



INNOVATIVE RESEARCH TO TRANSFORM PATIENT CARE

Hope & Heroes has enabled Columbia to build the largest and most comprehensive treatment program in the New York tri-state area for children with cancer and blood disorders. We believe in doing everything possible – and thinking beyond what’s currently possible – for our patients and families. Our researchers and clinical physicians work hand-in-hand so we can do our best for each patient today and do better for the patients of tomorrow.

Our funding supports:

- **State of the art clinical care.**
Columbia’s Division of Pediatric Oncology, Hematology & Stem Cell Transplantation combines top-flight clinical services with the latest research to offer patients access to early-stage clinical trials and cutting-edge medical techniques.
- **Pioneering research.**
Our funding allows Columbia to have the best and brightest researchers and physicians investigate pediatric cancer and blood disorders from all sides. Investigators are pursuing ground-breaking research, seeking novel drugs for hard-to-treat cancers, understanding more of the long-term effects of treatment and exploring the value of integrative medicine.
- **The future of cancer treatment.**
Every patient we treat benefits from Columbia’s innovative approaches to care and groundbreaking efforts to find the most effective and least-invasive treatments. Our scientists are working in the laboratory and the clinic – and bridging the two – to advance better treatments and cures.

- **Precision medicine.**

Our Precision in Pediatric Sequencing (PIPseq) program is a customized treatment approach that is redefining patient care. By sequencing each patient's cancer, doctors are able to make the best decisions for patients in the clinic as they learn more about each cancer in the laboratory. Columbia's PIPseq program is the only such program of its kind in the New York tri-state area.