Stowers Institute

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.

$1.8B
Dollars Spent on Research

20
Principal Investigators

16
Technology Centers

150
Ongoing Research Projects

500
Researchers and Support Staff

60
Postdoctoral Researchers

60
Predoctoral Researchers

10
Acre Campus

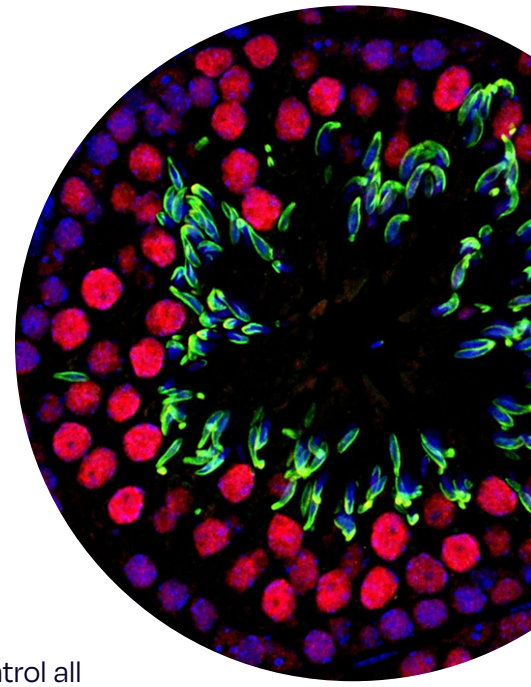
4
Research Training Programs

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

stowers.org

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