


Unusual drug strikes blow against aggressive breast cancer

RNA is not just DNA's less famous, wannabe cousin – these molecules play critical roles in our bodies. A new approach from David Spector's team makes it possible to seek and destroy a type of RNA that supports breast cancer growth and metastasis.

[More](#)

 In the news



CSH Laboratory tests the limits of science
December 30, 2015



Why brain scientists should fall
December 15, 2015



Stopping premature protein synthesis halts genetic diseases
December 15, 2015



Amid cancer breakthroughs, hospitals aim for top talent, clinical trials
December 14, 2015



CSHL's Van Aelst studies signals that can lead to disease
December 9, 2015

Syosset Patch.

Syosset students become familiar with DNA
December 7, 2015

” In quotes

Alumna Evelyn Witkin in *The New York Times*: **Evelyn Witkin and the road to DNA enlightenment**
December 14, 2015



Families learn genetic root of children's disease

Intellectual disability, weak muscles, distorted facial features - parents could see the symptoms in their children. But they had no diagnosis or knowledge if others shared the symptoms. Gholson Lyon now identifies their ailment as a new syndrome. [More](#)



A no-nonsense approach to fighting genetic illnesses

Like a stray wrench in a factory's machinery, a "nonsense" mutation in a gene can endanger the entire operation. To prevent damage, cells shut down protein production upon finding such a mutation - but this can still lead to disease. Adrian Krainer is crafting a way to keep the cellular factory running. [More](#)




Further reading

- [Neuroscientist Anthony Zador is named a "Top 100 Global Thinker" of 2015](#)
- [Clark Gillies Foundation gives \\$50,000 for Sarcoma Research at CSHL](#)

From the Lab Dish blog - 5th graders spend a day as young scientists



 Upcoming Events

January 16
*Christina Renna Foundation
An Angel's Wish Gala
Dinner-Dance 2016*

Various Dates
*DNA Learning Center
Saturday DNA! sessions*

February 10
*Cocktails & Chromosomes:
Neuroscientist Anthony Zador*

2016 Cultural Series
*Subscribe to our 2016
Concert Season*



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