ABOUT THE BROAD INSTITUTE OF MIT AND HARVARD

The Broad Institute of MIT and Harvard is the world’s leading biomedical research institute dedicated to the bold mission of using the full power of genomics to transform the understanding and treatment of disease. The Broad Institute seeks to describe all of the molecular components of life and their connections; discover the molecular basis of major human diseases; develop effective new approaches to diagnostics and therapeutics; and disseminate discoveries, tools, methods, and data openly to the entire scientific community.

Founded in 2004 by Eric Lander and philanthropists Eli and Edythe L. Broad, the Broad Institute includes 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 databases 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 1.3 million biological samples.
COMMUNITY

The Broad Institute is home to a community of more than 2,800 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
- Cell Circuits
- Chemical Biology
- Epigenomics
- Infectious Disease
- Medical and Population Genetics
- Metabolism
- Psychiatric Disease
- Cancer
- Cell Circuits
- Chemical Biology
- Epigenomics

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:

- Genomics
- Imaging
- Metabolite Profiling
- Proteomics
- Genetic Perturbation
- Technology Labs
- Therapeutic Discovery

FINANCIAL

REVENUE BY SOURCE
FY2015 = $321.3 million

- Industrial $24.2 million
- Endowment Income $25.9 million
- Federal $116.6 million
- Philanthropy $118.5 million
- Internal Funds $36.1 million

SCIENTIFIC PUBLICATIONS

- >5,800 total publications to date
- 963 in 2014
- 772 in 2013

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INSTITUTIONAL MILESTONES

JUNE 2003  Eli and Edythe Broad fund Broad Institute with $100 million founding gift; Eric Lander named director; David Altshuler, Todd Golub, and Stuart Schreiber appointed as founding core members

JULY 2004  Official opening of the Broad Institute of MIT and Harvard

JULY 2004  Groundbreaking for 415 Main Street, future home of the Broad Institute in Cambridge, MA

OCTOBER 2004  National Cancer Institute grant initiates the Cancer Program, the Broad's first disease-based research program

SEPTEMBER 2005  Eli and Edythe Broad commit second $100 million gift

JANUARY 2006  Aviv Regev joins as core member

MAY 2006  Grand opening of 415 Main Street

AUGUST 2006  Deborah Hung joins as core member

MARCH 2007  Stanley Center for Psychiatric Research founded with $100 million contribution from Stanley Medical Research Institute

SEPTEMBER 2008  $400 million endowment from Eli and Edythe Broad makes the Broad Institute a 501(c)(3) organization

JUNE 2009  Richard Merkin Foundation for Stem Cell Research at the Broad Institute founded

JULY 2009  Broad Institute becomes independent research organization

MAY 2011  Stanley Medical Research Institute announces $50 million contribution to Stanley Center for Psychiatric Research

JUNE 2009  Carlos Slim Center for Health Research at the Broad Institute founded with $65 million contribution from Carlos Slim Foundation

SEPTEMBER 2010  Feng Zhang and Myriam Heiman join as core members

NOVEMBER 2010  Edward Scolnick becomes core member

MAY 2011  Paul Blainey joins as core member

JANUARY 2012  Klarmann Cell Observatory launched with $32.5 million gift from Klarmann Family Foundation

OCTOBER 2011  Steven Hyman named Stanley Center director

OCTOBER 2013  Broad Institute launches Clinical Laboratory Improvement Amendments-certified (CLIA) platform

OCTOBER 2013  Carlos Slim Foundation donates $74 million for second phase of Carlos Slim Center for Health Research

NOVEMBER 2013  Eli and Edythe Broad provide an additional $100 million to fund second decade of the Broad Institute

MAY 2014  Grand opening of 75 Ames Street, Cambridge, MA

JULY 2014  Philanthropist Ted Stanley makes $650 million commitment to support work of the Stanley Center for Psychiatric Research

JULY 2016  David Liu joins as core member