

Research Now | August 2015

Exploring Research and Academics at Nationwide Children's Hospital

Dear Nationwide Children's colleagues,

At The Research Institute, our work is supported by grants, mainly from the federal government's National Institutes of Health (NIH). With the federal budget being tight, the competition is stiff – only a small fraction of grant applications are selected for funding. The link at the bottom of this newsletter provides information about some of our recent grant awards. Please take a look, and when you see these physicians and scientists around campus, please congratulate them for a job well done!

Sincerely,

John Barnard, MD
Ann I. Wolfe Endowed Chair in Pediatric Research
President, The Research Institute at Nationwide Children's Hospital
Professor and Interim Chair, Department of Pediatrics
The Ohio State University College of Medicine

RESEARCH AND DISCOVERY

DNABII Proteins Play Critical Role in Maintaining Biofilm Structure of Uropathogenic *E. coli*, a Major Cause of UTIs

Steven D. Goodman, PhD, principal investigator in the Center for Microbial Pathogenesis at The Research Institute at Nationwide Children's, is lead author of a *Molecular Microbiology* study that demonstrates the importance of DNABII proteins for the development of biofilms, microbial communities involved in most chronic and recurrent bacterial infections, including urinary tract infections.

Virotherapy Shows Promise Against Highly Malignant Pediatric Tumors

Adam Studebaker, PhD, research scientist in the Center for Childhood Cancer and Blood Diseases at The Research Institute at Nationwide Children's, is lead author of a recent *Neuro-Oncology* paper that shows a modified measles virus is an effective therapeutic agent against a type of tumor that does not respond well to chemotherapy and primarily affects children under 3 years of age.

Biomarkers Identify Risk of Thrombosis, a Serious Complication of Nephrotic Syndrome

Bryce Kerlin, MD, principal investigator in the Center for Clinical and Translational Research at The Research Institute and a hematologist specializing in blood clotting disorders at Nationwide Children's, is lead author on a *Journal of the American Society of Nephrologists* study that suggests protein in the urine and/or blood levels of albumin could be developed as clinically meaningful surrogate biomarkers of excessive blood clotting.

UPCOMING EVENTS

FRIDAY, AUGUST 7

The Research Institute Food Truck Block Party

11:30AM-1:30PM, Kennedy Drive, outside of RB3

Come celebrate cultural diversity and satisfy your lunchtime hunger with The Research Institute Diversity Enrichment (R.I.D.E.) steering committee at the 2015 Food Truck

Quick Links >>

[Upcoming Events](#)

[Awards and Announcements](#)

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[Research News Room](#)

NCH in the News >>

[Laundry pod dangers \(USA Today\)](#)

[Gene therapy editorial \(Dispatch\)](#)

[Drug candidate shows potential to improve childhood chemotherapy effectiveness \(PR Newswire\)](#)



[Learn more about ResearchMatch](#)



[Learn about clinical studies currently recruiting participants](#)

Block Party! Trucks that will be in attendance include Ajumama, Challah, Cilantro, Alice's Comfort Table, Pitabilities, Dave's Caribbean Food, Winking Scotsman Meat Pies, Sophie's Pierogis and Kona Ice.

Visit the [Research Events Calendar](#) website for a full listing of weekly seminars and research events.

AWARDS AND ANNOUNCEMENTS

[Amanda Graf, MD, FAAP, Receives FAME Career Development Award for Clinicians](#)

[Hadoop Cluster Drives Better Pediatric Care Through Big Data Analytics, First of Its Kind in Ohio](#)

[Maranda McKinley Receives Quarterly Employee Recognition Award](#)

[Mark Hall, MD, Receives Endowed Chair from Development Board](#)

[Recent Grants Awarded to Investigators in The Research Institute](#)



View the summer episode of Research Live (July 27)



Read the latest from Pediatrics Nationwide



To submit content for consideration in Research Now, or to give feedback, email ResearchNow@nationwidechildrens.org.

The next issue will be distributed on September 1, 2015. The deadline to submit content is Tuesday, August 25.

[To view past issues, visit our website.](#)

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