

Maken erfelijke eigenschappen een bij tot individu? En is dat nuttig?

Literatuur

- Benedictus, R., 2001. Epigenetica ontstijgt DNA. *Bionieuws* 11(19):9.
- Buttstedt, A., Ihling, C.H., Pietzsch, M. en Moritz, R.F.A., 2016. Royalactin is not a royal making of a queen. *Nature* 537:10-12.
- Head, J.A., Dolinoy, D.C. en Basu, N., 2012. Epigenetics for ecotoxicologists. *Environmental Toxicology and Chemistry* 31(2):221-227.
- Herb, B.R., Wolschin, F., Hansen, K.D., Aryee, M.J., Langmead, B., Irizarry, R., Amdam, G.V. en Feinberg, A.P., 2012. Reversible switching between epigenetic states in honeybee behavioral subcastes. *Nature Neuroscience* 15:1371-1373.
- LeBoeuf, A.C. en Grozinger, C.M., 2014. Me and we: the interplay between individual and group behavioral variation in social collectives. *Current Opinion in Insect Science* 5:16-24.
- Li J, Wu J, Begna Rundassa D, Song F, Zheng A, Fang Y (2010) Differential Protein Expression in Honeybee (*Apis mellifera* L.) Larvae: Underlying Caste Differentiation. *PLoS ONE* 5(10): e13455. doi:10.1371/journal.pone.0013455
- Rasmussen, E.M.K. en Amdam, G.V., 2015. Cytosine modifications in the honeybee (*Apis mellifera*) worker genome. *Frontiers in Genetics* 6, article 8, pp. 5.
- Robinson, G.E., Underwood, B.A. en Henderson, C.E., 1984. A highly specialized water-collecting honey bee. *Apidologie* 15(3):355-358.
- Schwander, T., Lo, N., Beekman, M., Oldroyd, B. en Keller, L. 2010. Nature versus nurture in social insect caste differentiation. *Trends in ecology and evolution* 25(5):275-282.
- Shi, Y.Y., Yan, W.Y., Huang, Z.Y., Wang, Z.L., Wu, X.B. en Zeng, Z.J., 2013. Genomewide analysis indicates that queen larvae have lower methylation levels in the honey bee (*Apis mellifera*). *Naturwissenschaften* 100(2):193-197.
- Spannhoff, A., Kim, Y.K., Raynal, N.J.-M., Gharibyan, V., Su, M.-B., Zhou, Y.-Y., Li, J., Castellano, S., Sbardella, G., Issa, J.-P.J. en Bedford, M.T., 2011. Histone deacetylase inhibitor activity in royal jelly might facilitate caste switching in bees. *EMBO Reports* 12(3):238-243.
- Walton, A. en Toth, A.L., 2016. Variation in individual worker honey bee behavior shows hallmarks of personality. *Behavioral Ecology and Sociobiology* 70:999-1010.