WE ARE ROSWELL PARK

Unleashing the Healing Power of Hope

ROSWELL PARK
COMPREHENSIVE CANCER CENTER

BEST HOSPITALS
U.S. News
CANCER
2021-22

NCI
Designated Comprehensive Cancer Center
Historical Firsts

For more than 120 years, we have remained steadfast to the revolutionary vision of our founder — Dr. Roswell Park — who set out to understand cancer, discover ways to treat it and put an end to the suffering it causes.

Founded in 1898, Roswell Park Comprehensive Cancer Center was the first institution in the world to focus exclusively on cancer research. Eminent surgeon, Dr. Roswell Park, sought to create a powerful force against cancer by bringing together the knowledge and skills of pathologists, chemists, biologists, surgeons and other experts — all in one center.

That vision has fueled more than a century’s worth of medical discoveries and breakthroughs. Among the first to be designated a comprehensive cancer center by the National Cancer Institute, we pioneered the standard for today’s multidisciplinary approach to cancer care, scientific research and the development of new therapies and technologies.

Today, we set ourselves apart as a leader in transplant and cellular therapies, personalized medicine, cancer vaccines, immunotherapy and robotic surgery.

VITAL STATS FY2021

- EMPLOYEES: 3,695, including 381 faculty members and 795 nurses
- Hospital Admissions: 4,958
- Outpatient Visits: 268,329
- Patients Under Active Care: 42,955
- Patient Origin: 37 U.S. states, 2 foreign countries
- Number of Beds: 133
- Average Length of Stay: 8.35 days
- Grants/Contracts (per annum): $99M
- Funded Research Projects: 609
- License Agreements: 101
- U.S. Patents: 81

About Us

- Named a Best Hospital by U.S. News & World Report, and rated High Performing in two specialty areas: colon cancer surgery and lung cancer surgery.
- Among a select group of comprehensive cancer centers in the nation designated by the National Cancer Institute (NCI).
- A member of the National Comprehensive Cancer Network (NCCN), a prestigious alliance of leading cancer centers that seek continuous quality improvement and create evidence-based practice guidelines.
- A leader in cancer research where the latest therapies are available to patients through our robust clinical trials program.

Roswell Park, the Nation’s First Cancer Center

WE SET THE MODEL

50 YEARS

More than a century

Leading the way.
At Roswell Park, we treat the whole patient, not just their cancer. An array of allied clinical and supportive services are integrated into every patient’s personalized care plan. These clinical services may include nutrition, rehabilitation medicine, lymphedema care, pain and palliative care, dentistry and maxillofacial prosthesis, plastic and reconstructive surgery, psychosocial oncology, and genetic testing and counseling. 

Our vast supportive services represent our holistic approach to optimal quality of life and outcomes. Programs include survivorship care, yoga, massage, meditation, mindfulness, healing touch, acupuncture, Reiki, spiritual care, art and pet therapy, patient networks, support groups for patients and caregivers, and a resource center for education materials, hats, wigs and more.

**Survivorship Center**

This center, for patients who have completed active treatment, provides comprehensive services to address the unique medical and supportive needs of cancer survivors as they face forward and aim for a higher level of lifelong wellness.
Today, Roswell Park drives innovative cancer research in genetics, cell stress and immunotherapy, leading to new personalized treatments. Research at our center has led to:

- 14 biotech spinoff companies and affiliates to share our discoveries with the world
- Strategic partnerships with investigators and centers around the world
- A Clinical Research Center, specifically for our investigator-initiated phase I clinical trials program
- First-ever U.S. clinical trials of DIMAvax, a lung cancer immunotherapy developed in Cuba.

**Division of Translational Immuno-Oncology**

Roswell Park was one of the first in the nation to combine research laboratories, state-of-the-art cell manufacturing and patient care into one immunotherapy program designed to bring the latest immunotherapies from the lab to the patient quickly.

Some of the latest immunotherapy approaches offered at Roswell Park include:

- Adaptive cell therapy (using T-cells and genetically engineered cells to boost immune system response)
- Cancer stem cells
-Monoclonal antibodies
- Cancer vaccines (using the patient’s cancer cells to create antigens for a vaccine)
- Genetic signatures (of determining cancer cells to create novel treatments)
- Immunomodulation (treatment to enhance or suppress an immune system response)
- Microenvironment (research of non-cancerous cells in a cancerous tumor)
- Oncolytic virotherapy (reprogramming viruses to treat cancer)
- T-cell receptor (TCR) discovery (research to find T-cells that attack specific cancer cells)

**Major Research Programs**

Just as our clinical care teams include physicians from multiple medical disciplines, faculty from across our clinical and scientific departments collaborate in these multidisciplinary research programs:

- Cell Stress and Biophysical Therapies
- Developmental Therapeutics
- Genetics and Genomics
- Population Sciences
- Tumor Immunology and Immunotherapy

**Shared Resources**

Our faculty have access to more than 20 specialized research support laboratories with cutting-edge technology, including:

- Genomics
- Flow & Image Cytometry
- Bioinformatics
- Data Bank and BioRepository
- Pathology Network Shared Resource
- Bioanalytics, Metabolomics and Pharmacokinetics

**These Five Research Programs Form the Foundation of Roswell Park’s Cancer Center Support Grant, Awarded by the National Cancer Institute and Funded Continuously Since 1974.**
Roswell Park’s education mission is multifaceted, aimed at reducing the global cancer burden in these specific ways:

**Training the next generation of cancer experts**

With world-renowned faculty and alliances with local and regional colleges and universities, Roswell Park provides specialized training, education, and certification programs in several oncology and related fields:

- Clinical training of residents and fellows
- Predoctoral, master’s and postdoctoral training in basic and translational cancer biology
- Advanced training in oncology nursing
- Continuing medical education for physicians and dentists
- Cancer prevention for the general public
- Allied health baccalaureate and professional training
- Public and professional education about cancer and HIV/AIDS
- Ethics in basic and clinical research
- Summer research experiences for high school, college and medical students

**EDUCATION ANNUALLY**

- 300+ Clinical Residents/Oncology Fellows
- 250+ Medical Students
- 180+ Nursing and Physician Assistant Students
- 40+ Postdoctoral Research Fellows
- 100+ Predoctoral Graduate Students
- 15+ Master’s Students
- 380+ High School, College and Post-Baccalaureate Interns
- 35+ Exchange Visitors and International Research Scholars

**Investing in population health and cancer prevention**

Roswell Park devotes significant resources to research in epidemiologic and population science with the goal of decreasing cancer morbidity and mortality by:

- Identifying factors that affect cancer risk and prognosis, such as health disparities, access to screening and care, and biologic, genetic and lifestyle factors.
- Developing interventions to prevent cancer.

**Cancer Prevention for the General Public**

- Cancer screening center
- Smoking cessation hotline
- Genetic screening
- Cancer registries
- High-risk early detection and surveillance programs
- Reaching medically underserved populations
- Addressing cancer health disparities
- World Trade Center Health Program for 9/11 first responders

**CANCER Screening CENTER**

This distinctive center — open to the public — brings our expertise in population health and cancer detection to our community, before they need cancer care. Our center offers:

- Cancer screening exams to provide clinical examination of mouth, throat, thyroid, breasts, lymph nodes, abdomen and rectum and determine an individual’s personal cancer risk and which screening tests are needed
- Screening tests for cancers of the breast, cervix, colon and rectum, lung, prostate and skin
- Health insurance assistance for screening exams and tests with no out-of-pocket costs
- Connection to other Roswell Park experts who provide surveillance and preventive options, genetic testing or cancer care if needed

**Caring for our neighbors**

Roswell Park’s community outreach and education efforts focus on these vital cancer prevention and early detection measures:

- Cancer screening center
- Smoking cessation hotline
- Genetic screening
- Cancer registries
- High-risk early detection and surveillance programs
- Reaching medically underserved populations
- Addressing cancer health disparities
- World Trade Center Health Program for 9/11 first responders
INTERNATIONAL COLLABORATIONS
Our collaborations enhance cancer research and training programs around the world.

- Centro de Immunología Molecular, Playa, La Habana, Cuba
- Concordia Laboratories, Inc., Luxembourg, Luxembourg
- University of Debrecen Medical School, Debrecen, Hungary
- Jagiellonian University, Krakow, Poland
- King Fahad Specialist Hospital, Dammam, Saudi Arabia
- Lakeshore Cancer Center, Lagos, Nigeria
- Maccabi Healthcare Services, Tel Aviv, Israel
- University of Haifa, Haifa, Israel
- National Research Center for Hematology, Moscow, Russia
- University of Pecs Medical School, Pecs, Hungary
- Queen Mary University of London, United Kingdom
- Semmelweis University, Budapest, Hungary
- University of Szeged Faculty of Medicine, Szeged, Hungary
- University of Waterloo, Canada

REACHING A BROADER FOOTPRINT BEYOND BUFFALO, NY

A regional network of community hospitals and medical centers in New York and Pennsylvania provides access to Roswell Park physicians, services and clinical trials to patients across the region.

**Roswell Park Satellites**
- Roswell Park Amherst Center, Williamsville, NY
- Roswell Park Niagara Center, Wheatfield, NY

**Roswell Park Care Network**
- Breast Care of Western New York
  - Williamsville, NY
- Roswell Park Northtowns
  - Williamsville, NY
- Roswell Park Medically Integrated Dispensary
  - Williamsville, NY
- Roswell Park Southtowns
  - Orchard Park, NY
- Roswell Park Jamestown
  - Jamestown, NY
- Roswell Park Urology
  - Niagara Falls, NY
- Roswell Park Dermatology
  - Depew, NY
- Oneida Health Cancer Care
  - Oneida, NY
- Niagara Falls Memorial Medical Oncology Center
  - Niagara Falls, NY
- Southtowns Radiation Oncology (in collaboration with Catholic Health and Buffalo Medical Group)
  - Orchard Park, NY
- Catholic Health Services of Long Island
  - Rockville Centre, NY
- Ellis Medicine
  - Schenectady, NY
- Bradford Regional Medical Center
  - Bradford, PA
- Upper Allegheny Health System
- Olean General Hospital
  - Olean, NY

The Alliance Foundation is a 501(c)(3) not-for-profit organization that manages all donations made to Roswell Park Comprehensive Cancer Center.

Since its inception in 1991, contributions totaling over $475 million have been raised for cancer research, quality-of-life grants and patient-care programs.