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**HOST DEFENSE**

1884 ExoS and ExoT ADP Ribosyltransferase Activities Mediate *Pseudomonas aeruginosa* Keratitis by Promoting Neutrophil Apoptosis and Bacterial Survival  
Yan Sun, Mausita Karmakar, Patricia R. Taylor, Arne Rietsch, and Eric Pearlman

1896 *Plac8*-Dependent and Inducible NO Synthase-Dependent Mechanisms Clear *Chlamydia muridarum* Infections from the Genital Tract  
Raymond M. Johnson, Micah S. Kerr, and James E. Slaven

1905 IL-12RB2 Is Essential for the Development of Experimental Cerebral Malaria  
Matthilde Fauconnier, Jennifer Palomo, Marie-Laure Bourrigault, Sandra Mene, Frédéric Szeremeta, Jean-Claude Beloeil, Adeline Danneneis, Sabine Charron, Paical Rihet, Bernhard Ryffel, and Valérie F. J. Quesniaux

1915 STAT1-Independent Control of a Neurotropic Measles Virus Challenge in Primary Neurons and Infected Mice  
Lauren A. O’Donnell, Stephen Conway, R. Wesley Rose, Emmanuelle Nicolas, Michael Slifker, Siddarth Balachandran, and Glenn F. Rall

1924 IL-21 Promotes the Pathologic Immune Response to Pneumovirus Infection  
Roanne Spolski, Lu Wang, Chi-Keung Wan, Cynthia A. Boneille, Joseph B. Domachowske, Hyoung-Pyo Kim, Zuxi Yu, and Warren J. Leonard

1933 Defective CD8 T Cell Responses in Aged Mice Are Due to Quantitative and Qualitative Changes in Virus-Specific Precursors  
Vilma Deconan, Brian J. Laidlaw, Travis A. Doering, Jin Leng, Hildegund C. J. Ertl, Daniel R. Goldstein, and E. John Wherry

1942 *Trypanosoma cruzi* Immune Evasion Mediated by Host Cell-Derived Microvesicles  
Igor Cestari, Ephraim Ansa-Addo, Poliana Deolindo, Jameel M. Inal, and Marcel I. Ramirez

1953 Activation of the NLRP3 Inflammasome by Group B Streptococci  
Alessandro Costa, Rahul Gupta, Giacomo Signorino, Antonio Malara, Francesco Cardile, Carmelo Biondo, Angelina Midiri, Roberta Galbo, Patrick Trieu-Cuot, Salvatore Papasergi, Giuseppe Tetti, Philipp Hennexe, Giuseppe Mancuso, Douglas T. Golenbock, and Concetta Beninati

1961 Alcohol Impairs the Myeloid Proliferative Response to Bacteremia in Mice by Inhibiting the Stem Cell Antigen-1/ERK Pathway  

**INFLAMMATION**

1970 Matrix Metalloproteinase-Dependent Microsomal Prostaglandin E Synthase-1 Expression in Macrophages: Role of TNF-α and the EP4 Prostanoid Receptor  
K. M. Faisal Khan, Poonam Kothari, Baoheng Du, Andrew J. Dannenberg, and Domenick J. Falcone

1981 Anti–IL-20 Monoclonal Antibody Suppresses Breast Cancer Progression and Bone Osteolysis in Murine Models  
Yu-Hsiang Hsu, Chung-Hsi Hsing, Chien-Feng Li, Chien-Hui Chan, Ming-Chung Chang, Jing-Jou Yan, and Ming-Shi Chang

1992 Caspase-4 Is Required for Activation of Inflammasomes  
Gabriel Sollberger, Gerhard E. Strittmatter, Magdalena Kistowska, Lars E. French, and Hans-Dietmar Beer

2001 CD69 Regulates Type I IFN-Induced Tolerogenic Signals to Mucosal CD4 T Cells That Attenuate Their Colitogenic Potential  
Katarina Radulovic, Calin Manta, Valerio Rossini, Karlheinz Holzmann, Hans A. Kestler, Ursula Maria Wegenka, Toshinori Nakayama, and Jan Hendrik Niess

2014 Membrane-Tethered MUC1 Mucin Is Phosphorylated by Epidermal Growth Factor Receptor in Airway Epithelial Cells and Associates with TLR5 To Inhibit Recruitment of MyD88  
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