• Scientists in the Leslie and Jean Quick Building and the William L. and Marjorie A. Matheson Building will focus on cancer research. This will include developing new strategies for cancer therapy and diagnosis, including scanning genomes for cancer mutations, using RNAi libraries to screen for new therapeutic targets, and using animal models to test cancer therapies.

• The DeMatteis Family Building will focus on Human Genetics and allow CSHL scientists to expand their existing research into the genetics of cancer and neurological diseases such as autism, Parkinson’s disease, and schizophrenia.

• The David H. Koch Building will focus on bioinformatics and quantitative biology. Scientists there will use computers to analyze the large sets of data produced by human genetics research. Such analysis can help researchers understand human diseases like cancer and the complexities of the brain.

• The Wendt Family Building will focus on learning and cognition, and on how the normal brain functions to perceive events and actions, pay attention, and make decisions. In short, how our brains compute.

• The Donald Everett Axinn Building will focus on cognitive disorder research. Scientists there will explore abnormal brain function caused by diseases such as autism, schizophrenia, and bipolar disorders.

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