

# Broad Institute of MIT and Harvard

---

## ABOUT THE BROAD INSTITUTE OF MIT AND HARVARD



The Broad Institute of MIT and Harvard strives to improve the lives of patients by advancing our understanding of the biology of human disease and laying the groundwork for a new generation of therapies. We do this by tackling the most urgent challenges of biomedicine, leading multi-disciplinary, collaborative, and large-scale projects aimed at transforming or catalyzing scientific fields. We leverage the enormous power of genomics to uncover the complex biological circuits that determine how our cells respond, in sickness and in health. We also pioneer revolutionary experimental tools, generate open solutions to mine data, and share our data widely in order to accelerate the pace of discovery worldwide. And we devise multidimensional strategies to not only reveal the underlying causes of disease, but also develop new diagnostics and de-risk the most promising therapeutic leads.



Office of Communications  
415 Main Street • Cambridge, MA 02142  
617-714-7151 • [communications@broadinstitute.org](mailto:communications@broadinstitute.org)  
[www.broadinstitute.org](http://www.broadinstitute.org)

Founded in 2004 by Eric Lander and philanthropists Eli and Edythe L. Broad, the Broad Institute unites faculty, professional staff, and students from throughout the MIT and Harvard biomedical research communities and beyond, with collaborations spanning over a hundred private and public institutions in more than 40 countries worldwide.

---

## NOTABLE FACTS

- The Broad Institute has led international projects to create the data sets and tools that have made possible systematic studies of the genetic basis of disease, and shared them freely with the scientific community.
- The Broad Institute has been a flagship center for the genetic and molecular analysis of common diseases—including identifying hundreds of genetic factors contributing to risk for conditions such as type 2 diabetes, heart disease, inflammatory bowel disease, rheumatoid arthritis, multiple sclerosis, autism, schizophrenia, and bipolar disorder.
- The Broad Institute has been a leader in the analysis of cancer genomes, including being a flagship of the Cancer Genome Atlas, identifying more than one hundred new genes that underlie cancer, and systematically charting the genetic vulnerabilities of tumor types.
- The Broad Institute has a repository of more than 1.7 million biological samples.

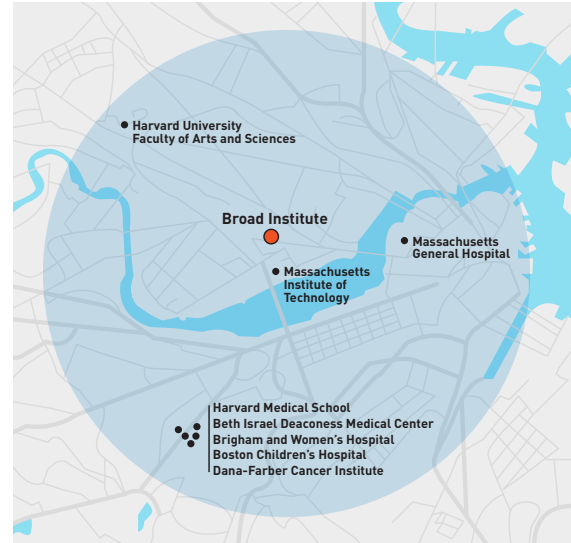
---

## COMMUNITY

The Broad Institute is home to a community of more than 3,300 members, including physicians, biologists, chemists, computer scientists, engineers, administrative staff, and representatives of many other disciplines.

The Broad Institute's partner institutions include:

- Beth Israel Deaconess Medical Center
- Boston Children's Hospital
- Brigham and Women's Hospital
- Dana-Farber Cancer Institute
- Harvard University
- Massachusetts General Hospital
- Massachusetts Institute of Technology



---

## AREAS OF FOCUS

Broad Institute scientists pursue a wide variety of projects that cut across scientific disciplines and institutions. These projects are fueled, in part, by communities of researchers that come together around shared challenges in major disease areas or scientific disciplines including:

- Cancer
- Chemical Biology and Therapeutics
- Diabetes
- Genome Regulation, Cell Circuitry, and Epigenomics
- Immunological Disease
- Infectious Disease and Microbiome
- Medical and Population Genetics
- Metabolism
- Obesity
- Psychiatric Disease
- Rare Disease

The institute is also deeply committed to technology and technology development. In-house teams with the expertise and organization to carry out large-scale projects work closely with Broad scientists and other collaborators to tackle problems that cannot be done in a typical laboratory. These teams include:

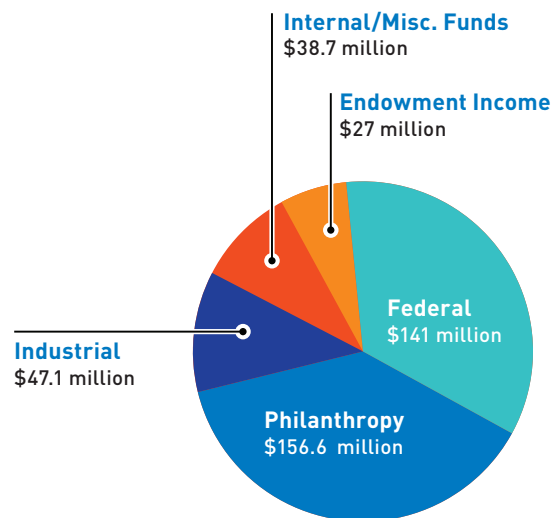
- Broad Technology Labs
- Data Sciences and Data Engineering
- Genetic Perturbation
- Genomics
- Imaging
- Metabolomics
- Proteomics

---

## FINANCIAL

### REVENUE BY SOURCE

FY2016 = \$410.4 million



---

## SCIENTIFIC PUBLICATIONS

- >7,300 total publications to date
- 1,238 in 2016
- 940 in 2015