

## By the Numbers

**1988**

Year the Institute was founded

**181**

Postdoctoral fellows and other trainees

**#5**

Worldwide rank based on scientific impact in the field of immunology

**154**

Technicians and support staff

**26**

Principal investigators

**\$3.09 million**

Federal grant funding per faculty, almost triple the national average

**451**

Total headcount

**21**

Board Members

**140,000**

Of square feet research space

**1**

National Academy of Sciences Member

## Research Areas

Allergies	Lassa
Alzheimer's	Mpox
Asthma	Nipah
Atherosclerosis	Parkinson's
Atopic Dermatitis	Pneumonia
Autoimmunity	Seasonal Allergies
Cancer & Cancer Immunotherapy	Sex-based Differences in the Immune System
COVID-19	Strep Throat
CMV	Tuberculosis
Dengue	Type 1 Diabetes
Ebola	Vaccines
Fibrosis	Vasculitis
Food Allergies	Whooping Cough
HIV Vaccine	Yellow Fever
Inflammatory Bowel Disease	Zika
Japanese Encephalitis	

## Research Centers



Center for Vaccine Innovation



Center for Sex-based Differences in the Immune System



Center for Cancer Immunotherapy



Center for Autoimmunity and Inflammation

## National Databases

### IEDB - Immune Epitope Database

a powerful resource to predict, analyze and characterize T and B cell immunity

### DICE - Database of Immune Cell Epigenomes

Reveals how genes act within the immune system to set it in motion

### CEDAR - Cancer Epitope Database and Analysis Resource

A database of potential immune system targets on a huge range of cancer cells

## Impact

**250+** Licensing agreements, commercial partnerships and collaborations

**125+** Patents issued to date

**7** Drugs/Technologies in clinical trials

## Collaborative Endeavors

- Women's Health Access Matters (WHAM)
- Viral Immunotherapeutic Consortium
- Coronavirus Immunotherapy Consortium (CoVIC)

## Partnerships

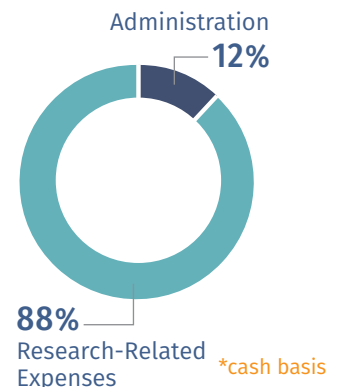
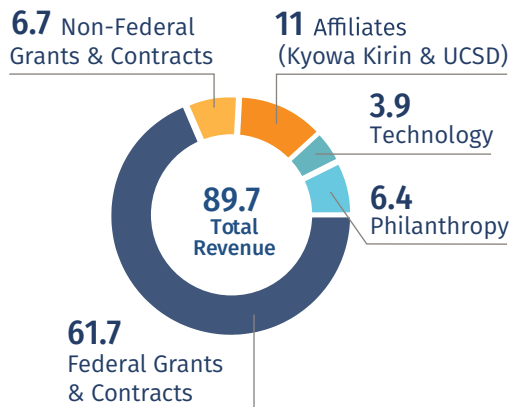
35 years with Kyowa Kirin, the longest industry: academia partnership

UC San Diego Health System

Sanford Consortium for Regenerative Medicine

SD Research Hub of the Human Vaccine Project

## 2022 financials\* (in millions)



## LA JOLLA INSTITUTE FOR IMMUNOLOGY

### Pursuing Breakthroughs through Collaboration

From the moment the La Jolla Institute for Immunology started to take shape in La Jolla, California, it formed strong ties to major academic institutions and medical centers. While the Institute is proud of its independence as a stand-alone, non-profit research organization, its researchers have established important partnerships within the research community—in San Diego, across the U.S. and throughout the world. This collaborative and collegial work environment enables pioneering science that reaches across disciplines, inspires out-of-the-box thinking, sparks creativity and ultimately results in life-saving innovations.

#### MISSION

The Institute will engage in a world class biomedical research program with a focus on the immune system. It will conduct, share, and partner such that the results of its discovery program will make outsized contributions to the betterment of human health.

### Our Faculty

Handpicked for their pioneering spirit, creativity and collaborative approach, twenty-six world leaders in immunology head independent laboratories that work on understanding different aspects of the immune system using the latest biomedical research tools and technologies. Often, they come together to share expertise while pursuing novel medical advances. Led by President and Chief Executive Officer Dr. Erica Ollmann Saphire, the Institute is widely regarded as one of the best places in the world to work in academia and research papers by LJI scientists are among the most cited in immunology.

### Our Facility

The La Jolla Institute for Immunology is located in UC San Diego's Science Research Park and is a world-class biomedical research institute covering 145,000 square feet. Our space provides an open laboratory setting that encourages LJI's famously collaborative research environment. Specialized research rooms are suited for all aspects of molecular and cellular biology and feature larger lab areas that can support critical technologies and infrastructure. These technologies include highly sophisticated instrumentation for analysis at the atomic, genetic, protein and cellular levels—all of which are critical to advancing understanding of immune system disease.