



**Bold, fast, & cheap:
A new way to map the brain**

Mapping the 100 trillion or so connections between the neurons in the human brain has challenged the limits of even our most advanced technologies. Professor Tony Zador's team has just reported a giant leap forward, by harnessing the power, speed and low cost of high-capacity DNA sequencing.

[More](#)

In the news



Cold Spring Harbor team develops sequencing method to map neuron transmissions
August 25, 2016

HealthImaging

Scientists utilize RNA to map neural networks
August 24, 2016



CSHL genome engineering meeting shows maturing CRISPR technologies
August 22, 2016

MIT Technology Review

New brain-mapping technique captures every connection between neurons
August 18, 2016



CSHL's Fan finds clue in the way ovarian cancer spreads
August 2, 2016

FINANCIAL REVIEW

Evidence accumulates against using antioxidants in cancer
August 2, 2016

THE WALL STREET JOURNAL

Blagen, Ions spinal muscular atrophy therapy meets study goal
August 1, 2016

From Bench to Bedside and Beyond



A unique & affordable meeting on pediatric cancer

[More Info](#)

In quotes

Professor Michael Wigler
in *The Scientist*:



The genes underlying autism are coming into focus

August 1, 2016

Remarkable results aid very sick children

Spinal muscular atrophy is the leading genetic cause of infant death, and a new drug called nusinersen may be the first effective treatment for it. A clinical trial for this drug, made possible by basic research from Professor Adrian Krainer's lab, was ended early because results in infants have been so positive.



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A vital ally in the preprint revolution

The *New York Times* has described biologists using the Press' preprint server bioRxiv as "rogues." CSHL alumna and Nobel laureate Carol Greider and many others are proud of the label. Now, Dr. Robert Lourie, a CSHL trustee and head of Futures Research at Renaissance Technologies, is doubling down on his commitment to the revolution with a second generous donation.



[More](#)

Further reading

- * Non-modern family (Episode 3 of CSHL's new podcast, *Base Pairs*)
- * Riding out of the shadows of ALS, toward better treatments

From the Lab Dish blog -

Painting with microbes brings an unseen world into public view



Upcoming events

September 18
Christina Renna Foundation 2016
Walk-a-thon & Blood Drive

September 18
Public lecture
Update on Lyme disease

September 18
Science walking tours



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