

Ready to start planning your care? Call us at [800-525-2225](tel:800-525-2225) to make an appointment.

×



Memorial Sloan Kettering
Cancer Center

[Make an Appointment](#)

[Back](#)

[Stem Cell Transplants: Blood & Bone Marrow](#)

[Refer a Patient](#)

[Refer a Patient](#)

ABOUT US

[Our mission, vision & core values](#)

[Leadership](#)

[History](#)

[Equality, diversity & inclusion](#)

[Annual report](#)

[Give to MSK](#)

Research Advances in Stem Cell Transplants

Memorial Sloan Kettering investigators are focused on developing and evaluating promising new approaches for stem cell transplants.

[Learn more](#) →

Our clinical and laboratory researchers are working together to learn more about how healthy immune reactions work and how these can go wrong in people with cancer. We are using that information to be able to offer the latest treatment advances to people who have their transplants at MSK.

Our doctors are leading a large number of clinical trials to test new ways to do stem cell transplants. These research studies are based on our growing understanding of the immune system. Our research is increasingly translational, which means that discoveries made in the lab are taken directly to our patients.

Areas of research include studies of the immune cells called T cells and the role that they play in transplants. In addition, we are look for strategies to reduce complications such as graft-versus-host

disease and ways to lower the toxicity of the treatments given before transplants. We are also trying to expand the use of stem cell transplants to treat more diseases.

Learn more about the clinical trials we are currently conducting:

Search by keywords:

and/or

Search by cancer type:

Search

Narrow your choices

+

15 Clinical Trials found

[A Phase 1 Study of Uproleselan Plus Conditioning Chemotherapy and Stem Cell Transplantation in People With Very High-Risk Acute Myeloid Leukemia](#)

Diseases: [Blood & Marrow Stem Cell Transplantation: Sibling and Unrelated Volunteer](#), [Blood and Marrow Transplantation](#), [Leukemia: Acute Myelocytic Leukemia](#), [Leukemia: Acute Myelogenous Leukemia](#)

Locations: [New York City](#), [Commack Nonna's Garden Foundation Center](#), [Basking Ridge](#), [Westchester](#), [Monmouth](#)

[Who Can Join](#)

 [_ Jaap-Jan Boelens](#)

[A Phase 2 Study Assessing Treatment for Inflammation Before a Stem Cell Transplant in People with Immune and Autoinflammatory Conditions](#)

Diseases: [Blood & Marrow Stem Cell Transplantation: Sibling and Unrelated Volunteer](#), [Blood and Marrow Transplantation](#), [Hematology: Hematologic Disorders](#)

Locations: [New York City](#), [Commack Nonna's Garden Foundation Center](#), [Basking Ridge](#), [Westchester](#), [Monmouth](#)

[Who Can Join](#)

 [_ Joseph Hai Oved](#)

[A Phase 2 Study of Isatuximab to Treat Low Blood Cell Counts in People With Blood Cancer Who Had a Stem Cell Transplant from a Donor](#)

Diseases: [Blood & Marrow Stem Cell Transplantation: Post-Transplant](#), [Blood & Marrow Stem Cell Transplantation: Sibling and Unrelated Volunteer](#), [Blood and Marrow Transplantation](#)

Locations: [New York City](#), [Commack Nonna's Garden Foundation Center](#), [Basking Ridge](#), [Westchester](#), [Monmouth](#)

[Who Can Join](#)

 [_ Michael Scordo](#)

[A Phase 3 Study of Itolizumab plus Corticosteroids to Treat Acute Graft-Versus-Host Disease](#)

Diseases: [Blood & Marrow Stem Cell Transplantation: Post-Transplant](#), [Blood and Marrow Transplantation](#), [Graft-Versus-Host Disease \(GVHD\)](#)

Locations: [New York City](#), [Commack Nonna's Garden Foundation Center](#), [Basking Ridge](#), [Westchester](#), [Monmouth](#)

[Who Can Join](#)

[A Phase I Study of AMG 191 Given Before Transplant to Patients with Severe Combined Immunodeficiency \(SCID\)](#)

Diseases: [Blood & Marrow Stem Cell Transplantation: Sibling and Unrelated Volunteer](#),
[Hematology: Hematologic Disorders](#), [Pediatric Blood Disorders](#), [Rare Blood Disorders](#)

Locations: [New York City](#)

[Who Can Join](#)

[A Phase I/II Study of SMART101 in Children and Adults with Acute Leukemia Who Receive a T-Cell Depleted Stem Cell Transplant from a Donor](#)

Diseases: [Blood & Marrow Stem Cell Transplantation: Sibling and Unrelated Volunteer](#),
[Blood and Marrow Transplantation](#), [Leukemia: Acute Lymphoblastic Leukemia](#), [Leukemia: Acute Myelocytic Leukemia](#), [Leukemia: Acute Myelogenous Leukemia](#)

Locations: [New York City](#)

[Who Can Join](#)

[A Phase IB Study of SER-155 in Adults Who Will Receive a Stem Cell Transplant and Are at Risk of Infections and Graft-versus-Host Disease](#)

Diseases: [Blood & Marrow Stem Cell Transplantation: Post-Transplant](#), [Blood & Marrow Stem Cell Transplantation: Sibling and Unrelated Volunteer](#), [Blood and Marrow Transplantation: Transplantation](#)

Locations: [New York City](#)

[Who Can Join](#)

[A Phase II Study of Mismatched Unrelated Donor Stem Cell Transplantation in People with Blood Cancers](#)

Diseases: [Blood & Marrow Stem Cell Transplantation: Sibling and Unrelated Volunteer](#), [Blood and Marrow Transplantation](#), [Hematology: Myelodysplastic Syndrome](#), [Leukemia: Acute Lymphoblastic Leukemia](#), [Leukemia: Acute Myelocytic Leukemia](#), [Leukemia: Acute Myelogenous Leukemia](#), [Leukemia: Chronic Lymphocytic Leukemia](#), [Leukemia: Myelodysplastic Syndrome](#), [Lymphoma](#)

Locations: [New York City](#)

[Who Can Join](#)

 [Brian Shaffer](#)

[A Phase II Study of Photobiomodulation Therapy in Children and Adults with Oral Graft-versus-Host Disease after Stem Cell Transplantation](#)

Diseases: [Blood & Marrow Stem Cell Transplantation: Post-Transplant](#), [Blood and Marrow Transplantation](#), [Graft-Versus-Host Disease \(GVHD\)](#)

Locations: [New York City](#), [Commack Nonna's Garden Foundation Center](#), [Basking Ridge](#), [Westchester](#), [Monmouth](#)

[Who Can Join](#)

 [Alina Markova](#)

[A Phase II Study of Stem Cell Transplantation Using Treosulfan Conditioning to Treat Bone Marrow Failure](#)

Diseases: [Blood & Marrow Stem Cell Transplantation: Sibling and Unrelated Volunteer](#), [Blood and Marrow Transplantation: Transplantation](#), [Hematology: Aplastic Anemia](#), [Hematology: Hematologic Disorders](#), [Pediatric Blood Disorders](#)

Locations: [New York City](#)

[Who Can Join](#)

 [_ Maria Cancio](#)

[Load More](#)

PREVIOUS

[Living Beyond Bone Marrow Transplantation](#)

NEXT

[Research Advances in Stem Cell Transplants](#)

[Communication preferences](#)

[Cookie preferences](#)

[Legal disclaimer](#)

[Accessibility statement](#)

[Privacy policy](#)

[Price transparency](#)

[Public notices](#)

