



GUS SURVIVED LEUKEMIA



# ADVANCING THE TREATMENT OF HEMATOLOGICAL CANCERS



NICOLE SURVIVED LEUKEMIA



Hematologic cancers are those cancers that occur in cells of the immune system or in blood-forming tissues, including bone marrow. As a pioneer in advancing care for all hematologic cancers and related blood disorders, City of Hope's Department of Hematology & Hematopoietic Cell Transplantation leads the field as one of the largest and most successful transplant centers in the U.S.

The Center for International Blood and Marrow Transplant Research has ranked City of Hope as an "overperforming" transplant center for the past 13 years, and we are the only U.S. transplant center with this recognition for over a decade. City of Hope's transplant program is accredited by the Foundation for the Accreditation of Cellular Therapy, the standard of excellence for blood and bone marrow transplant programs in the United States.

Led by Stephen J. Forman, M.D., Francis & Kathleen McNamara Distinguished Chair in Hematology and Hematopoietic Cell Transplantation, our dedicated, multidisciplinary team combines innovative research discoveries with superior clinical treatments to improve outcomes for patients with:

- Leukemia (cancer of the blood cells)
  - Acute myeloid leukemia
  - Acute lymphoblastic leukemia
  - Chronic myelogenous leukemia
  - Chronic lymphocytic leukemia
- Lymphoma (cancer of the lymphatic cells)
  - Hodgkin's lymphoma
  - Non-Hodgkin's lymphoma
- Myeloma (cancer of plasma cells)
- Myelodysplastic syndrome (blood abnormalities that can be life-threatening or lead to cancer)
- Other hematologic disorders

### **Hematologic Malignancies and Stem Cell Transplantation Institute**

A world leader in the treatment of blood cancers, City of Hope launched an institute to specifically focus on treating people with serious blood and bone marrow diseases. The institute is a matrix comprised of seven centers, each with a focus on a particular disease or treatment modality.

### **Gehr Family Center for Leukemia Research**

Led by Guido Marcucci, M.D., and Anthony Stein, M.D., the Gehr Family Center for Leukemia Research at City of Hope seeks to further expand and broaden our world-renowned work in the research and treatment of acute myeloid leukemia, acute lymphoblastic leukemia, chronic myelogenous leukemia, myelodysplastic syndrome and myeloproliferative neoplasms.



### **Judy and Bernard Briskin Center for Multiple Myeloma Research**

The goal of the Judy and Bernard Briskin Center for Multiple Myeloma Research, directed by Amrita Krishnan, M.D., is to make multiple myeloma, and the related light chain amyloidosis, manageable nonlethal diseases.

### **Toni Stephenson Lymphoma Center**

Led by Larry Kwak, M.D., Ph.D., Dr. Michael Friedman Professor in Translational Medicine, the Toni Stephenson Lymphoma Center is committed to eliminating lymphoma by developing immune-based, nontransplant therapies, many of which have already shown promise in City of Hope's laboratories.

### **Center for Stem Cell Transplantation**

The Center for Stem Cell Transplantation uses leading-edge research to advance hematopoietic stem cell transplant methods. Our dedicated team, directed by Ryotaro Nakamura, M.D., and David Snyder, M.D., is working to reduce treatment toxicity and improve patient outcomes.

### **Center for T Cell Immunotherapy**

Led by Stephen Forman, M.D., and Christine Brown, Ph.D., Heritage Provider Network Professor in Immunotherapy, City of Hope's Center for T Cell Immunotherapy is finding new ways to harness the body's immune system to fight cancer, using a patient's own T lymphocytes from the blood.

### **Center for Gene Therapy**

The Center for Gene Therapy, led by John Zaia, M.D., Aaron D. Miller and Edith Miller Chair in Gene Therapy, and Kevin Morris, Ph.D., is a world-class leader in research on stem cell-based therapies, and is dedicated to converting that research into real-world treatments and cures as rapidly as possible.

### **Center for Survivorship and Outcomes**

Directed by Saro Armenian, D.O., M.P.H., the goal of the Center for Survivorship and Outcomes is to improve the overall quality of life for survivors of hematological (blood, bone marrow and lymph node) cancers. The Center for Survivorship and Outcomes provides specialized long-term follow-up care for patients of all ages, who have been treated with all modalities.