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MOLECULAR PATHOGENESIS

- | | | |
|--|--|-----------|
| Novel Sialic Acid Transporter of <i>Haemophilus influenzae</i> | Simon Allen, Anthony Zaleski, Jason W. Johnston, Bradford W. Gibson, and Michael A. Apicella | 5291–5300 |
| Cytotoxic Necrotizing Factor Type 1 Production by Uropathogenic <i>Escherichia coli</i> Modulates Polymorphonuclear Leukocyte Function | Jon M. Davis, Susan B. Rasmussen, and Alison D. O'Brien | 5301–5310 |
| <i>Helicobacter hepaticus</i> Hydrogenase Mutants Are Deficient in Hydrogen-Supported Amino Acid Uptake and in Causing Liver Lesions in A/J Mice | Nalini S. Mehta, Stephane Benoit, Jagannatha V. Mysore, Renato S. Sousa, and Robert J. Maier | 5311–5318 |
| Down Regulation of Virulence Factors of <i>Pseudomonas aeruginosa</i> by Salicylic Acid Attenuates Its Virulence on <i>Arabidopsis thaliana</i> and <i>Caenorhabditis elegans</i> | B. Prithiviraj, H. P. Bais, T. Weir, B. Suresh, E. H. Najarro, B. V. Dayakar, H. P. Schweizer, and J. M. Vivanco | 5319–5328 |
| <i>Salmonella enterica</i> Serotype Typhimurium Fimbrial Proteins Serve as Antigens during Infection of Mice | Andrea Humphries, Sandra DeRidder, and Andreas J. Bäumlner | 5329–5338 |
| Incomplete Activation of Macrophage Apoptosis during Intracellular Replication of <i>Legionella pneumophila</i> | Alaeddin Abu-Zant, Marina Santic, Maelle Molmeret, Snake Jones, Jürgen Helbig, and Yousef Abu Kwaik | 5339–5349 |
| Microarray-Based Detection of <i>Salmonella enterica</i> Serovar Typhimurium Transposon Mutants That Cannot Survive in Macrophages and Mice | Kaman Chan, Charles C. Kim, and Stanley Falkow | 5438–5449 |
| Sequence Variation within Botulinum Neurotoxin Serotypes Impacts Antibody Binding and Neutralization | T. J. Smith, J. Lou, I. N. Geren, C. M. Forsyth, R. Tsai, S. L. LaPorte, W. H. Tepp, M. Bradshaw, E. A. Johnson, L. A. Smith, and J. D. Marks | 5450–5457 |
| <i>Mannheimia haemolytica</i> Leukotoxin Induces Apoptosis of Bovine Lymphoblastoid Cells (BL-3) via a Caspase-9-Dependent Mitochondrial Pathway | Dharmika N. Atapattu and Charles J. Czuprynski | 5504–5513 |
| Identification of a New Virulence Factor, BvfA, in <i>Brucella suis</i> | Jean-Philippe Lavigne, Gilles Patey, Felix J. Sangari, Gisèle Bourg, Michel Ramuz, David O'Callaghan, and Sylvie Michaux-Charachon | 5524–5529 |
| Role of FliF and FliI of <i>Listeria monocytogenes</i> in Flagellar Assembly and Pathogenicity | Armelle Bigot, Hélène Pagniez, Eléonore Botton, Claude Fréhel, Iharilalao Dubail, Christine Jacquet, Alain Charbit, and Catherine Raynaud | 5530–5539 |
| Characterization of Novel Staphylococcal Enterotoxin-Like Toxin Type P | Katsuhiko Omoe, Ken'ichi Imanishi, Dong-Liang Hu, Hidehito Kato, Yoshitaku Fugane, Yohei Abe, Shoji Hamaoka, Yutaka Watanabe, Akio Nakane, Takehiko Uchiyama, and Kunihiko Shinagawa | 5540–5546 |
| <i>Borrelia burgdorferi</i> Organisms Lacking Plasmids 25 and 28-1 Are Internalized by Human Blood Phagocytes at a Rate Identical to That of the Wild-Type Strain | Samiya Al-Robaiy, Jens Knauer, and Reinhard K. Straubinger | 5547–5553 |

Continued on following page

Unusual Genetic Organization of a Functional Type I Protein Secretion System in <i>Neisseria meningitidis</i>	Karl G. Wooldridge, Murat Kizil, Damien B. Wells, and Dlawer A. A. Ala'Aldeen	5554–5567
Rate of Inversion of the <i>Salmonella enterica</i> Shufflon Regulates Expression of Invertible DNA	Connie K. P. Tam, Jim Hackett, and Christina Morris	5568–5577
Systematic Targeted Mutagenesis of <i>Brucella melitensis</i> 16M Reveals a Major Role for GntR Regulators in the Control of Virulence	Valérie Haine, Audrey Sinon, Frédéric Van Steen, Stéphanie Rousseau, Marie Dozot, Pascal Lestrade, Christophe Lambert, Jean-Jacques Letesson, and Xavier De Bolle	5578–5586
Mutations Affecting Peptidoglycan Acetylation in Pathogenic <i>Neisseria gonorrhoeae</i> and <i>Neisseria meningitidis</i>	Joseph P. Dillard and Kathleen T. Hackett	5697–5705
Characterization of <i>Vibrio cholerae</i> RyhB: the RyhB Regulon and Role of <i>ryhB</i> in Biofilm Formation	Alexandra R. Mey, Stephanie A. Craig, and Shelley M. Payne	5706–5719
Components of the <i>Legionella pneumophila</i> Flagellar Regulon Contribute to Multiple Virulence Traits, Including Lysosome Avoidance and Macrophage Death	A. B. Molofsky, L. M. Shetron-Rama, and Michele S. Swanson	5720–5734
Interaction of <i>Bartonella henselae</i> with Endothelial Cells Promotes Monocyte/Macrophage Chemoattractant Protein 1 Gene Expression and Protein Production and Triggers Monocyte Migration	Amy M. McCord, Andrew W. O. Burgess, Melissa J. Whaley, and Burt E. Anderson	5735–5742
Characterization of MtsR, a New Metal Regulator in Group A Streptococcus, Involved in Iron Acquisition and Virulence	Christopher S. Bates, Chadia Toukoki, Melody N. Neely, and Zehava Eichenbaum	5743–5753
<i>vpaH</i>, a Gene Encoding a Novel Histone-Like Nucleoid Structure-Like Protein That Was Possibly Horizontally Acquired, Regulates the Biogenesis of Lateral Flagella in <i>trh</i>-Positive <i>Vibrio parahaemolyticus</i> TH3996	Kwon-Sam Park, Michiko Arita, Tetsuya Iida, and Takeshi Honda	5754–5761
Characterization of Genetic and Phenotypic Diversity of Invasive Nontypeable <i>Haemophilus influenzae</i>	Alice L. Erwin, Kevin L. Nelson, Tendai Mhlanga-Mutangadura, Paul J. Bonthuis, Jennifer L. Geelhood, Gregory Morlin, William C. T. Unrath, Jose Campos, Derrick W. Crook, Monica M. Farley, Frederick W. Henderson, Richard F. Jacobs, Kathrin Mühlemann, Sarah W. Satola, Loek van Alphen, Miriam Golomb, and Arnold L. Smith	5853–5863
Novel Role of the Lipopolysaccharide O1 Side Chain in Ferric Siderophore Transport and Virulence of <i>Vibrio anguillarum</i>	Timothy J. Welch and Jorge H. Crosa	5864–5872
Cyclic Diguanilate Regulates <i>Vibrio cholerae</i> Virulence Gene Expression	Anna D. Tischler and Andrew Camilli	5873–5882
Environmental Regulation and Virulence Attributes of the Ysa Type III Secretion System of <i>Yersinia enterocolitica</i> Biovar 1B	Krista Venecia and Glenn M. Young	5961–5977
Both <i>Corynebacterium diphtheriae</i> DtxR(E175K) and <i>Mycobacterium tuberculosis</i> IdeR(D177K) Are Dominant Positive Repressors of IdeR-Regulated Genes in <i>M. tuberculosis</i>	Yukari C. Manabe, Christine L. Hatem, Anup K. Kesavan, Justin Durack, and John R. Murphy	5988–5994
<i>Bordetella pertussis</i> <i>risA</i>, but Not <i>risS</i>, Is Required for Maximal Expression of Bvg-Repressed Genes	Trevor H. Stenson, Andrew G. Allen, Jehan A. al-Meer, Duncan Maskell, and Mark S. Pepler	5995–6004
<i>Brucella abortus</i> VirB12 Is Expressed during Infection but Is Not an Essential Component of the Type IV Secretion System	Yao-Hui Sun, Hortensia G. Rolán, Andreas B. den Hartigh, David Sondervan, and Renée M. Tsolis	6048–6054

Identification of Virulence Determinants for Endocarditis in <i>Streptococcus sanguinis</i> by Signature-Tagged Mutagenesis	Sehmi Paik, Lauren Senty, Sankar Das, Jody C. Noe, Cindy L. Munro, and Todd Kitten	6064–6074
Characterization of the <i>dapA-nlpB</i> Genetic Locus Involved in Regulation of Swarming Motility, Cell Envelope Architecture, Hemolysin Production, and Cell Attachment Ability in <i>Serratia marcescens</i>	Po-Chi Soo, Jun-Rong Wei, Yu-Tze Horng, Shang-Chen Hsieh, Shen-Wu Ho, and Hsin-Chih Lai	6075–6084
Complement Receptor 3 Binds the <i>Borrelia burgdorferi</i> Outer Surface Proteins OspA and OspB in an iC3b-Independent Manner	Rodolfo C. Garcia, Rossella Murgia, and Marina Cinco	6138–6142
Gene Expression Profile Analysis of <i>Porphyromonas gingivalis</i> during Invasion of Human Coronary Artery Endothelial Cells	Paulo H. Rodrigues and Ann Progulsk-Fox	6169–6173
Characterization of FimH Adhesins Expressed by <i>Salmonella enterica</i> Serovar Gallinarum Biovars Gallinarum and Pullorum: Reconstitution of Mannose-Binding Properties by Single Amino Acid Substitution	Dagmara Kisiela, Anna Sapeta, Maciej Kuczkowski, Tadeusz Stefaniak, Alina Wieliczko, and Maciej Ugorski	6187–6190
Viability of a Capsule- and Lipopolysaccharide-Deficient Mutant of <i>Neisseria meningitidis</i>	Martine P. Bos and Jan Tommassen	6194–6197
CELLULAR MICROBIOLOGY: PATHOGEN-HOST CELL MOLECULAR INTERACTIONS		
Cable Pili and the 22-Kilodalton Adhesin Are Required for <i>Burkholderia cenocepacia</i> Binding to and Transmigration across the Squamous Epithelium	Teresa A. Urban, Joanna B. Goldberg, Janet F. Forstner, and Umadevi S. Sajjan	5426–5437
Examination of the Coordinate Effects of <i>Pseudomonas aeruginosa</i> ExoS on Rac1	Claudia L. Rocha, Elizabeth A. Rucks, Deanne M. Vincent, and Joan C. Olson	5458–5467
<i>Salmonella</i> Pathogenicity Island 2-Dependent Expression of Suppressor of Cytokine Signaling 3 in Macrophages	Kei-ichi Uchiya and Toshiaki Nikai	5587–5594
Cholera Toxin Induces a Transient Depletion of CD8⁺ Intraepithelial Lymphocytes in the Rat Small Intestine as Detected by Microarray and Immunohistochemistry	Carl-Fredrik Flach, Stefan Lange, Eva Jennische, Ivar Lönnroth, and Jan Holmgren	5595–5602
Fetuin-A, a Hepatocyte-Specific Protein That Binds <i>Plasmodium berghei</i> Thrombospondin-Related Adhesive Protein: a Potential Role in Infectivity	Deepa Jethwaney, Timothy Lepore, Saria Hassan, Kerriane Mello, Radha Rangarajan, Willi Jahnen-Dechent, Dyann Wirth, and Ali A. Sultan	5883–5891
<i>Francisella tularensis</i> Enters Macrophages via a Novel Process Involving Pseudopod Loops	Daniel L. Clemens, Bai-Yu Lee, and Marcus A. Horwitz	5892–5902
Interaction of Enteropathogenic and Shiga Toxin-Producing <i>Escherichia coli</i> and Porcine Intestinal Mucosa: Role of Intimin and Tir in Adherence	Francis Girard, Isabelle Batisson, Gad M. Frankel, Josée Harel, and John M. Fairbrother	6005–6016
Hydrophilic Domain II of <i>Escherichia coli</i> Dr Fimbriae Facilitates Cell Invasion	Margaret Das, Audrey Hart-Van Tassell, Petri T. Urvil, Susan Lea, David Pettigrew, K. L. Anderson, Alfred Samet, Jozef Kur, Steve Matthews, Stella Nowicki, Vsevolod Popov, Pawel Goluszko, and Bogdan J. Nowicki	6119–6126
<i>Mannheimia (Pasteurella) haemolytica</i> Leukotoxin Binding Domain Lies within Amino Acids 1 to 291 of Bovine CD18	R. S. Gopinath, T. C. Ambagala, M. S. Deshpande, R. O. Donis, and S. Srikumaran	6179–6182

BACTERIAL INFECTIONS

- Experimental Infection Model for Johne's Disease in Sheep** D. J. Begg, R. O'Brien, C. G. Mackintosh, and J. F. T. Griffin 5603–5611
- Neisseria meningitidis* Lactate Permease Is Required for Nasopharyngeal Colonization** Rachel M. Exley, Linda Goodwin, Eva Mowe, Jonathan Shaw, Harry Smith, Robert C. Read, and Christoph M. Tang 5762–5766
- Identification of Group A *Streptococcus* Antigenic Determinants Upregulated In Vivo** Kowthar Y. Salim, Dennis G. Cvitkovitch, Peter Chang, Darrin J. Bast, Martin Handfield, Jeffrey D. Hillman, and Joyce C. S. de Azavedo 6026–6038
- Synergy in Polymicrobial Infections in a Mouse Model of Type 2 Diabetes** Matthew D. Mastropaolo, Nicholas P. Evans, Meghan K. Byrnes, Ann M. Stevens, John L. Robertson, and Stephen B. Melville 6055–6063
- The *Mycobacterium tuberculosis* ESAT-6 Homologue in *Listeria monocytogenes* Is Dispensable for Growth In Vitro and In Vivo** Sing Sing Way and Christopher B. Wilson 6151–6153

HOST RESPONSE AND INFLAMMATION

- Involvement of Fractalkine/CX3CL1 Expression by Dendritic Cells in the Enhancement of Host Immunity against *Legionella pneumophila*** Toshiaki Kikuchi, Sita Andarini, Hong Xin, Kazunori Gomi, Yutaka Tokue, Yasuo Saijo, Tasuku Honjo, Akira Watanabe, and Toshihiro Nukiwa 5350–5357
- Persistence of Zinc-Binding Bacterial Superantigens at the Surface of Antigen-Presenting Cells Contributes to the Extreme Potency of These Superantigens as T-Cell Activators** Dorothy D. Pless, Gordon Ruthel, Emily K. Reinke, Robert G. Ulrich, and Sina Bavari 5358–5366
- Porphyromonas gingivalis* Fimbria-Dependent Activation of Inflammatory Genes in Human Aortic Endothelial Cells** Hsin-Hua Chou, Hiromichi Yumoto, Michael Davey, Yusuke Takahashi, Takanari Miyamoto, Frank C. Gibson III, and Caroline A. Genco 5367–5378
- Concurrent Infection with an Intestinal Helminth Parasite Impairs Host Resistance to Enteric *Citrobacter rodentium* and Enhances *Citrobacter*-Induced Colitis in Mice** Chien-Chang Chen, Steve Louie, Beth McCormick, W. Allan Walker, and Hai Ning Shi 5468–5481
- Host Immune Status Influences the Development of Attaching and Effacing Lesions in Weaned Pigs** Francis Girard, Isabelle P. Oswald, Ionéliea Taranu, Pierre Hélie, Greg D. Appleyard, Josée Harel, and John M. Fairbrother 5514–5523
- Helicobacter pylori*-Specific CD4⁺ T Cells Home to and Accumulate in the Human *Helicobacter pylori*-Infected Gastric Mucosa** Anna Lundgren, Christina Trollmo, Anders Edebo, Ann-Mari Svennerholm, and B. Samuel Lundin 5612–5619
- Bacteroides fragilis*-Derived Lipopolysaccharide Produces Cell Activation and Lethal Toxicity via Toll-Like Receptor 4** Giuseppe Mancuso, Angelina Midiri, Carmelo Biondo, Concetta Beninati, Maria Gambuzza, Daniele Macrì, Antonella Bellantoni, Andrej Weintraub, Terje Espevik, and Giuseppe Teti 5620–5627
- Bovine NK Cells Can Produce Gamma Interferon in Response to the Secreted Mycobacterial Proteins ESAT-6 and MPP14 but Not in Response to MPB70** Ingrid Olsen, Preben Boysen, Siri Kulberg, Jayne C. Hope, Gregers Jungersen, and Anne K. Storset 5628–5635

- Postgenomic Approach To Identify Novel *Mycobacterium leprae* Antigens with Potential To Improve Immunodiagnosis of Infection** Annemieke Geluk, Michèl R. Klein, Kees L. M. C. Franken, Krista E. van Meijgaarden, Brigitte Wieles, Kelly Cristina Pereira, Samira Bühner-Sékula, Paul R. Klatser, Patrick J. Brennan, John S. Spencer, Diana L. Williams, Maria C. V. Pessolani, Elizabeth P. Sampaio, and Tom H. M. Ottenhoff 5636–5644
- Characterization of Salivary Immunoglobulin A Responses in Children Heavily Exposed to the Oral Bacterium *Streptococcus mutans*: Influence of Specific Antigen Recognition in Infection** Ruchele D. Nogueira, Alessandra C. Alves, Marcelo H. Napimoga, Daniel J. Smith, and Renata O. Mattos-Graner 5675–5684
- Sex-Dependent Susceptibility to *Listeria monocytogenes* Infection Is Mediated by Differential Interleukin-10 Production** Bastian Pasche, Svetoslav Kalaydjiev, Tobias J. Franz, Elisabeth Kremmer, Valérie Gailus-Durner, Helmut Fuchs, Martin Hrabé de Angelis, Andreas Lengeling, and Dirk H. Busch 5952–5960
- Isolation and Partial Purification of Macrophage- and Dendritic Cell-Activating Components from *Mycoplasma arthritidis*: Association with Organism Virulence and Involvement with Toll-Like Receptor 2** Barry C. Cole, Hong-Hua Mu, Nathan D. Pennock, Akira Hasebe, Fok V. Chan, Leigh R. Washburn, and Morgan R. Peltier 6039–6047
- Paneth Cells and Antibacterial Host Defense in Neonatal Small Intestine** Michael P. Sherman, Stephen H. Bennett, Freda F. Y. Hwang, Jan Sherman, and Charles L. Bevins 6143–6146
- Role of Toll-Like Receptor 4 in the Proinflammatory Response to *Vibrio cholerae* O1 El Tor Strains Deficient in Production of Cholera Toxin and Accessory Toxins** G. Kenneth Haines III, Blayne Amir Sayed, Melissa S. Rohrer, Verena Olivier, and Karla J. Fullner Satchell 6157–6164
- Analysis of Cellular Phenotypes That Mediate Genetic Resistance to Tuberculosis Using a Radiation Bone Marrow Chimera Approach** Konstantin B. Majorov, Evgeny B. Eruslanov, Elvira I. Rubakova, Tatiana K. Kondratieva, and Alexander S. Apt 6174–6178

FUNGAL AND PARASITIC INFECTIONS

- Gliding Motility Leads to Active Cellular Invasion by *Cryptosporidium parvum* Sporozoites** Dawn M. Wetzel, Joann Schmidt, Mark S. Kuhlenschmidt, J. P. Dubey, and L. David Sibley 5379–5387
- Sequence Variation and Immunologic Cross-Reactivity among *Babesia bovis* Merozoite Surface Antigen 1 Proteins from Vaccine Strains and Vaccine Breakthrough Isolates** Tanya LeRoith, Kelly A. Brayton, John B. Molloy, Russell E. Bock, Stephen A. Hines, Ala E. Lew, and Terry F. McElwain 5388–5394
- Cell Surface Heparan Sulfate Promotes Replication of *Toxoplasma gondii*** Joseph R. Bishop, Brett E. Crawford, and Jeffrey D. Esko 5395–5401
- Identification, Cloning, Expression, and Characterization of the Gene for *Plasmodium knowlesi* Surface Protein Containing an Altered Thrombospondin Repeat Domain** Babita Mahajan, Dewal Jani, Rana Chattopadhyay, Rana Nagarkatti, Hong Zheng, Victoria Majam, Walter Weiss, Sanjai Kumar, and Dharmendar Rathore 5402–5409
- Involvement of Toll-Like Receptor 2 in Experimental Invasive Pulmonary Aspergillosis** Viviane Balloy, Mustapha Si-Tahar, Osamu Takeuchi, Bruno Philippe, Marie-Anne Nahori, Myriam Tanguy, Michel Huerre, Shizuo Akira, Jean-Paul Latgé, and Michel Chignard 5420–5425

Iron Acquisition from Transferrin by <i>Candida albicans</i> Depends on the Reductive Pathway	Simon A. B. Knight, Gaston Vilaire, Emmanuel Lesuisse, and Andrew Dancis	5482–5492
The <i>Aspergillus fumigatus</i> Siderophore Biosynthetic Gene <i>sidA</i>, Encoding L-Ornithine N⁵-Oxygenase, Is Required for Virulence	Anna H. T. Hissen, Adrian N. C. Wan, Mark L. Warwas, Linda J. Pinto, and Margo M. Moore	5493–5503
Early Cytokine Production Is Associated with Protection from Murine Cerebral Malaria	Andrew J. Mitchell, Anna M. Hansen, Leia Hee, Helen J. Ball, Sarah M. Potter, John C. Walker, and Nicholas H. Hunt	5645–5653
Calcineurin Is Required for <i>Candida albicans</i> To Survive Calcium Stress in Serum	Jill R. Blankenship and Joseph Heitman	5767–5774
Biochemical Characterization and Functional Studies of <i>Acanthamoeba</i> Mannose-Binding Protein	Marco Garate, Ibis Cubillos, Jeffrey Marchant, and Noorjahan Panjwani	5775–5781
Toward a Novel Experimental Model of Infection To Study American Cutaneous Leishmaniasis Caused by <i>Leishmania braziliensis</i>	Tatiana R. de Moura, Fernanda O. Novias, Fabiano Oliveira, Jorge Clarêncio, Almério Noronha, Aldina Barral, Claudia Brodskyn, and Camila I. de Oliveira	5827–5834
Vaccination with the <i>Leishmania infantum</i> Acidic Ribosomal P0 Protein plus CpG Oligodeoxynucleotides Induces Protection against Cutaneous Leishmaniasis in C57BL/6 Mice but Does Not Prevent Progressive Disease in BALB/c Mice	Salvador Iborra, Javier Carrión, Charles Anderson, Carlos Alonso, David Sacks, and Manuel Soto	5842–5852
Placental Malaria Induces Variant-Specific Antibodies of the Cytophilic Subtypes Immunoglobulin G1 (IgG1) and IgG3 That Correlate with Adhesion Inhibitory Activity	Salenna R. Elliott, Amy K. Brennan, James G. Beeson, Eyob Tadesse, Malcolm E. Molyneux, Graham V. Brown, and Stephen J. Rogerson	5903–5907
Transforming Growth Factor β1 Production by CD4⁺ CD25⁺ Regulatory T Cells in Peripheral Blood Mononuclear Cells from Healthy Subjects Stimulated with <i>Leishmania guyanensis</i>	A. Kariminia, E. Bourreau, H. Pascalis, P. Couppié, D. Sainte-Marie, F. Tacchini-Cottier, and P. Launois	5908–5914
Extensive Antigenic Polymorphism within the Repeat Sequence of the <i>Plasmodium falciparum</i> Merozoite Surface Protein 1 Block 2 Is Incorporated in a Minimal Polyvalent Immunogen	Kevin K. A. Tetteh, David R. Cavanagh, Patrick Corran, Rosemary Musonda, Jana S. McBride, and David J. Conway	5928–5935
Merozoite Surface Protein 1 of <i>Plasmodium vivax</i> Induces a Protective Response against <i>Plasmodium cynomolgi</i> Challenge in Rhesus Monkeys	Sheetij Dutta, Deep C. Kaushal, Lisa A. Ware, Sunil K. Puri, Nuzhat A. Kaushal, Atul Narula, D. S. Upadhyaya, and David E. Lanar	5936–5944
CD8⁺-T-Cell-Dependent Control of <i>Trypanosoma cruzi</i> Infection in a Highly Susceptible Mouse Strain after Immunization with Recombinant Proteins Based on Amastigote Surface Protein 2	Adriano F. S. Araújo, Bruna C. G. de Alencar, José Ronnie C. Vasconcelos, Meire I. Hiyane, Cláudio R. F. Marinho, Marcus L. O. Penido, Silvia B. Boscardin, Daniel F. Hoft, Ricardo T. Gazzinelli, and Mauricio M. Rodrigues	6017–6025
Arginase I Induction during <i>Leishmania major</i> Infection Mediates the Development of Disease	Virginia Iniesta, Jesualdo Carcelén, Isabel Molano, Pablo M. V. Peixoto, Eloy Redondo, Pilar Parra, Marina Mangas, Isabel Monroy, María Luisa Campo, Carlos Gómez Nieto, and Inés Corraliza	6085–6090
Genome-Wide Expression Profiling in Malaria Infection Reveals Transcriptional Changes Associated with Lethal and Nonlethal Outcomes	Kurt Schaecher, Sanjai Kumar, Anjali Yadava, Maryanne Vahey, and Christian F. Ockenhouse	6091–6100

Synthesis of Melanin Pigment by <i>Candida albicans</i> In Vitro and during Infection	Rachael Morris-Jones, Beatriz L. Gomez, Soraya Diez, Martha Uran, Stephen D. Morris-Jones, Arturo Casadevall, Joshua D. Nosanchuk, and Andrew J. Hamilton	6147–6150
CpG Oligodeoxynucleotides Increase the Susceptibility of Normal Mice to Infection by <i>Candida albicans</i>	Shuichi Ito, Joao Pedras-Vasconcelos, and Dennis M. Klinman	6154–6156
The Anti-<i>Candida albicans</i> Vaccine Composed of the Recombinant N Terminus of Als1p Reduces Fungal Burden and Improves Survival in Both Immunocompetent and Immunocompromised Mice	Brad J. Spellberg, Ashraf S. Ibrahim, Valentina Avenissian, Scott G. Filler, Carter L. Myers, Yue Fu, and John E. Edwards, Jr.	6191–6193
MICROBIAL IMMUNITY AND VACCINES		
Correlates of Immune Protection in Chickens Vaccinated with <i>Mycoplasma gallisepticum</i> Strain GT5 following Challenge with Pathogenic <i>M. gallisepticum</i> Strain R_{low}	Mohammed A. Javed, Salvatore Frasca, Jr., Debra Rood, Katharine Cecchini, Martha Gladd, Steven J. Geary, and Lawrence K. Silbart	5410–5419
Heteropentameric Cholera Toxin B Subunit Chimeric Molecules Genetically Fused to a Vaccine Antigen Induce Systemic and Mucosal Immune Responses: a Potential New Strategy To Target Recombinant Vaccine Antigens to Mucosal Immune Systems	Tetsuya Harakuni, Hideki Sugawa, Ai Komesu, Masayuki Tadano, and Takeshi Arakawa	5654–5665
Optimization of Codon Usage Enhances the Immunogenicity of a DNA Vaccine Encoding Mycobacterial Antigen Ag85B	Hyun-Jeong Ko, Sung-Youl Ko, Yeon-Jeong Kim, Eun-Gae Lee, Sang-Nae Cho, and Chang-Yuil Kang	5666–5674
Identification of a Protein Subset of the Anthrax Spore Immunome in Humans Immunized with the Anthrax Vaccine Adsorbed Preparation	Indira T. Kudva, Robert W. Griffin, Jeonifer M. Garren, Stephen B. Calderwood, and Manohar John	5685–5696
Pulmonary Interleukin-23 Gene Delivery Increases Local T-Cell Immunity and Controls Growth of <i>Mycobacterium tuberculosis</i> in the Lungs	Kyle I. Happel, Euan A. Lockhart, Carol M. Mason, Elizabeth Porretta, Elizabeth Keoshkerian, Anthony R. Odden, Steve Nelson, and Alistair J. Ramsay	5782–5788
Pathogenicity and Immunogenicity of a Vaccine Strain of <i>Listeria monocytogenes</i> That Relies on a Suicide Plasmid To Supply an Essential Gene Product	Xinyan Zhao, Zhongxia Li, Baiyan Gu, and Fred R. Frankel	5789–5798
HLA-A2 Supertype-Restricted Cell-Mediated Immunity by Peripheral Blood Mononuclear Cells Derived from Malian Children with Severe or Uncomplicated <i>Plasmodium falciparum</i> Malaria and Healthy Controls	Kirsten E. Lyke, Robin B. Burges, Yacouba Cissoko, Lansana Sangare, Abdoulaye Kone, Modibo Dao, Issa Diarra, Marcelo A. Fernández-Viña, Christopher V. Plowe, Ogobara K. Doumbo, and Marcelo B. Sztein	5799–5808
Tracking Antigen-Specific CD8 T Lymphocytes in the Lungs of Mice Vaccinated with the Mtb72F Polyprotein	Scott M. Irwin, Angelo A. Izzo, Steven W. Dow, Y. A. W. Skeiky, Steven G. Reed, Mark R. Alderson, and Ian M. Orme	5809–5816
Cationic Liposomes Containing Mycobacterial Lipids: a New Powerful Th1 Adjuvant System	Ida Rosenkrands, Else Marie Agger, Anja W. Olsen, Karen S. Korsholm, Claire Swetman Andersen, Klaus T. Jensen, and Peter Andersen	5817–5826
Combined Conjugate Vaccines: Enhanced Immunogenicity with the N19 Polyepitope as a Carrier Protein	Karin Baraldo, Elena Mori, Antonella Bartoloni, Francesco Norelli, Guido Grandi, Rino Rappuoli, Oretta Finco, and Giuseppe Del Giudice	5835–5841

Highly Immunogenic and Protective Recombinant Vaccine Candidate Expressed in Transgenic Plants	Daniel Chargelegue, Pascal M. W. Drake, Patricia Obregon, Alessandra Prada, Neil Fairweather, and Julian K-C. Ma	5915–5922
Quantitative Assessment of Protection in Experimental Syphilis	Cheryl I. Champion, David R. Blanco, and Michael A. Lovett	5923–5927
Humoral and Cell-Mediated Adaptive Immune Responses Are Required for Protection against <i>Burkholderia pseudomallei</i> Challenge and Bacterial Clearance Postinfection	Gareth D. Healey, Stephen J. Elvin, Margaret Morton, and E. Diane Williamson	5945–5951
Immunogenicity of Recombinant Protective Antigen and Efficacy against Aerosol Challenge with Anthrax	E. D. Williamson, I. Hodgson, N. J. Walker, A. W. Topping, M. G. Duchars, J. M. Mott, J. Estep, C. LeButt, H. C. Flick-Smith, H. E. Jones, H. Li, and C. P. Quinn	5978–5987
Therapeutic Efficacy of High-Dose Intravenous Immunoglobulin in <i>Mycobacterium tuberculosis</i> Infection in Mice	Eleanor Roy, Evangelos Stavropoulos, John Brennan, Stephen Coade, Elena Grigorieva, Barry Walker, Belinda Dagg, Ricardo E. Tascon, Douglas B. Lowrie, M. Joseph Colston, and Stephen Jolles	6101–6109
Anamnestic Responses of Mice following <i>Mycobacterium tuberculosis</i> Infection	Arati B. Kamath and Samuel M. Behar	6110–6118
Anti-LcrV Antibody Inhibits Delivery of Yops by <i>Yersinia pestis</i> KIM5 by Directly Promoting Phagocytosis	Clarissa Cowan, Alexander V. Philipovskiy, Christine R. Wulff-Strobel, Zhan Ye, and Susan C. Straley	6127–6137
The Protective Effect of Antibody in Immunity to Murine Chlamydial Genital Tract Reinfection Is Independent of Immunoglobulin A	Sandra G. Morrison and Richard P. Morrison	6183–6186
MOLECULAR GENOMICS		
Horizontally Acquired Genes for Purine Salvage in <i>Borrelia</i> spp. Causing Relapsing Fever	Alan G. Barbour, Adrienne D. Putteet-Driver, and Jonas Bunikis	6165–6168

Cover photograph (Copyright © 2005, American Society for Microbiology. All Rights Reserved.): Adherence of *Streptococcus pneumoniae* to the human epithelial cell line HEp-2 3 h after infection as seen by high-resolution field emission scanning electron microscopy. The capsular structure of pneumococci was visualized on the basis of a lysine acetate-ruthenium red fixation protocol. This modified fixation allows for the detection of different amounts of capsular material of adherent and nonadherent pneumococci (phase variation). (See related article in the August 2005 issue: vol. 73, p. 4653.)