



Research Now | May 2016
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Researchers Provide Insight on How Protein in Centromere Region of Chromosomes May Contribute to Cancer Development

Katsumi Kitagawa, PhD, principal investigator in the Center for Childhood Cancer and Blood Diseases in The Research Institute at Nationwide Children's Hospital, is senior author of study published in *Cell Reports* that shows models of how the protein CENP-A can function incorrectly and lead to abnormalities that are passed from one cell to the next, ultimately causing cancer.

Research Supports Conclusion that Functional Nausea in Children is a Real, Treatable Condition

Functional nausea, or chronic nausea not associated with any underlying disease, is a diagnosis that many physicians remain skeptical of, often ignoring or neglecting the condition in children. Carlo Di Lorenzo, MD, chief of the Division of Gastroenterology, Hepatology and Nutrition at Nationwide Children's, is senior author of a recent review article that has collected the current knowledge on the mechanisms and treatment of functional nausea, demonstrating that the pediatric condition is real and interventions are possible.



Protocol Enables Babies with Neonatal Abstinence Syndrome to be Weaned off Treatment Drugs Faster

The number of babies born to mothers abusing prescription opioids and heroin in the state of Ohio has skyrocketed in the last decade, but new research shows that the adoption of a strict protocol has enabled six regional perinatal centers across Ohio to wean affected babies off treatment drugs faster, resulting in improvements for newborns and families, as well as healthcare cost savings. Read more in the *Pediatrics Nationwide* brief.

Recent Publications

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



Clinical Studies and ResearchMatch

More than 400 volunteers under age 18 have joined the ResearchMatch database, all within a 50-mile radius of Nationwide Children's. If you would like to use ResearchMatch as a recruitment tool to connect with study volunteers, email [Myra George](mailto:myra.george@nationwidechildrens.org).

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

Online Graduate Program Accepting Applications for Autumn 2016

Are you looking to start or advance your career in clinical and preclinical research administration? Learn more about the Master of Applied Clinical and Preclinical Research, an interdisciplinary graduate degree program that is 100% online, can be completed part-time or full-time, and is open to qualified applicants with a bachelor's degree in any area. The program is offered through The Ohio State University Colleges of Nursing, Pharmacy and Medicine.



Jiabin Shen, PhD, Receives American Psychological Association (APA) Achievement Award for Early Career Professionals

Dr. Shen is a postdoctoral fellow for the Patient-Centered Pediatric Research Program (PC-PRoP) in the Center for Pediatric Trauma Research (CPTTR) and the Center for Injury Research and Policy (CIRP) in The Research Institute at Nationwide Children's Hospital, and will receive the award during the 2016 APA Annual Convention in August 2016.

Next Research Live Show on Friday, May 13

Join us at noon on Friday, May 13, in Discovery Auditorium (WA1020), for a special half-hour Research Live Show on gene therapy and clinical trials! John Barnard, MD, president of The Research Institute, will interview Kevin Flanigan, MD, a neurologist at Nationwide Children's and principal investigator in the Center for Gene Therapy at The Research Institute. Everyone is invited for a chance to win prizes, and snacks will be provided – but be sure to bring your lunch!



Events Calendar

Visit the Research Events Calendar for a listing of weekly seminars and upcoming events at The Research Institute.

Save the Date: Inaugural DISCOVERYx Event on June 15

Join us for DISCOVERYx 2016 on Wednesday, June 15 from 1-5PM in Stecker Auditorium! DISCOVERYx is a live, TEDx-inspired event that will showcase ten presenters sharing their stories behind discoveries that have made a difference to improve pediatric health.



Gary A. Smith, MD, DrPH, Finalist for 2016 Green Cross for Safety Award from the National Safety Council

Dr. Smith is the founder and director of the Center for Injury Research and Policy in The Research Institute at Nationwide Children's Hospital, and is one of three Green Cross Safety Advocate award finalists.

Congratulations to the 2016 Intramural Funding Awardees

In 2015, the Intramural Funding Program received the largest number of applicants for the December application cycle, and four awards were granted in February 2016. Learn more about the recent awardees and their research projects.



Nationwide Children's Hospital Launches Flutter for Patient Stories

Flutter is a website where Nationwide Children's Hospital patients can tell their stories in their own words and explore other patient stories. If your child has been a patient or has participated in a research study at Nationwide Children's, share your unique story to inspire others and become a part of a community of parents and caregivers just like you.

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

The next issue will be distributed on June 1, 2016. The deadline to submit content is Monday, May 23, 2016.

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