

UPMC | CHILDREN'S HOSPITAL OF PITTSBURGH

Pediatric BMT Fellowship Program

The Division of Blood and Marrow Transplantation and Cellular Therapies located at the UPMC Children's Hospital of Pittsburgh is accepting applications for a clinical fellowship position in Pediatric Blood and Marrow Transplantation **starting July 1, 2024**.

This one-year, fully-funded fellowship involves highly specialized multidisciplinary training in Pediatric Blood and Marrow Transplantation and Cellular Therapy and offers a substantial clinical and translational research experience. The Fellow will work under the supervision of the BMT staff and will be exposed to classic myeloablative transplant regimens along with novel reduced-toxicity transplantation regimens that were institutionally developed following biologically rational principles. Transplanted diagnoses range from [high-risk leukemia/lymphoma](#), solid tumors, bone marrow failure syndromes and a [wide range of non-malignant disorders](#), that include immunodeficiencies, autoimmune diseases, hemoglobinopathies, and inborn errors of metabolism leading to neurodegenerative conditions. Reduced intensity cord blood transplantation for inborn errors of metabolism is one of our major programmatic efforts and offers opportunities for close collaboration with the internationally recognized [NDRD Program](#). Our institution is the only one with an [active clinical trial testing the safety and efficacy of cadaveric tandem solid organ and bone marrow transplant in end-stage primary immune deficiency disorders](#). The Fellow is expected to develop a clinical research interest and complete a clinical research project during the course of the fellowship program.

The BMT/CT Division at UPMC Children's Hospital of Pittsburgh is an active clinical trial site with multiple collaborative and investigator-initiated phase I and II trials. The clinical research environment includes institutional clinical trials in addition to participation in treatment protocols from the Children's Oncology Group (COG), the Pediatric Blood and Marrow Transplant Consortium (PBMTTC), Blood and Marrow Transplant Clinical Trials Network (BMT-CTN), and other multicenter studies. The successful applicant will be exposed to all possible graft choices including autologous CD34-selected cells, T-cell depleted haplotype mismatched donors, matched related, matched unrelated, and unrelated donor cord blood. A dedicated GMP facility supports more than minimal cellular manipulation to launch phase I/II cell therapy trials under FDA INDs. We are expanding our virus-specific cell therapy research portfolio to offer university-wide access for adult and pediatric candidates including solid organ transplant recipients. We also perform therapeutic cell infusions to boost post-transplant immune competence if clinically indicated. Our translational research mission focuses on developing cellular immune therapy programs for cancer, viral infections, and testing the use of BMT in tandem with solid organ transplant to establish immunity and lead to tolerance. With access to all processing technologies and all graft possibilities, the Fellow will have a unique opportunity to participate in an objective process to find the best graft for all patients who may benefit from stem cell grafts.

UPMC Children's Hospital of Pittsburgh, a hospital of the University of Pittsburgh Medical Center, is the only hospital in southwestern Pennsylvania dedicated solely to the care of infants, children, and young adults. We are among the top ten pediatric hospitals in [U.S. News & World Report's 2023-2024 Best Children's Hospitals Honor Roll](#).

Candidates must be board eligible/certified in Pediatric Hematology/Oncology. Letters of inquiry with attached CV should be sent to:

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Links:

<https://classic.clinicaltrials.gov/ct2/show/NCT02626715>

<https://classic.clinicaltrials.gov/ct2/show/NCT01962415>

<http://ndrd.pitt.edu/>

<https://clinicaltrials.gov/study/NCT01852370>

<https://health.usnews.com/best-hospitals/area/pa/childrens-hospital-of-pittsburgh-of-upmc-6232430>