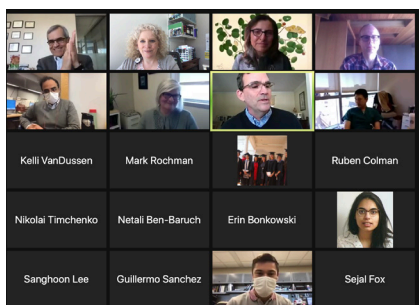


Highlights from the 2021 Annual Scientific Symposium



Presentation Winners
from Left to Right:
Jacob Enriquez
Julie Osborn, MD
J. Guillermo Sanchez



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The Digestive Health Center (DHC) held its Annual Scientific Symposium virtually on Tuesday, February 23. The morning included 2 sessions of outstanding presentations from 17 digestive disease researchers. This was followed by Dr. Holger Willenbring from University of California, San Francisco presenting the keynote address “Cellular Origins in Liver Regeneration and Cancer”. The following prizes were awarded for the best presentations:

First Place: Jacob Enriquez (Graduate Student, Department of Pediatrics, Division of Developmental Biology, member of Dr. Jim Wells’ lab) for “Intestinal Neurog3 Derived Populations During Homeostasis and Acute High Fat Diet”.

Second Place: Julie Osborn, MD (Clinical Fellow, Department of Pediatrics, Division of Gastroenterology, Hepatology and Nutrition, member of Dr. Jorge Bezerra’s lab) for “Novel Serum Biomarkers of Portal Hypertension in Children with Biliary Atresia”.

Third Place: J. Guillermo Sanchez (Graduate Student, Department of Pediatrics, Division of Developmental Biology, member of Dr. Jim Wells’ lab) for “Using Human Pluripotent Stem Cell-derived Organoids to Investigate Regional-Specific Features of the Small Intestine”.

See Page 2 for more highlights from the Annual Scientific Symposium.

DHC NIH Competitive Renewal Due July 1



The DHC National Institute of Diabetes and Digestive and Kidney (NIDDK) competitive renewal application is due July 1. Our External Advisory Board provided the DHC leadership valuable feedback regarding our application.

Jill Soldano, DHC administrative assistant, will be contacting all DHC Members requesting their biosketches and information regarding their research program in the upcoming weeks. Please respond to her request in a timely manner.

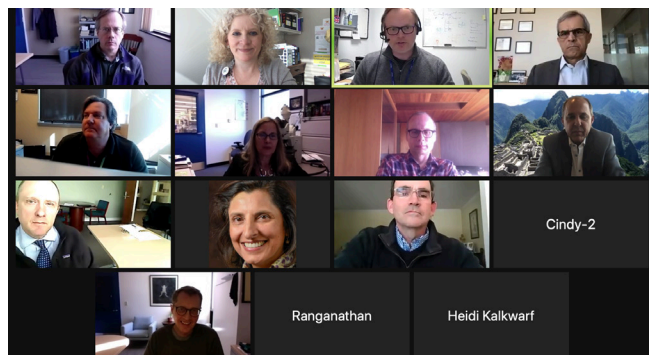
Let’s work together to showcase the strength of our research base, the high quality of core services, and the rich scientific environment at Cincinnati Children’s and the University of Cincinnati.

Photos and Highlights from Annual Scientific Symposium Continued

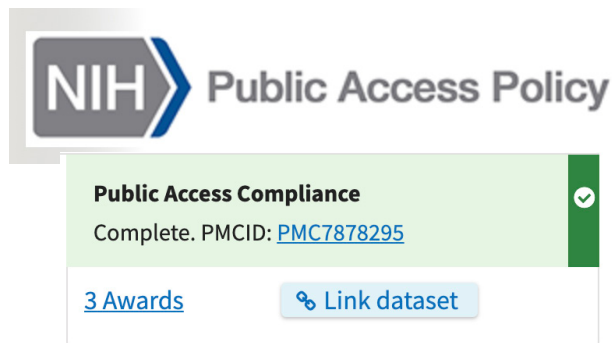
We would like to thank Jill Soldano for her incredible job transitioning the visit of the DHC External Advisory Board Members and the Annual Scientific Symposium to a virtual platform.

We would like to especially thank Drs. Stacey

Huppert and Michael Rosen for moderating the abstract presentations. We also thank those who served as judges: Drs. Rajat Madan, Taka Nakamura, Nick Timchenko, Kelli VanDussen, Stephen Waggoner, and Chunyue Yin.



NIH Public Access Policy and Acknowledge DHC Grant



The National Institutes of Health (NIH) Public Access Policy requires that the final version of any peer-reviewed research article resulting from NIH funding must be submitted to the NIH Manuscript Submission (NIHMS) system for the publication to be publicly available in the PubMed Central repository. The publication will be assigned a PubMed Central ID number (PMCID). This is different than the PMID (PubMed ID) number that is assigned to the abstract of the article.

The majority of the journals will submit original research publications to the NIHMS system on behalf of the authors as long as the authors indicate that the work was supported by the NIH at the time of submitting the manuscript to be considered for publication.

For a list of journals that make the final published version of all NIH-funded articles available in PubMed Central visit this [website](#).

For a list of publishers that do not automatically deposit every NIH-funded paper in PubMed Central visit this [website](#). Authors must make arrangements with these journals to submit the article to NIHMS or submit it themselves.

All publications resulting from NIH funding must be submitted to NIHMS immediately upon acceptance for publication either by the journal or the author. Processing an article through the NIHMS system requires time and approving the submission twice.

Publications must have a PMCID number within 3 months from the publication date. The NIH will delay the release of funds if publications associated with NIH funding are not compliant by having a PMCID number.

If you have received a Research Core subsidy from the DHC, please acknowledge the grant in your publication by stating:

“This work was supported by NIH grant P30 DK078392 (insert here the name of the core used) of the Digestive Diseases Research Core Center in Cincinnati.”

Help the DHC to be compliant by acknowledging the grant and ensuring your publication has a PMCID number.

DHC Member Highlights

Sherman Receives Distinguished Research Award



Kenneth Sherman, MD PhD received the University of Cincinnati Distinguished Research Professor Award for the STEM disciplines. Dr. Sherman is the Division Director of Digestive Diseases in the Department of Medicine. He is internationally known for his research on viral hepatitis epidemiology, immunopathogenesis, diagnostics, and treatment.

Takebe Elected to ASCI and Receives Research Achievement Award

Takanori Takebe, MD was selected as a new member of the prestigious American Society for Clinical Investigation (ASCI). Dr. Takebe is a member in the Divisions of Gastroenterology, Hepatology, and Nutrition & Developmental Biology at Cincinnati Children's. He is the Director for Commercial Innovation for CuSTOM (Center for Stem Cell & Organoid Medicine). Dr. Takebe will be joining one of the nation's oldest and most respected medical honor societies. Other DHC members who are members of ASCI include Drs. Jorge Bezerra, Fred Finkelman, Shailendra Patel, Marc Rothenberg, Sing Sing Way.



Dr. Takebe also received the Cincinnati Children's Research Achievement Faculty Award. He is globally recognized for his pioneering work using human induced pluripotent stem cells to gen-

erate liver organoids to model human diseases.

Zorn Receive Research Achievement Award



Aaron Zorn, PhD received the Cincinnati Children's Research Achievement Faculty Award. Dr. Zorn is the DHC Associate Director overseeing the Pilot and Feasibility Program and Director of CuSTOM (Center for Stem Cell & Organoid Medicine). He is a member in the

Division of Developmental Biology. Dr. Zorn is a highly accomplished scientist using the *Xenopus* model system and human pluripotent stem cells to understand the molecular basis of organ development.

Wikenheiser-Brokamp Receives Educational Award

Kathryn Wikenheiser-Brokamp, MD, PhD received the Cincinnati Children's Educational Achievement Faculty Award. She has developed and implemented multiple physician scientists training initiatives and plays a critical role in recruiting and training students in the NIH funded Medical Scientist Training Program as the Associate Director. She has mentored 10 trainees and served on 31 PhD Dissertation Committees. Dr. Wikenheiser-Brokamp is the Director of the DHC Integrative Morphology Core. She is also a Pathologist and Researcher in the Division of Pathology.



DHC Welcomes New Member and Transition to Full Membership

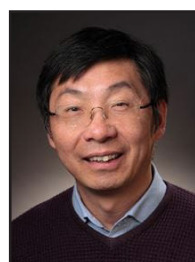
Iwafuchi New DHC Member



Makiko Iwafuchi, PhD is an Assistant Professor in the Department of Pediatrics, Division of Developmental Biology at Cincinnati Children's who has become a DHC Associate Member.

Her long-term research goal is to understand gene and epigenetic regulatory principles underlying dramatic cell fate changing events that occur in embryonic liver development, tissue repair, and disease.

Zheng Transition to Full Membership



Yi Zheng, PhD Professor and Division Director of Experimental Hematology & Cancer Biology in the Department of Pediatrics at Cincinnati Children's has transitioned to being a Full DHC Member. He used preliminary data generated from his DHC Pilot and Feasibility Award for his R01 that he received from the National Institute on Aging. The title of his grant is "Novel Mechanism of Intestinal Stem Cell Aging".

Seminar Series- Tuesdays at Noon, Virtually via Zoom

See weekly email announcement for link

Date	Presenter	Title
3/23/21	Matthew Kofron, PhD CCHMC: Confocal Imaging Facility	"Modern Imaging, Sample Preparation, Analysis & AI Processing Tools of DHC Research"
3/30/21	Senu Apewokin, MD UC: Department of Internal Medicine Division Infectious Diseases	"Taking Microbiome Science Beyond Taxonomic Profiling"
4/6/21	Chandrashekhhar Gandhi, PhD CCHMC: Gastroenterology	"Hepatic Stellate Cells: The Central Communicators in Liver Inflammation and Injury"
4/13/21	Juanita Merchant, MD, PhD University of Arizona Tucson	"Helicobacter, Hedgehog and Orchestrating Myeloid Cell Plasticity"
4/20/21	Allison Ta, MD CCHMC: Gastroenterology	"MR Enterography Findings Associated with Microbial Shifts and Gene Expression in Pediatric Crohn's Disease"
4/27/21	Nicholas Ollberding, PhD CCHMC: Biostatistics and Epidemiology	"The Microbial Metagenomics Analysis Center at CCHMC"
5/4/21	Ruben Colman, MD CCHMC: Gastroenterology	Pharmacokinetic, Pharmacodynamic and Microbial Predictors of Infixamab in Pediatric Crohn's Disease"
5/11/21	Jonathan Dillman, MD, MSc CCHMC: Radiology	"MRI of Liver Fibrosis - Past, Present and Future"
5/18/21	Kathryn Clarkston, MD CCHMC: Gastroenterology	"Targeted Assessment of Mucosal Immune Gene Expression Predicts Clinical and Endoscopic Outcomes in Children with Ulcerative Colitis"
5/25/21	Julie Osborn, MD CCHMC: Gastroenterology	"Novel Serum Biomarkers of Portal Hypertension in Children with Biliary Atresia"

For more information regarding the DHC visit our [website](#) or contact one of the following:

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