In "Quotes"

Assistant Professor [Name] speaks at SFARI: "Sequence: study identifies impact of autism mutations."

December 16, 2014

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Filtering out distractions

We are surrounded by distractions. There is a TV in the dining area of the restaurant and a phone in the hands of the youngest child. How do we control the neurons that control attention in the brain? We need to investigate the neural circuits that control attention in the brain. This work has important implications for attention deficit disorders like ADHD and attention problems in other illnesses including schizophrenia. Read more.

Improved gene 'knockdown' technology for research, drug discovery

March of contemporary biological research relies on scientists' ability to turn specific genes off. In the 1990s, a powerful natural process called RNA interference (RNAi) was first observed in the worm, enabling scientists to do just that. Since then, gene knockdown technology has been used in labs across the world to study everything from the mechanisms of cancer to how our brains work. CSHL Professor and HHMI Investigator Greg Hannon has been instrumental in testing out the intricacies of the RNAi. His team's latest paper describes a new method that significantly improves the technology, making genetic research more effective. Read more.

Manhasset breast cancer group makes big impact on research

The Manhasset Women's Coalition Against Breast Cancer (MWCABC) has donated $100,000 for breast cancer research at CSHL. The gift will support the work of Dr. Sarah Dameshek of the Specter lab, who is using mouse models to understand the development of breast cancer and to isolate malignant ductal cells. By comparing cancer cells to normal cells, she hopes to identify new therapeutic targets for this deadly disease.

New trustees bring valued expertise to CSHL

CSHL has elected three new trustees to the Board of Directors: Latif Baligh, a Senior Research Scientist at Renaissance Technologies Corporation, is the distinguished leader in engineering and information theory. David M. Knoll of Knoll Partners brings expertise in investment management. The Lab will also benefit from the leadership of Elizabeth McCaul, who offers insight into domestic and international banking through her work for Prudential Financial Group. Read more.