Ivy Brain Tumor Center | Barrow Neurological Foundation

IVY BRAIN TUMOR CENTER

NEW GLOBAL HEADQUARTERS

Donor Recognition & Philanthropic Legacy

as of January 2024

NADER SANAI, MD

Chief Scientific Officer and Director,
Ivy Brain Tumor Center

A BEACON OF HOPE

Dear Friends,

The Ivy Brain Tumor Center is a pioneering institution, rewriting the narrative of brain cancer research and treatment on a global scale. As the foremost hub for brain tumor drug development, the Ivy Center spearheads groundbreaking early-phase clinical trials, aiming to discover innovative therapies that can save lives. We hope you will join us on this transformative mission.

In 2024, the Ivy Brain Tumor Center's global headquarters will open its doors on the campus of Barrow Neurological Institute and Dignity Health St. Joseph's Hospital and Medical Center in Phoenix, Arizona. This state-of-the-art 75,000-square-foot facility, spanning five floors, will host more than 50 scientists, investigators, and operational staff. Its transparent design offers solace to patients and their families, allowing them to witness the dedicated efforts of laboratory teams working diligently to find a cure.

The facility fosters interdisciplinary collaboration, providing a technologically advanced environment where Ivy's experts can focus on patient care while unraveling the complexities of this disease. Featuring cutting-edge laboratories, specialized spaces for clinical trials, consultation, imaging, radiotherapy and seminars, the building is a testament to the Ivy Center's commitment to excellence.

The Ivy Center is pushing the boundaries of brain cancer research. In just five years, it has engaged more than 3,500 patients with incurable brain tumors, breaking scientific barriers and reshaping the global approach to brain tumor drug development. None of this progress would be possible without generous support from our community. Your role in achieving these ambitious goals cannot be emphasized enough. The Ivy Center relies solely on dedicated donors like you to expand its reach to brain cancer patients worldwide.

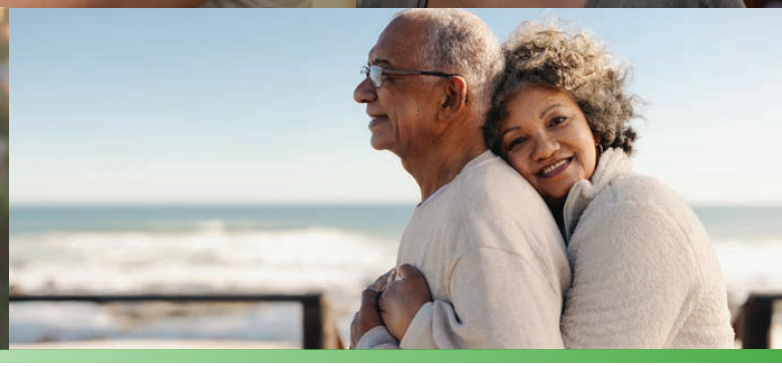
We are extending an invitation to honor the Ivy Center's philanthropic partners by offering naming opportunities within the new global headquarters. Your support will directly fuel the groundbreaking research happening within its walls. The Ivy Center's global headquarters stands as a beacon of hope, illuminating the path for brain tumor patients and their families near and far. Please participate in our journey to find a cure for this devastating disease, making a tangible impact on countless lives.

Sincerely,

Dr. Nader Sanai
Director, Ivy Brain Tumor Center







BY THE NUMBERS

- One million Americans are living with a brain tumor today.
- The disease will claim the lives of nearly 19,000 people in the U.S. in 2024.
- Glioblastoma is the most aggressive and difficult-to-treat brain tumor.
- The five-year survival rate for glioblastoma patients is 6.9 percent.
- The average length of survival for glioblastoma patients is estimated to be 12-18 months.
- These dire statistics show that higher-quality research is needed to find a cure.

Since its inception in 2018, the Ivy Brain Tumor Center has focused on the singular mission to increase life expectancy and contribute to a cure for brain cancer through the largest Phase 0 clinical trials program in the world.

15
Phase 0 clinical trials opened

3,500+
Patients screened for clinical trials

500
Patients enrolled in clinical trials

12+
Countries from which our patients have traveled to participate

"The progress achieved by the Ivy Center's Phase 0 clinical trials program has surpassed anything I have seen in the 18 years I have been funding brain cancer research. The new building in Phoenix will serve to leverage this success, so the Center can move even faster to discover and develop a new FDA-approved therapy for brain cancer."

Catherine Ivy
President and Founder of the
Ben & Catherine Ivy Foundation

BUILDING ON SUCCESS

- World's largest translational research center dedicated solely to brain tumor drug development and treatment
- $50 million total investment
- 75,000-square-foot multidisciplinary facility spanning five floors
- Designed to be open for collaboration
- Three floors of glass box research labs
- 50+ full-time scientists, investigators and operational staff
- Expansive two-story entrance lobby

Experience a virtual fly-through preview at:
IvyBrainTumorCenter.org/New-Global-Headquarters

SCAN ME

MAJOR RECOGNITION

OPPORTUNITIES

All funds raised from the naming opportunities will benefit groundbreaking research and operations at the Ivy Brain Tumor Center.

1 Multidisciplinary Brain Tumor Clinic
2 2nd Floor Auditorium
3 Preclinical Laboratory
4 Pharmacokinetics Laboratory
5 Pharmacodynamics Laboratory
6 4th to 5th Floor Staircase
7 5th Floor Conference Room
8 1st Floor Donor Wall
9 Break Room
10 Bench
11 Garden

1

MULTIDISCIPLINARY BRAIN TUMOR CLINIC

$5,000,000

Radiation oncologists and neuro-oncologists at Barrow treat more than 1,000 new patients annually. The entrance to the new Multidisciplinary Brain Tumor Clinic will be located in the high-traffic lobby of the Ivy Center's global headquarters. Patients will come from around the world to receive radiation therapy and novel treatments as part of their personalized care plan.

2ND FLOOR AUDITORIUM

$3,000,000

The auditorium, situated on the second floor, offers a striking view through expansive floor-to-ceiling glass windows, visible from both the dynamic two-story lobby and the bustling Thomas Road and 3rd Avenue intersection. This versatile space will function as a multi-use teleconference center, uniting the world's leading brain tumor specialists to enhance patient care and support for patients and their families. Equipped with cutting-edge technology, the auditorium boasts a large state-of-the-art screen tailored for live surgery viewings, educational seminars and clinical debriefings.

2

PRECLINICAL LABORATORY

$2,500,000

Most brain cancer patients experience tumor progression after treatment. At the Ivy Center, patients gain access to an extensive portfolio of promising therapies never before tested in brain tumors. All new drugs are first evaluated in Ivy's preclinical laboratory before advancing to a clinical trial. Led by Deputy Director and Principal Investigator Shwetal Mehta, Ph.D., the preclinical laboratory uses the innovative PK/PD-driven approach to evaluate a pipeline of novel drugs and drug combinations to promote promising candidates for clinical trials at the Ivy Center. Furthermore, the preclinical team is identifying resistance mechanisms to current therapies and finding new avenues to target specific vulnerabilities in resistant tumors to prevent tumor recurrence and relapse.

SHWETAL MEHTA, PHD

Deputy Director,
Ivy Brain Tumor Center

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ARTAK TOVMASYAN, PHD

Principal Investigator,
Ivy Brain Tumor Center

PHARMACOKINETICS LABORATORY

$2,500,000

A significant hurdle in brain cancer treatment is overcoming the resilient blood-brain barrier. At the Ivy Center, the Pharmacokinetics (PK) Core laboratory, led by principal investigator Artak Tovmasyan, Ph.D., addresses this challenge by swiftly evaluating tumor tissue from clinical trial patients obtained in the operating room. Within a mere 10 days, scientists in this lab assess whether the investigational drug combination administered before surgery successfully penetrated the blood-brain barrier and reached the brain tumor at sufficient levels.

AN-CHI TIEN, PHD

Principal Investigator,
Ivy Brain Tumor Center

5

PHARMACODYNAMICS LABORATORY

$2,500,000

Brain tumors exhibit significant genetic diversity, with each tumor being distinct from another. A single patient's tumor can consist of many different unique cell types, and when the tumor returns after surgery, the genetics will have completely transformed. To address this complexity, the Ivy Center employs advanced genetic testing. This allows for matching tailored drug combinations to an individual's specific tumor profile. After the PK lab confirms that the drug combination has penetrated the blood-brain barrier and reached the tumor, scientists in the Pharmacodynamics (PD) Core laboratory, led by principal investigator An-Chi Tien, Ph.D., assess whether the drug agent has achieved its intended impact on the tumor.

6

4TH TO 5TH FLOOR STAIRCASE

$1,000,000

The open staircase connecting the fourth to fifth floors will serve as a bustling access route, promoting collaboration among laboratory staff, clinical research operations, communications and business operations teams.

7

5TH FLOOR CONFERENCE ROOM

$1,500,000

The new Ivy facility fosters seamless collaboration between the laboratory, clinical operations, communications and business operations teams, facilitating enhanced partnerships crucial for advancing brain tumor drug discovery. The fifth-floor conference room has been designated as a central hub for meetings, bringing together the scientific team, multidisciplinary staff, executive committee, board of directors and other stakeholders to strategize and innovate collectively.

1ST FLOOR DONOR WALL

$50,000+

Barrow Neurological Foundation seeks to recognize and express gratitude to donors who contribute $50,000 or more to the Ivy Center. Acknowledging their generosity, their names will be prominently displayed on a donor wall situated on the first floor of the building. This wall will be positioned in the hallway connecting the Ivy Center to the main hospital, serving as a lasting tribute to their support and commitment.

BREAK ROOM

$75,000

Each break room within the Ivy Center is a dedicated space where researchers committed to pushing the boundaries of brain cancer research can recharge, collaborate, and find respite amidst their groundbreaking work.

WELCOME BENCH AT FRONT ENTRANCE

$25,000

Located just outside the front entrance of the Ivy Center, this beautiful and thoughtfully placed bench will provide a comforting space for patients, families, and caregivers to gather, reflect, and find solace.

GARDEN LANDSCAPING

$75,000

This lush and meticulously landscaped garden surrounding the building will serve as more than just a beautiful outdoor space – it will symbolize resilience, healing, and the power of nature in the face of adversity.

ENDOWED CHAIR
OPPORTUNITIES

Innovative research is the most critical element in developing new treatments for brain cancer. Research efforts benefit significantly from stability in leadership. One way to ensure this is by awarding the most accomplished scientists and clinicians endowed chairs.

Endowed chairs help senior scientists run their labs, enable clinicians to concentrate on research, fund early-stage studies that may leverage additional funding, and recognize doctors' and scientists' standing as international leaders in their fields.

Departments throughout the Ivy Center vary in size, individual needs, and prioritization within the Center's mission. The amount designated for each endowed chair relates to the breadth, scope, and function of both the individual position and the whole department. Endowed chairs may be named after the donor, or the donor can pay tribute to someone by naming the endowed chair.

PRINCIPAL INVESTIGATORS
$1,500,000

PHYSICIAN SCIENTISTS
$2,500,000

CENTER DIRECTOR
$3,000,000


Nader Sanai, MD
Neurosurgery

HELP US

FIND A CURE

For more information or to schedule a meeting to discuss recognition opportunities at the Ivy Brain Tumor Center, please contact:

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