

Study reveals dynamic changes in gene regulation in human stem cells

Last year, this team reported recurrent changes in the genomes of human [pluripotent stem cells](#) as they are expanded in culture. The current report, which appears in the May 4, 2012 issue of the journal *Cell Stem Cell*, shows that these cells can also change their [epigenomes](#), the patterns of DNA modifications that regulate the activity of specific [genes](#)—sometimes radically. These changes may influence the cells' abilities to serve as models of human disease and development.

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