to Environmental Perturbation	Jayaleka J. Amarasinghe, Frank A. Scannapieco, and Elaine M. Haase	2896–2907
Nonhematopoietic Cells Control the Outcome of Infection with <i>Listeria monocytogenes</i> in a Nucleotide Oligomerization Domain 1-Dependent Manner	Ahmed Mosa, Christian Trumstedt, Emma Eriksson, Oliver Soehnlein, Frank Heuts, Katrin Janik, Andreas Klos, Oliver Dittrich-Breiholz, Michael Kracht, Åsa Hidmark, Hans Wigzell, and Martin E. Rottenberg	2908–2918
Novel Subtilase Cytotoxin Produced by Shiga-Toxigenic <i>Escherichia coli</i> Induces Apoptosis in Vero Cells via Mitochondrial Membrane Damage	Gen Matsuura, Naoko Morinaga, Kinnosuke Yahiro, Reiko Komine, Joel Moss, Hideo Yoshida, and Masatoshi Noda	2919–2924
Evidence for Capsule Switching between Carried and Disease-Causing <i>Neisseria meningitidis</i> Strains	Amanda J. Beddek, Ming-Shi Li, J. Simon Kroll, T. William Jordan, and Diana R. Martin	2989–2994
Glucose and Glycolysis Are Required for the Successful Infection of Macrophages and Mice by <i>Salmonella enterica</i> Serovar Typhimurium	Steven D. Bowden, Gary Rowley, Jay C. D. Hinton, and Arthur Thompson	3117–3126
HOST RESPONSE AND INFLAMMATION		
Chlamydial Heat Shock Protein 60 Induces Acute Pulmonary Inflammation in Mice via the Toll-Like Receptor 4- and MyD88-Dependent Pathway	Yonca Bulut, Kenichi Shimada, Michelle H. Wong, Shuang Chen, Pearl Gray, Randa Alsabeh, Terence M. Doherty, Timothy R. Crother, and Moshe Arditi	2683–2690
Perturbation of the Small Intestine Microbial Ecology by Streptomycin Alters Pathology in a <i>Salmonella enterica</i> Serovar Typhimurium Murine Model of Infection	Cherilyn D. Garner, Dionysios A. Antonopoulos, Bettina Wagner, Gerald E. Duhamel, Ivan Keresztes, Deborah A. Ross, Vincent B. Young, and Craig Altier	2691–2702
Lipopolysaccharide-Trap-Fc, a Multifunctional Agent To Battle Gram-Negative Bacteria	Philipp Groß, Katharina Brandl, Christine Dierkes, Jürgen Schölmerich, Bernd Salzberger, Thomas Glück, and Werner Falk	2925–2931
The Capsule-Encoding <i>viaB</i> Locus Reduces Intestinal Inflammation by a <i>Salmonella</i> Pathogenicity Island 1-Independent Mechanism	Takeshi Haneda, Sebastian E. Winter, Brian P. Butler, R. Paul Wilson, Çağla Tükel, Maria G. Winter, Ivan Godinez, Renée M. Tsois, and Andreas J. Bäumlner	2932–2942
The K5 Capsule of <i>Escherichia coli</i> Strain Nissle 1917 Is Important in Mediating Interactions with Intestinal Epithelial Cells and Chemokine Induction	Mohamed Hafez, Kelly Hayes, Marie Goldrick, Geoff Warhurst, Richard Grecnis, and Ian S. Roberts	2995–3003

Natural Antibody Contributes to Host Defense against an Attenuated <i>Brucella abortus virB</i> Mutant	Hortensia G. Rolán, Mariana N. Xavier, Renato L. Santos, and Renée M. Tsolis	3004–3013
<i>Listeria monocytogenes</i> 6-Phosphogluconolactonase Mutants Induce Increased Activation of a Host Cytosolic Surveillance Pathway	Gregory T. Crimmins, Michael W. Schelle, Anat A. Herskovits, Peggy P. Ni, Benjamin C. Kline, Nicole Meyer-Morse, Anthony T. Iavarone, and Daniel A. Portnoy	3014–3022
Distinct Roles of CD28- and CD40 Ligand-Mediated Costimulation in the Development of Protective Immunity and Pathology during <i>Chlamydia muridarum</i> Urogenital Infection in Mice	Lili Chen, Wen Cheng, Pooja Shivshankar, Lei Lei, Xiaoyun Zhang, Yimou Wu, I-Tien Yeh, and Guangming Zhong	3080–3089
FUNGAL AND PARASITIC INFECTIONS		
Glyceraldehyde-3-Phosphate Dehydrogenase Is a Surface-Associated, Fibronectin-Binding Protein of <i>Trichomonas vaginalis</i>	A. Lama, A. Kucknoor, V. Mundodi, and J. F. Alderete	2703–2711
Surfactant Protein D Increases Phagocytosis of Hypocapsular <i>Cryptococcus neoformans</i> by Murine Macrophages and Enhances Fungal Survival	Scarlett Geunes-Boyer, Timothy N. Oliver, Guilhem Janbon, Jennifer K. Lodge, Joseph Heitman, John R. Perfect, and Jo Rae Wright	2783–2794
Endothelial Nitric Oxide Synthase Gene Polymorphisms and <i>Plasmodium falciparum</i> Infection in Indian Adults	Gunanidhi Dhangadamajhi, Biranchi N. Mohapatra, Shantanu K. Kar, and Manoranjan Ranjit	2943–2947
Distinct Roles for MyD88 and Toll-Like Receptor 2 during <i>Leishmania braziliensis</i> Infection in Mice	Diego A. Vargas-Inchaustegui, Wendy Tai, Lijun Xin, Alison E. Hogg, David B. Corry, and Lynn Soong	2948–2956
Use of L-Proline and ATP Production by <i>Trypanosoma cruzi</i> Metacyclic Forms as Requirements for Host Cell Invasion	Rafael Miyazawa Martins, Charles Covarrubias, Robert Galvez Rojas, Ariel Mariano Silber, and Nobuko Yoshida	3023–3032
Cellular Tumor Necrosis Factor, Gamma Interferon, and Interleukin-6 Responses as Correlates of Immunity and Risk of Clinical <i>Plasmodium falciparum</i> Malaria in Children from Papua New Guinea	Leanne J. Robinson, Marthe C. D’Ombrain, Danielle I. Stanisic, Jack Taraika, Nicholas Bernard, Jack S. Richards, James G. Beeson, Livingstone Tavul, Pascal Michon, Ivo Mueller, and Louis Schofield	3033–3043
Toll-Like Receptor 9-Dependent Activation of Myeloid Dendritic Cells by Deoxynucleic Acids from <i>Candida albicans</i>	A. Miyazato, K. Nakamura, N. Yamamoto, H. M. Mora-Montes, M. Tanaka, Y. Abe, D. Tanno, K. Inden, X. Gang, K. Ishii, K. Takeda, S. Akira, S. Saijo, Y. Iwakura, Y. Adachi, N. Ohno, K. Mitsutake, N. A. R. Gow, M. Kaku, and K. Kawakami	3056–3064
MICROBIAL IMMUNITY AND VACCINES		
Anti-Alpha-Hemolysin Monoclonal Antibodies Mediate Protection against <i>Staphylococcus aureus</i> Pneumonia	Brook E. Ragle and Juliane Bubeck Wardenburg	2712–2718
Proteomics-Based Identification of Anchorless Cell Wall Proteins as Vaccine Candidates against <i>Staphylococcus aureus</i>	Eva Glowalla, Bettina Tosetti, Martin Krönke, and Oleg Krut	2719–2729

Bivalent Recombinant Vaccine for Botulinum Neurotoxin Types A and B Based on a Polypeptide Comprising Their Effector and Translocation Domains That Is Protective against the Predominant A and B Subtypes	Clifford Shone, Heidi Agostini, Joanna Clancy, Mili Gu, Hwei-Hsiung Yang, Yanfang Chu, Virginia Johnson, Makie Taal, Joanna McGlashan, John Brehm, and Xiaomi Tong	2795–2801
Sortase A Confers Protection against <i>Streptococcus pneumoniae</i> in Mice	Claudia Gianfaldoni, Silvia Maccari, Laura Pancotto, Giacomo Rossi, Markus Hilleringmann, Werner Pansegrau, Antonia Sinisi, Monica Moschioni, Vega Massignani, Rino Rappuoli, Giuseppe Del Giudice, and Paolo Ruggiero	2957–2961
M-Cell Targeting of Whole Killed Bacteria Induces Protective Immunity against Gastrointestinal Pathogens	Yok-Teng Chionh, Janet L. K. Wee, Alison L. Every, Garrett Z. Ng, and Philip Sutton	2962–2970
Expression of B-Cell Activating Factor Enhances Protective Immunity of a Vaccine against <i>Pseudomonas aeruginosa</i>	Christine Tertilt, Ju Joh, Anja Krause, Paige Chou, Kristin Schneeweiss, Ronald G. Crystal, and Stefan Worgall	3044–3055
Role for Toll-Like Receptor 2 in the Immune Response to <i>Streptococcus pneumoniae</i> Infection in Mouse Otitis Media	Fengchan Han, Heping Yu, Cong Tian, Shengli Li, Michael R. Jacobs, Cindy Benedict-Alderfer, and Qing Y. Zheng	3100–3108
LETTER TO THE EDITOR		
NIH Peer Review Reform	Marc C. Torjman	3127

Cover photograph (Copyright © 2009, American Society for Microbiology. All Rights Reserved.): *Burkholderia cenocepacia* replicates in macrophages. Phorbol myristate acetate-treated U937 cells were infected with *B. cenocepacia* and incubated for 2 h. Extracellular bacteria were killed, and cells were incubated for another 16 h. Cells were fixed, and bacteria were visualized using AlexaFluor 594-detected antibody to *B. cenocepacia*. Cells were counterstained with DAPI (4',6-diamidino-2-phenylindole). Confocal microscopy revealed large numbers of intracellular bacteria in the perinuclear area. In contrast, type IV secretion system mutant bacteria were often observed as degraded bacterial particles in the perinuclear or cytoplasmic area. (See related article in December 2008, vol. 76, p. 5447.)