

## DNA methylation study finds key to bee destiny

New research published in the journal [Nature Neuroscience](#) on September 16, 2012, and reviewed at the [Eureka Alert web site](#) on the same day is the first to develop an understanding of behavior and the relationship of [DNA methylation](#) to behavioral change in [bees](#).

Andy Feinberg, M.D., M.P.H., Gilman scholar, professor of molecular medicine and director of the Center for Epigenetics at [Johns Hopkins](#) Institute for Basic Biomedical Sciences and [Gro Amdam](#), Ph.D., associate professor of life sciences at [Arizona State University](#) and the [Norwegian University of Life Sciences](#), analyzed the DNA methylation patterns in the brains of 21 bees using [CHARM](#) (comprehensive high-throughput arrays for relative methylation). CHARM allows the analysis of the entire genome at once.

**View the original article here: [DNA methylation study finds key to bee destiny](#)**