

POINTS OF DISTINCTION

MAY 2013



City of Hope is a new model of cancer center, focused on rapidly transforming scientific discoveries into better treatments and better prevention strategies for cancer, diabetes, HIV/AIDS and other life-threatening diseases.

INSTITUTIONAL DISTINCTIONS

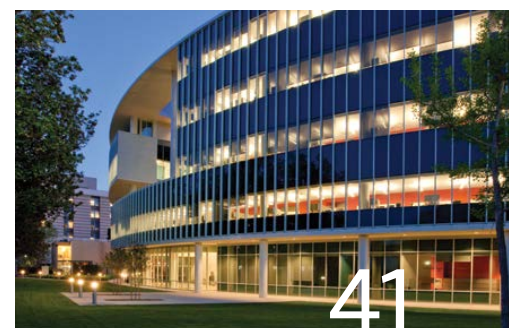
- City of Hope is one of 41 comprehensive cancer centers, the highest designation bestowed by the National Cancer Institute for excellence in cancer treatment, research, prevention and education.
- City of Hope is ranked as one of "America's Best Hospitals" in cancer by *U.S. News & World Report*.
- City of Hope maintains the No. 1 hematology, prostate cancer and breast cancer programs in California, based on the number of patients treated.
- City of Hope was awarded more than \$79.7 million in research grants during 2012 and received \$224.6 million in revenues from patented technologies in the 2012 fiscal year.
- City of Hope is a pioneer of patient-centered care and remains committed to its tradition of exceptional compassionate care for patients and families. Each day, we live out our credo: "There is no profit in curing the body if, in the process, we destroy the soul."
- City of Hope has earned the highest rating — four stars — from the nation's leading charity watchdog, Charity Navigator, in eight consecutive evaluations. That puts us among the top 2 percent of the charities rated by the organization.
- City of Hope is supported by a unique nationwide network of more than

20 industry groups and hundreds of fundraising chapters, all of which serve as valuable partners in advancing our mission.

A RECORD OF INNOVATION

- Numerous breakthrough cancer drugs, including Herceptin, Rituxan, Avastin and Erbitux, are based on technology pioneered by City of Hope and are saving lives worldwide.
- Millions of people with diabetes benefit from synthetic human insulin, developed through research conducted at City of Hope.
- A pioneer in bone marrow transplantation, City of Hope has performed more than 11,000 bone marrow and stem cell transplants and operates one of the largest, most successful programs of its kind in the world. For eight years in a row, our bone marrow transplant program has performed above expectations in one-year patient survival. We are the only program in the country to achieve these outcomes for eight straight years.
- City of Hope was one of the first cancer centers in the country to adopt robotic prostate surgery in 2003. Since then, surgeons at City of Hope have performed more than 6,000 robotic procedures for prostate cancer.

PROGRESS QUANTIFIED



One of 41 National Cancer Institute-designated comprehensive cancer centers

11,000

Performed more than 11,000 bone marrow and stem cell transplants



Conducted more than 300 clinical trials last year, enrolling nearly 5,000 patients



Awarded more than \$79.7 million in research grants in the 2012 fiscal year

SPEED, EFFICIENCY AND COLLABORATION

- City of Hope has not one but three on-site manufacturing facilities that enable investigators to manufacture promising new therapies without the high cost and delays encountered by other research centers. These capabilities save years of development time and ensure that we can rapidly and efficiently translate discoveries into beneficial treatments.
- City of Hope has more than 200 patents. At any given time, we have more than 30 investigational new drug applications. These numbers are exceptionally large for an organization of City of Hope's size, reflecting our commitment to innovation and speeding treatments to patients.
- A uniquely collaborative environment makes it easy for laboratory and clinical researchers at City of Hope to more quickly translate breakthroughs into therapies.
- City of Hope's scientists collaborate with colleagues around the world. We participate in more than 500 projects with more than 400 institutions in 40 states and more than 30 countries. No matter where you live, there is likely collaboration between City of Hope and a center near you.

TRANSFORMING THE FUTURE OF CANCER CARE

- City of Hope researchers are investigating ways to harness the body's natural defenses to fight cancer, an approach known as "immunotherapy." One approach aims to harvest from patients the immune system's T cells and reprogram them to defeat lymphoma and brain cancer. Another approach strikes a dual blow — shutting off a gene that promotes cancer while stimulating the immune system to action — in an effort to fight lymphoma and melanoma as well as brain, ovarian and prostate cancers. Other studies are focused on engaging every stage of the immune response to fight off breast cancer.
 - In 2010, we were the first institution in the world to use neural stem cells as a targeted delivery mechanism to treat patients with glioma, an aggressive type of brain tumor.
- We have 35 novel therapies in our drug pipeline.
 - City of Hope scientists studying "superfoods" have found that compounds in blueberries have the ability to fight triple-negative breast cancer cells in the laboratory. This team is planning human clinical trials to test the compounds' effect on breast cancer; they're also researching the anti-cancer properties of other "superfoods" such as mushrooms, pomegranates and grape seed extract.
 - City of Hope researchers are pursuing a high-tech form of targeted radiation therapy to ease side effects of bone marrow and stem cell transplants. This approach, tested here first, uses total marrow irradiation, or TMI, as a replacement for irradiating a patient's whole body before transplant. Researchers hope this approach will reduce the impact on healthy tissue while allowing for higher doses of therapeutic radiation.
 - Because life after cancer treatment can present both physical and emotional challenges, City of Hope creates a bridge between treatment and ongoing support. The Center for Cancer Survivorship provides specialized follow-up care and education for survivors of pediatric, prostate and breast cancers. The research that results from this program is helping physicians understand the long-term effects of cancer and its treatment — influencing how care is delivered today.
 - The Sheri & Les Biller Patient and Family Resource Center offers the most integrated array of support services in the country. One team can provide patients with navigation help, counseling, support groups and other resources that address their physical, emotional and spiritual needs. The research and tools developed through this approach will help patients everywhere.

BREAKTHROUGHS AGAINST DIABETES

- By investigating the molecular mechanisms of diabetes complications, City of Hope scientists are helping develop new treatments for them. They also are studying the use of blood stem cell transplantation to reboot the immune

system in type 1 diabetes, an autoimmune disease.

- City of Hope is a national leader in islet cell transplantation, which has the potential to reverse type 1 diabetes. In addition, we provide islet cells for research at other institutions throughout the U.S.
- Researchers here are investigating new connections between diabetes and cancer, such as inflammation. What we discover about one disease could hold clues to advances against the other.

TOWARD A LASTING CURE FOR HIV/AIDS

- City of Hope scientists pioneered the application of blood stem cell transplants to treat patients with HIV and AIDS-related lymphoma. Our researchers used a new form of gene therapy to achieve the first long-term persistence of anti-HIV genes in patients with AIDS-related lymphoma. This treatment ultimately may cure not only lymphoma, but also HIV/AIDS.

THE PHILANTHROPIC SUPPORT THAT MAKES IT ALL POSSIBLE

- Year after year, foundations, philanthropists, business leaders, global corporations, small businesses and hundreds of thousands of other caring individuals of all ages contribute generously to support the lifesaving work of City of Hope.
- Celebrities supporting City of Hope through appearances, public service announcements and fundraising include the public faces of our Citizens of Hope awareness campaign: Kiefer Sutherland, Archie Panjabi, Taraji P. Henson, Josie Maran and Selena Gomez.
- Many professional sports organizations have given their support to City of Hope, including the Los Angeles Dodgers, the Los Angeles Kings and Major League Soccer's Chivas USA. City of Hope also was the 2009-10 official charity of the NFL on FOX. As the official charity of the Northern Trust Open, City of Hope has joined forces with Northern Trust and the PGA TOUR to bring hope to patients.