Seattle Children's

Research Institute

Research Institute Fast Facts

- One of the nation's top five pediatric research centers
- $69 million in NIH funding
- $102 million total extramural funding
- A workforce of over 1,600
- 607,000 sq. ft. of clinical and laboratory space
- 38 fundraising guilds dedicated to research

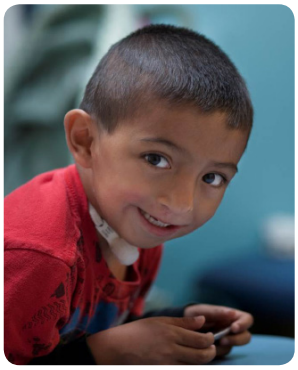
Research Leadership

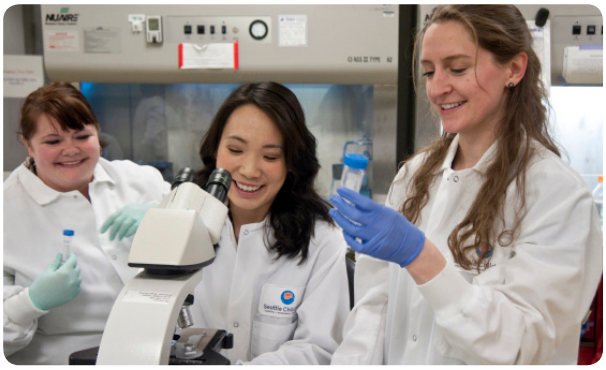
James B. Hendricks, PhD
President

F. Bruder Stapleton, MD
Chief Academic Officer

Our Locations

Seattle Children's Research Institute spans six locations, including Seattle Children's Hospital's main campus, and the Jack R. MacDonald Building and Olive Lab in downtown Seattle.





Every cure for every child starts with: What if?

At Seattle Children's Research Institute, we start each day with a powerful question: What if?

What if we can uncover the causes of childhood diseases? What if we can develop a new generation of treatments and cures? What if we can help children around the world lead happier, healthier lives?

As one of the nation's top five pediatric research institutions, we're turning hundreds of "what ifs" into realities. Our discoveries have improved treatment for childhood cancer, cystic fibrosis and many other diseases. Now we're pursuing the next wave of breakthroughs that could change the world.

Learn More:
www.seattlechildrens.org/research
206-884-7300

Seattle Children's®
HOSPITAL • RESEARCH • FOUNDATION

Hope. Care. Cure.™

Seattle Children's Mission

We provide hope, care and cures to help every child live the healthiest and most fulfilling life possible.

Research Centers

- Ben Towne Center for Childhood Cancer Research
- Center for Child Health, Behavior and Development
- Center for Clinical and Translational Research
- Center for Developmental Biology and Regenerative Medicine
- Center for Global Infectious Disease Research
- Center for Immunity and Immunotherapies
- Center for Integrative Brain Research

Programs

- Office of Science-Industry Partnerships
- Science Education Department
- Treuman Katz Center for Pediatric Bioethics

The beginning of the end of childhood disease

Our investigators are involved in hundreds of projects that cover every phase of research, from studying how diseases work to improving investigational therapies. Our latest advances include:

- **Developing immunotherapy cures for cancer:** We're pursuing promising new treatments that use T-cell immunotherapy, a game-changing approach that "reprograms" a child's immune cells to find and kill cancer cells. In our first clinical trial, 93% of children with acute lymphoblastic leukemia achieved remission (results as of December 2016). Now we're applying immunotherapy to neuroblastoma, brain tumors and many other cancers.

- **Pursuing cures for immune diseases:** Our researchers are creating cells that fight back against immune diseases like type 1 diabetes, HIV and sickle cell disease. We hope that, someday, a single infusion of these cell therapies will cure a child's disease forever.

- **Fixing faulty genes:** We are developing ways to go inside children's cells and fix the genes that cause disease. We're turning this technique into potential therapies that could transform the lives of children with genetic disorders.

- **Solving brain disorders:** Our researchers are working to uncover the causes of autism, epilepsy and other neurological disorders – and investigating innovative new potential treatments.

- **Tackling a new generation of health problems:** We're pursuing ways to prevent and treat the biggest health issues of our era – from childhood obesity to teen depression.

- **Building a landmark facility:** In 2019, we will open the doors of Building Cure – a new, 540,000 square foot research facility that will give us the space and tools to accelerate our research and make more discoveries that transform the lives of children and families.

- **Fueled by our generous community:** Support from people like you is vital – it fuels breakthrough research that helps us understand how diseases work, improve today's treatments and create cures to help children around the world. Learn how to become a Research Champion at: www.seattlechildrens.org/researchchampions

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