Making sure cancer drugs hit their target

Simply knowing that a new candidate drug for leukemia worked in laboratory tests wasn’t enough for Chris Valicor and his team. They set out to prove how the drug works by developing an efficient, rigorous, and broadly applicable technique for assessing the mechanism of new drugs, not only ones targeting cancer.

A way to prevent ovarian cancer spread

Most cases of ovarian cancer go undetected until the cancer has spread to other parts of the body, resulting in a 5-year survival rate of under 35%. For anatomical reasons, ovarian cancer cells are quick to migrate—but research from Nicholas Tonon’s lab reveals a new way to keep these cancers from spreading.

Further reading

* Corn controversy (Episode 2 of CSHL’s new podcast, Base Pairs)
* To divide or not to divide: a cellular feedback loop that enables new cells to make a fatal decision
* Riding out of the shadows of ALS, toward better treatments

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In quotes

Assistant Professor Jesse Gillis in Genetic Engineering & Biotechnology News:

"If "Overall" Underwhelms, Try RNA-Seq"

July 1, 2016

Upcoming events

August 4
Codfish & Clamsomoso: Plant biologist Zachary Lopeman on tomato security

August 6 & 28
Science walking tours

August 9
Westshet Breast Cancer Coalition Omen Shocking metastatic tumor fundraiser

September 18
Public Lecture Update on Lyme disease