



In cancer, one wrong makes a right?

The idea that the wrong number of chromosomes can give rise to cancer dates back over a century. We know now that most cancers do indeed have an abnormal number of chromosomes—yet evidence from Jason Sheltzer's lab suggests that cells on their way to becoming cancerous are *less* harmful if they have a single extra chromosome.

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In the news

SCIENTIFIC AMERICAN

High-Sugar Diet Makes Flies Drop Like...Flies
January 23, 2016

HealthITAnalytics

Northwell Health launches precision medicine, cancer biobank
January 20, 2016

genomeweb

PAG presenter outlines maize ENCODE plans
January 19, 2016

Newsday

Gov. Andrew Cuomo's budget: major programs
January 18, 2016

TheScientist

Journals seek out preprints
December 9, 2016

FierceBiotech

Plus-sized fly could boost research aimed at treating hereditary obesity
January 12, 2016

MIT Technology Review

10 Breakthrough Technologies of 2016: Where Are They Now?
January 2, 2016

Taking the lead on sarcoma research: CSHL Sarcoma Group reaches \$500,000 fundraising milestone



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In quotes

Professor Rob Martienssen in *Biospace*:



Biospace: Science, crop diseases, and GMO controversy

January 18, 2016



Reversing Rett syndrome's impairment of adult learning

Learning impairment is a deeply disabling component of Rett syndrome, a neurodevelopmental disorder seen almost exclusively in females. As a result, adult female mice modeling the disorder don't learn how to properly care for their pups. Now, experiments from Stephen Shea's lab show that it's possible to reverse this learning deficit in adult female mice.

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A bank for cancer research

Scientists have been saying for years that they could learn a lot more about cancer if they had better access to samples and data from patients under treatment. A new cancer research "biobank," created by Northwell Health in collaboration with the company Individuum, is a step in that direction—and one that will greatly benefit cancer research at CSHL.

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Further reading

- * CSHL joins NCI-designated cancer centers in endorsing updated HPV vaccination recommendations
- * Plus-sized fly: a model to understand the mechanisms underlying human obesity
- * Austin's Purpose Raises \$10,000 for Cold Spring Harbor Laboratory Neuroscience

From the LabDish blog



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Upcoming events

Feb 4, 16, 21 & 23
DNA Learning Center
Otzi the Iceman tour

March 1
Cocktails & Chromosomes
Plant scientist Rob Martienssen on biofuels



You can help make a difference

