

DHC Receives American Recovery and Reinvestment Funds

The Digestive Health Center (DHC) has received an administrative supplement award from the American Recovery and Reinvest Act. The center will use these funds to acquire a real time multiplex PCR instrument. The award will also provide additional support to current pilot and feasibility recipients and will increase the amount and number of awards for our next round of pilot and feasibility applications (see below). Look for updates in future newsletters.



Request for Pilot and Feasibility Applications



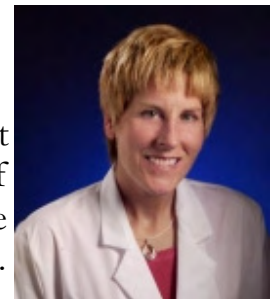
Applications are solicited for pilot projects to conduct basic, translational, and patient based or outcomes research broadly relating to pediatric digestive disease. Applications will be considered in all areas of digestive disease research with particular emphasis on the following Digestive Health Center research themes: **1) Chronic Liver Disease; 2) Digestive Organ Failure and Transplantation; 3) Inflammatory and Diarrheal Diseases; 4) Obesity.**

Funds will support highly focused projects from individual investigators and are intended to provide support to collect preliminary data sufficient to support an application for independent research through traditional NIH mechanisms. Funding for projects will range from \$40,000 to \$50,000 depending on budgetary needs and number of selected applications. Eligible applicant must have a faculty appointment at Cincinnati Children's Hospital Medical Center and/or the University of Cincinnati College of Medicine within one month of the anticipated start date June 1, 2010. DHC membership is not required.

The deadline for submission is **Monday December 7, 2009 at 5:00 pm.** The guidelines for submission are available on the DHC web site: www.cincinnatichildrens.org/dhc. Applications and questions should be sent to: Cynthia Wetzel, PhD Program Manager of DHC at cynthia.wetzel@cchmc.org.

Fall Seminar Series Starts with Anna Mae Diehl, MD

The Digestive Health Center fall seminar series will begin on **Tuesday September 1** at noon in Research Auditorium. The DHC in partnership with the University of Cincinnati, Department of Surgery will host Anna Mae Diehl, MD from Duke University. Dr. Diehl is Chief of Gastroenterology and Director of Duke Liver Center. The title of her presentation is "New Mechanisms for Repair of Chronic Liver Injury".



New Flow Cytometry Core Service

The DHC will provide discounts at Cincinnati Children's Hospital Medical Center Research Flow Cytometry Core starting September 1, 2009.

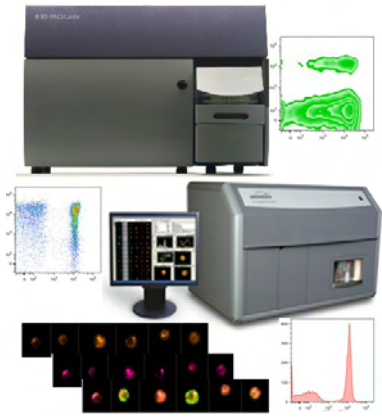
REDUCED COST:

Annual fee for one copy of FlowJo software waived for DHC member with at least quarterly use of the Research Flow Cytometry Core (\$ 225 savings).

Reduced fee for FACS analyzer use: \$32/hr (which represents a 20% discount) of data acquisition time with flow cytometer not to exceed \$300 worth of discounts per PI per year.

For more information visit the Research Flow Cytometry Core website:

<http://www.cincinnatichildrens.org/research/cores/flow-cyto>



Bioinformatics Workshop

“Know Your Transcriptome Data”

Workshop aims to give hands on experience to databases and tools to analyze gene expression data sets. Topics covered will include gene regulatory networks analysis and functional enrichment analysis.

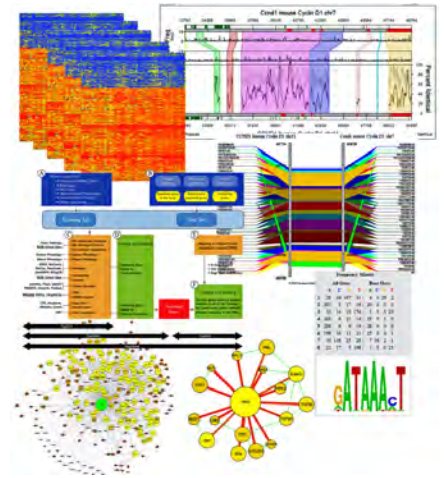
Given By: Anil Jegga, DVM, MRCS

Date: Tuesday September 29

Time & Location: 9:30 am - 12:30 pm; CCHMC Location D2.43

Seating is limited. Contact Cynthia Wetzel, PhD for reservations.

Email: cynthia.wetzel@cchmc.org Phone: 636-9605



DHC Member Highlights



Tschöp: Elected to American Society For Clinical Investigation

Matthias Tschöp, MD was selected as a new member of the prestigious American Society for Clinical Investigation (ASCI). His selection was announced at the 2009 annual meeting in Chicago. Dr. Tschöp is joining one of the nation's oldest and most respected medical honor societies. He joins the following DHC members who are members of ASCI: Jorge Bezerra, MD; Greg Grabowski, MD; Chris Karp, MD; Marc Rothenberg, MD, PhD; Arnold Strauss, MD; and Jeff Whitsett, MD.

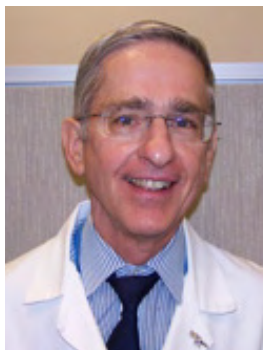
We congratulate Dr. Tschöp on this prestigious honor!

Hoebe, Mattner and Shroyer New NIH R01 Investigators

Kasper Hoebe, PhD (Division of Molecular Immunology, Dept. of Pediatrics), Jochen Mattner, MD (Division of Immunobiology, Dept. of Pediatrics) and Noah Shroyer, PhD (Division of Gastroenterology, Dept. of Pediatrics) have received their first NIH R01 grant. “Functional Analysis of NK Cells and Their Potential to Generate CTL Responses” is the title of Dr. Hoebe’s grant funded by NIAID. Dr. Mattner’s project, funded by NIDDK, is entitled “Primary Biliary Cirrhosis: Molecular Genetics and Microbial Pathogenesis”. “The Role of ATOH1 as a Tumor Suppressor In Colorectal Cancer” is the title of Dr. Shroyer’s grant funded by NCI. We congratulate Drs. Hoebe, Mattner and Shroyer!



DHC Member Highlights continued



Balistreri Receives AGA Distinguished Educator Award

William Balistreri, MD received the 2009 Distinguished Educator Award from the American Gastroenterological Association for his achievement as an outstanding educator over a lifelong career. Dr. Balistreri has played a major role in determining how pediatric gastroenterologists are trained, evaluated, and certified. We congratulate Dr. Balistreri on receiving this award.

New DHC Members

The Digestive Health Center is pleased to welcome a 5 new Members:

Kasper Hoebe, PhD is an Assistant Professor in the Division of Molecular Immunology, Dept. of Pediatrics at CCHMC. One area of Dr. Hoebe's research is to identify the physiological role of GIMAP5 in the development of colitis.

Jennifer Kaplan, MD, MS is an Assistant Professor in the Division of Critical Care Medicine, Dept. of Pediatrics at CCHMC. Her current research involves understanding critical links between inflammatory pathways in sepsis & obesity.

Alexander Miethke, MD is an Assistant Professor in the Division of Gastroenterology, Hepatology, & Nutrition, Dept. of Pediatrics at CCHMC. The goal of Dr. Miethke's research is to delineate whether regulatory T cells contribute to the pathogenesis of biliary atresia.

Sean Moore, MD is an Assistant Professor in the Division of Gastroenterology, Hepatology, & Nutrition, Dept. of Pediatrics at CCHMC. Dr. Moore's research focuses on the cellular and molecular mechanisms by which a novel glutamine-based oral rehydration and nutrition therapy drives intestinal barrier repair in patients with diarrhea and malnutrition.

Charles (Chip) Samson, MD is an Instructor in the Division of Gastroenterology, Hepatology, & Nutrition, Dept. of Pediatrics at CCHMC. His research interest is investigating the mechanisms involved in the homeostatic responses to gut injury and the role of the innate immune system in the development of inflammatory bowel disease.

Jeffrey Whitsett, MD is Professor, Director of Perinatal Institute, and Chief, Section of Neonatology, Perinatal and Pulmonary Biology, Dept. of Pediatrics at CCHMC. Dr. Whitsett's digestive disease project focuses on the role of Sox, KLF, and Ets protein in GI development and function.



For all publications, please acknowledge the DHC as follows:

This project was supported in part by PHS Grant P30 DK078392.

For more information regarding the DHC please contact one of the following:

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Lee (Ted) A. Denson, MD	Associate Director	lee.denson@cchmc.org
Aaron M. Zorn, PhD	Associate Director	aaron.zorn@cchmc.org
Cynthia C. Wetzel, PhD	Program Manager	cynthia.wetzel@cchmc.org



DHC Seminar Series

Our seminars are held **on Tuesdays at noon in Location S Room 6.125** Bring your lunch. Soft drinks and cookies are provided. The enrichment series includes distinguished speakers from outside the Academic Medical Center, as well as conferences by investigators and research fellows from Cincinnati, and journal clubs. For current information see: <http://www.cincinnatichildrens.org/dhc/seminar.htm>

Conference Date	Presenter	Title/Topic
September 1, 2009 *distinct location Research Auditorium	Anna Mae Diehl, MD Duke University	“New Mechanisms for Repair of Chronic Liver Injury”
September 8, 2009	Simon Hogan, PhD Allergy and Immunology	“Mast Cells in Intestinal Immunity and Function”
September 15, 2009	Christopher Lindsell, PhD Co-Director BioMETrCS	Overview of Biostatistical Support for DHC Members
September 22, 2009	Emily Bradford Dept Molecular Genetics	"Intestinal Fluid Homeostasis in CF Mice"
September 29, 2009 *distinct time & location 9:30 am D2.43	Anil Jegga, DVM, Mrs Biomedical Informatics	Hands on Bioinformatics Workshop: “Know Your Transcriptome Data” Note: Registration Required email cynthia.wetzel@cchmc.org
October 6, 2009	Philip Howles, PhD Dept Pathology & Laboratory Med	"Carboxyl Ester Lipase Effects on Cholesterol Metabolism: Physiological Functions and Pharmacologic Potential"
October 13, 2009	Elise Demitrack Dept Molecular & Cellular Physiology	“Gastric Defenses Against Damage: Pre-Epithelial and Epithelial Mechanisms”
October 20, 2009	Paul Pfluger, PhD Dept of Internal Medicine	Ghrelin signaling
October 27, 2009	Vladimir Kalinichenko, MD, PhD Neonatology & Pulmonary Biology	“Forkhead Box M1 Transcription Factor in Liver Development and Repair”
November 3, 2009	William Ridgway, MD Dept Internal Medicine	“Immunogenetic Control of Autoimmune Biliary Disease”
November 10, 2009	Geraldine Guasch, PhD Developmental Biology	“The Role of Stem Cells in Epithelial Tissue Morphogenesis and in Tumor Formation”
November 17, 2009	Darleen Sandoval, PhD Dept of Psychiatry	“The Role of GLP-1 in Regulating Glucose Homeostasis: Central vs. Peripheral Actions”
November 24, 2009	Thanksgiving Week– No Conference	
December 1, 2009	Yoram Vodovotz, PhD University of Pittsburgh	Inflammatory response under various types of stress
December 8, 2009	Xi (Jason) Jiang, PhD Infectious Diseases	“Norovirus Host Interaction Related to Intestinal Carbohydrate Receptors”

