Dr. Hazlett Receives Department of Defense Grant

Karsten R.O. Hazlett, Ph.D., received a five and one half year, $3.1M grant from the U.S. Department of Defense in support of his research entitled, “Protein and Lipid Signatures of Francisella tularensis and Acinetobacter baumannii.” This research will be performed in collaboration with the University of Maryland and the University of Chicago.

Dr. Duus Receives NIH Grant

Karen M. Duus, Ph.D., received a two year, R03 $158,000 grant from the National Institutes of Health, National Institute of Allergy and Infectious Diseases in support of her research entitled, “Reagents for the Analyses of CMI in the Ferret Influenza Model.”

Dr. Konan Receives NIH Grant

Kouacou V. Konan, Ph.D., received a one-year R56 Bridge Grant from the National Institutes of Health, National Institute of Allergy and Infectious Diseases in the amount of $392,758 in support of his research entitled, “Nonstructural 4B Protein and Hepatitis C Virus Replication Complex.”

Congratulations Maninjay on a successful defense!
CIMD staff attended the Annual Holiday Party at the Mohawk River County Club in Scotia, NY on December 16, 2011. Everyone had a wonderful time with the evening ending in a brief recap from Dr. Metzger of this year’s accomplishments.

**Peer-reviewed Publications**


Dennis W. Metzger, Ph.D., was invited to give a seminar entitled, “Approaches for Mucosal Vaccination Against Pulmonary Pathogens,” at the University of North Dakota School of Medicine and Health Sciences in Grand Forks, ND, September 16, 2011.

Edmund J. Gosselin, Ph.D., was invited to give a presentation entitled, “Fc Receptor-Targeted Vaccines: A Novel Adjuvant-Independent Approach for Mucosal Vaccination Against Intracellular and Extracellular Mucosal Pathogens,” at the 5th Annual Vaccine Renaissance Conference in Providence, RI, October 17-19, 2011.

Timothy J. Sellati, Ph.D., was invited to give a seminar entitled, “Redefining the Role of Innate Immunity in Bacterial Pathogenesis One Infectious Disease Model at a Time,” at The Trudeau Institute in Saranac Lake, NY, October 21, 2011.

CIMD had a number of representatives who attended the 14th Annual Upstate New York Immunology Conference at The Sagamore Resort and Conference Center in Bolton Landing, NY, October 23-25, 2011. Dr. Yoichi Furuya and Dr. Bikash Sahay were invited speakers and their respective presentations were entitled, “Susceptibility of Asthmatic Mice to Influenza A Virus” and “cAMP-dependent IL-10 Production Determine the Severity of Lyme Disease.” Also in attendance were Dr. James Drake, Dr. Jonathan Horton, Dr. Kate MacNamara, Dr. Dennis Metzger, Dr. Sivakumar Periasamy, and Alan Sanfilippo.

Timothy J. Sellati, Ph.D., was invited to Chair a session entitled Host-Pathogen Interactions at the 46th Annual Region I Meeting of the American Society for Microbiology, in Boston, MA, October 27, 2011.

Dennis W. Metzger, Ph.D., was invited to be a Scientific Advisory Group Member of the National Institutes of Health, National Institute of Allergy and Infectious Diseases “Human Immunology Project Consortium (HIPC),” and participated in its November 9-11, 2011 meeting in Palo Alto, CA, where the group reviewed the progress of >$100M NIH grants previously awarded to study immune responses in humans.

Kirs Järvinen-Seppo, M.D., Ph.D., was invited to give a seminar entitled, “New Insights to Prevention of Food Allergy,” at Mount Sinai School of Medicine in New York, NY, November 19, 2011.

Kirs Järvinen-Seppo, M.D., Ph.D., was invited to give a seminar entitled, “Food Allergy: Current and Future Diagnosis,” at the Annual Meeting of the American College of Allergy, Asthma and Immunology in Boston, MA, November 3-7, 2011.

Dennis W. Metzger, Ph.D., was invited to give a seminar entitled, “Approaches to Mucosal Vaccination using IL-12 as an Adjuvant,” in the Mucosal Immunology Symposium at the 40th Autumn Immunology Conference, in Chicago, IL, November 17-21, 2011.

Edmund J. Gosselin, Ph.D., a member of the Conference Organizing Committee, was invited to give a Keynote Presentation entitled, “Fc Receptor-Targeted Vaccines: A Novel Adjuvant-Independent Approach for Mucosal Vaccination Against Intracellular and Extracellular Mucosal Pathogens,” Chaired the Vaccines Against Bio-terrorism Session, and presented his research entitled, “Mucosal Immunization with an Unadjuvanted Vaccine that Targets S. pneumoniae PspA to Human FcyRI Protects Against Pneumococcal Infection via Complement–and Lactoferrin-Mediated Bactericidal Activity,” at the International Conference and Exhibition on Vaccines and Vaccination in Philadelphia, PA, November 22-24, 2011.

Dennis W. Metzger, Ph.D., served as a Scientific Advisory Board Member for the National Institutes of Health, National Institute of Allergy and Infectious Diseases B and T Cell Epitope Discovery Working Group in Washington, DC, December 13-14, 2011.

James R. Drake, Ph.D., was invited to give a seminar entitled, “MHC Class II Restricted Antigen Processing F. tularensis and MHC Class II Subsets,” at the Department of Microbiology and Immunology at SUNY Upstate Medical University, in Buffalo, NY, December 15, 2011.

Dennis W. Metzger, Ph.D., was invited to give a seminar entitled, “Secondary Bacterial Infections as the Primary Cause of Death from Influenza,” at the Department of Microbiology and Immunology, University of Texas Medical Branch in Galveston, TX, December 19-20, 2011.

Kirs Järvinen-Seppo, M.D., Ph.D., was invited to give a seminar entitled, “Food Allergy: Current and Future Diagnosis,” at the Annual Meeting of the American College of Allergy, Asthma and Immunology in Boston, MA, November 3-7, 2011.


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**Upcoming CIMD Seminars**

**January 23, 2012**

12 Noon, MS-316

Dennis Metzger, Host

Faculty Candidate

Lei Jin, Ph.D.

Instructor

Department of Immunology

National Jewish Health

University of Colorado, Denver

“STING Mediated Host Defense”

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**March 5, 2012**

12 Noon, MS-316

Liang Tang, Ph.D.

Assistant Professor

Biochemistry and Microbiology

Department of Molecular Biosciences

University of Kansas

“TBA”

Kouacou Konan, Host

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**March 12, 2012**

12 Noon, MS-316

Michael Princiotta, Ph.D.

Assistant Professor

Department of Microbiology & Immunology

SUNY Upstate Medical University

“TBA”

James Drake, Host

www.amc.edu/academic/research/imd.html