

Research for the Benefit of Humankind

The Stowers Institute is a place where visionary scientists are catalysts for discoveries that are transforming our understanding of human health and disease and where technology is advancing the pace of research.

\$2B

Dollars Spent on
Research

20

Principal
Investigators

15

Technology
Centers

150

Ongoing Research
Projects

500

Researchers and
Support Staff

60

Postdoctoral
Researchers

60

Predocutorial
Researchers

10

Acre Campus

4

Research Training
Programs

4

American Association
for the Advancement
of Science Fellows

4

American Academy
of Arts and
Sciences Fellows

3

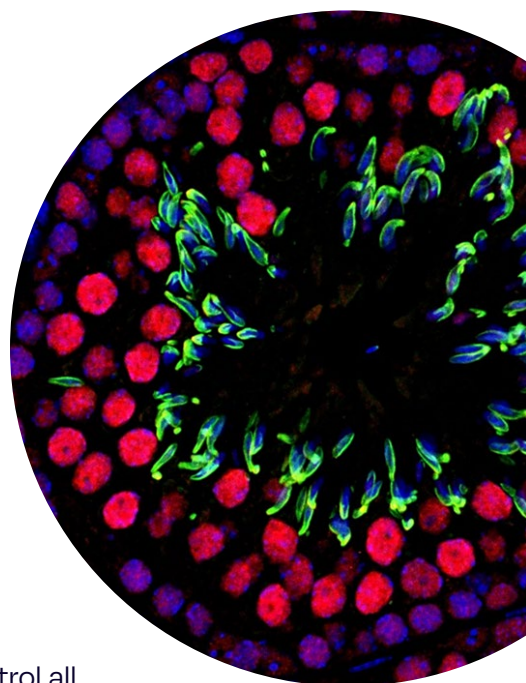
National Academy
of Sciences
Members

Foundational Science. Profound implications.

Stowers investigators seek to discover how specific genes and proteins are expressed and controlled by factors both externally and internally to the organism. They analyze how these molecules control virtually all biological processes, from cell division to cell fate, from processing smells to storing fat, and from generating memories to regenerating body parts.

With unparalleled support of multiple Technology Centers that offer an abundance of research tools, services, and expertise, our scientists pursue curiosity-driven research that aims to resolve some of the unanswered questions in biology.

Ultimately, the resulting insights into the highly dynamic processes that control all cellular and physiological functions will translate into innovative approaches and strategies to prevent illness and disease.



Research areas:

- Development and Regeneration
- Evolutionary Biology
- Genetics and Genomics
- Molecular and Cellular Biology
- Neuroscience
- Systems Biology

Research organisms:

- Planaria
- Sea anemone
- Cavefish
- Fruit fly
- Chameleon
- Zebrafish
- Apple snail
- Mice
- Killifish
- Coral
- Yeast
- Microorganisms



More about
our research

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