



**Research Now | September 2016**

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Please take this chance to learn about the latest in research and academics on our campus, including a technique that has the ability to contribute to the development of personalized medicine and to bridge a crucial gap between scientific knowledge and clinical application.

- **John Barnard, MD, President, The Research Institute**



### **Researchers Use Sequencing Technique to Identify Genetic Cause of Congenital Heart Disease in At-Risk Patients**

A recent study from Vidu Garg, MD, Kim L. McBride, MD, MS, and Peter White, PhD, at Nationwide Children's Hospital is the first to demonstrate that whole exome sequencing can be applied to clinical testing of congenital heart disease, the most common type of birth defect, affecting 40,000 births per year in the United States.

### **Researchers at Nationwide Children's Hospital Describe New Type of Cancer Therapy**

Timothy Cripe, MD, PhD, principal investigator in the Center for Childhood Cancer and Blood Diseases in The Research Institute is senior author of a study that has found a new chemotherapy is effective against both pediatric and adult cancers, and that it allows other chemotherapies to more readily reach their targets. Read more in the *Pediatrics Nationwide* article.



### **\$2.5 Million Grant Supports Calcific Aortic Valve Disease Research at Nationwide Children's Hospital**

Vidu Garg, MD, Joy Lincoln, PhD, and Brenda Lilly, PhD, all in the Center for Cardiovascular Research at The Research Institute, were awarded the four-year grant to continue working to identify what causes CAVD, the most common valvular disorder in developed countries.

### **Recent Publications**

View recent publications from investigators and clinicians affiliated with Nationwide Children's Hospital.



### **2016 Intramural Awardees for 2nd Quarter**

Six faculty and three fellows from Nationwide Children's Hospital were awarded intramural funding for the 2<sup>nd</sup> quarter of 2016. View the announcement for more information.

### **Tools of the Trade: Introduction to Clinical & Translational Research**

The Ohio State University Center for Clinical and Translational Science, in partnership with Nationwide Children's Hospital, is hosting its next Tools of the Trade event on Tuesday, September 27 at The Ohio State University. View the news item for more info or to register.



### **Health IT Week Showcase and Open House on September 28**

All are welcome to celebrate National Health IT Week and find out how Information Technology employees are helping transform healthcare at Nationwide Children's. Learn more on the NHIT website.

### **Next Research Live Show on Monday, October 3**

Discover more about our research on infants as John Barnard, MD, president of The Research Institute, interviews Nathalie Maitre, MD, PhD, principal investigator in the Center for Perinatal Research and director of the NICU Follow-up Program and NICU Music Therapy Program at Nationwide Children's. View the news item for details.



### **Events Calendar**

View a listing of weekly seminars and upcoming events for academics and research at Nationwide Children's Hospital.

### **Next Technology Development Fund Deadline on October 3**

The Office of Technology Commercialization is excited to announce this year's second round of the Technology Development Fund, which provides up to \$50,000 to either one awardee or multiple awardees. For more information or to download the application, visit the website.



## Clinical Studies

For a listing of studies at Nationwide Children's that are currently recruiting participants, visit our clinical research studies website.

## Core Resources for NCH and OSU Investigators

The Biopathology Center Core services as a biobanking and virtual microscopy resource investigators at Nationwide Children's/The Ohio State University, and the Flow Cytometry Core has two new instruments available for users. View the announcement for more information.



## Santiago Partida-Sanchez, PhD, Principal Investigator, Featured on Nationwide Children's Hospital Tumblr

Nationwide Children's Hospital Tumblr endeavors to increase visibility and awareness of all roles and experiences among our 10,000-employee staff, all of whom uniquely shape the care we provide for our patient families. Together, we can foster a strong sense of inclusion and pride, because every one of our employees is critical to the hospital's mission.

## Research News Room

To keep up with more of the latest Nationwide Children's research news, visit the Research News Room. To be notified when our news release section is updated, please [sign up to receive e-mail updates](#) or stay connected with our RSS feeds.

To submit content for consideration in Research Now, or to give feedback, email [ResearchNow@NationwideChildrens.org](mailto:ResearchNow@NationwideChildrens.org)

**The next issue will be distributed on October 3, 2016. The deadline to submit content is Monday, September 26, 2016.**

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