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Articles selected by Faculty of **1000**: single-cell neuronal expression analysis; array analysis of chick hair cells; coiled-coil protein arrays; high-throughput identification of plasmodesmata-interacting proteins; multicomponent therapeutics

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Summary

A selection of evaluations from Faculty of 1000 covering single-cell neuronal expression analysis, array analysis of chick hair cells, coiled-coil protein arrays, high-throughput identification of plasmodesmata-interacting proteins and multicomponent therapeutics.

Single-cell neuronal expression analysis

Single-cell transcriptional analysis of neuronal progenitors. Tietjen I, Rihel JM, Cao Y, Koentges G, Zakhary L, Dulac C. *Neuron* 2003, **38**:161-175.

For the Faculty of 1000 evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2003-4-8-334.asp#Tietjen>

Array analysis of chick hair cells

Gene expression differences in quiescent versus regenerating hair cells of avian sensory epithelia: implications for human hearing and balance disorders. Hawkins RD, Bashiardes S, Helms CA, Hu L, Saccone NL, Warchol ME, Lovett M. *Hum Mol Genet* 2003, **12**:1261-1272.

For the Faculty of 1000 evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2003-4-8-334.asp#Hawkins>

Coiled-coil protein arrays

Comprehensive identification of human bZIP interactions with coiled-coil arrays. Newman JR, Keating AE. *Science* 2003, **300**:2097-2101.

For the Faculty of 1000 evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2003-4-8-334.asp#Newman>

High-throughput identification of plasmodesmata-interacting proteins

High-throughput viral expression of cDNA-green fluorescent protein fusions reveals novel subcellular addresses and identifies unique proteins that interact with plasmodesmata. Escobar NM, Haupt S, Thow G, Boevink P, Chapman S, Oparka K. *Plant Cell* 2003, **15**:1507-1523.

For the Faculty of 1000 evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2003-4-8-334.asp#Escobar>

Multicomponent therapeutics

Systematic discovery of multicomponent therapeutics. Borisy AA, Elliott PJ, Hurst NW, Lee MS, Lehar J, Price ER, Serbedzija G, Zimmermann GR, Foley MA, Stockwell BR, Keith CT. *Proc Natl Acad Sci USA* 2003, **100**:7977-7982.

For the Faculty of 1000 evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2003-4-8-334.asp#Borisy>