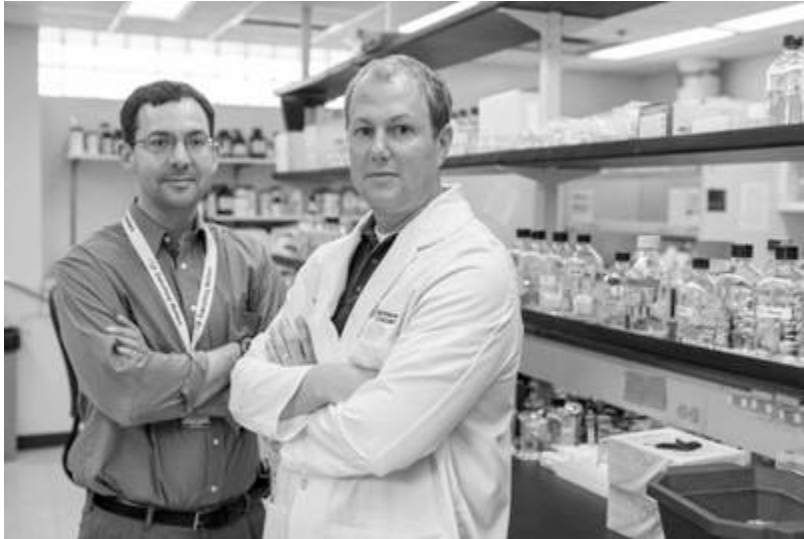




Research Now. | **FEBRUARY 2015**

*The Research Institute at Nationwide Children's Hospital*



*Brian Becknell, MD, and John David Spencer, MD, (right) principal investigators in the Center for Clinical and Translational Research and pediatric nephrologists at Nationwide Children's.*

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## RESEARCH AND DISCOVERY

### [Antimicrobial Activity of Ribonuclease 6 Prevents Urinary Tract Infections](#)

John David Spencer, MD, and Brian Becknell, MD, PhD, principal investigators in the Center for Clinical and Translational Research and pediatric nephrologists, are co-authors of a study that identifies Ribonucleases 6 and its role in maintaining the sterility of the urinary tract to protect against infections.

### [The Immune System May Play a Key Role in Viral Therapy's Effectiveness Against Tumors](#)

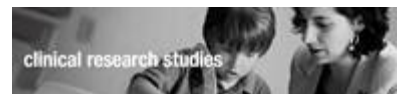
A research team, led by Timothy P. Cripe, MD, PhD, interim director of the Center for Childhood Cancer and Blood Diseases and chief of the Division of Hematology/Oncology/BMT, have found that viral therapy for childhood cancer could improve if treatments such as chemotherapy do not first suppress the immune system of patients.

### [Antibiotic Protocol Improves Outcomes for Critically Ill Children with Infections](#)

Mark Hall, MD, and Todd Karsies, MD, critical care physicians at Nationwide



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

Children's Hospital, authored a study that evaluated the impact of timely and appropriate broad-spectrum antibiotics to develop a framework for clinicians treating patients in the PICU.

## [Recent Peer-Reviewed Publications from NCH Faculty](#)

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### RECENT NEWS

[Make Safe Happen™ App, Most Recent Impact of the Center for Injury Research and Policy](#)

[Rachel Stanley, MD, MHSA, New Division Chair for Emergency Medicine](#)

[2015 Corporate Challenge Table Tennis Results](#)

### GRANTS AND FUNDING RESOURCES

[Upcoming Navision Changes, Information Sessions Will Be Held in February](#)

[Research Purchasing Updates and Vendor Show on March 11 from 9:30AM-1PM](#)

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### RECENT MEDIA COVERAGE

[Make Safe Happen™ Mobile Application](#): Nationwide Insurance has partnered with Safe Kids Worldwide, a global organization dedicated to preventing injuries in children, and Nationwide Children's Hospital for its new campaign, "Make Safe Happen." (Fast Company)

[Researcher Secures Grant to Develop a Standard Statistical Evidence Measure to Reduce Errors in Biomedical Research](#): Veronica Vieland, director of the Battelle Center for Mathematical Medicine in The Research Institute, was recently awarded a \$500,000 grant from the W.M. Keck Foundation for her research study (News Room)

[TechColumbus Announces Landmark Investment in Milo Biotechnology, Exclusive Licensee of Patented Therapy Developed at Nationwide Children's Hospital](#): The new gene-based therapy to treat muscular dystrophy and various other muscular disorders was developed by Brian Kaspar, PhD, principal investigator, and Jerry Mendell, MD, director of the Center for Gene Therapy at Nationwide Children's (TechColumbus)

[Video Game Technology Can Help Measure Upper Extremity Movement in Children with Muscular Dystrophy](#): Developed by researchers at Nationwide Children's and designed with input from patients,



[Fall/Winter Issue of Pediatrics Nationwide](#)

Ability Captured Through Interactive Video Evaluation, or ACTIVE-seated technology, utilizes a Kinect gaming camera to measure muscular function (Healio)