

PublisherInfo		
PublisherName	:	BioMed Central
PublisherLocation	:	London
PublisherImprintName	:	BioMed Central

Articles selected by Faculty *of* 1000: profiling human and chimpanzee brains; genome-wide search for cellular systems; crossover control in *C. elegans*; RNA role in prion disease; self-assembly of protein arrays

ArticleInfo		
ArticleID	:	3476
ArticleDOI	:	10.1186/gb-2003-4-12-353
ArticleCitationID	:	353
ArticleSequenceNumber	:	17
ArticleCategory	:	Paper report
ArticleFirstPage	:	1
ArticleLastPage	:	3
ArticleHistory	:	RegistrationDate : 2003-11-5 OnlineDate : 2003-11-5

ArticleCopyright	:	BioMed Central Ltd2003
ArticleGrants	:	
ArticleContext	:	13059441212

The Author(s)

Summary

A selection of evaluations from Faculty of **1000** covering the profiling of human and chimpanzee brains, a genome-wide search for cellular systems, crossover control in *C. elegans*, a role for RNA molecules in prion disease and self-assembly of protein arrays.

Profiling human and chimpanzee brains

Elevated gene expression levels distinguish human from non-human primate brains. Caceres M, Lachuer J, Zapala MA, Redmond JC, Kudo L, Geschwind DH, Lockhart DJ, Preuss TM, Barlow C. *Proc Natl Acad Sci U S A* 2003, Oct 13

For the Faculty of 1000 evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2003-4-12-353.asp#Caceres>

Genome-wide search for cellular systems

Discovery of uncharacterized cellular systems by genome-wide analysis of functional linkages. Date SV, Marcotte EM. *Nat Biotechnol* 2003, **21**:1055-1062.

For the Faculty of 1000 evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2003-4-12-353.asp#Date>

Crossover control in *C. elegans*

Chromosome-wide control of meiotic crossing over in *C. elegans*. Hillers KJ, Villeneuve AM. *Curr Biol* 2003, **13**:1641-1647.

For the Faculty of 1000 evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2003-4-12-353.asp#Hillers>

RNA role in prion disease

RNA molecules stimulate prion protein conversion. Deleault NR, Lucassen RW, Supattapone S. *Nature* 2003, **425**:717-720.

For the Faculty of 1000 evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2003-4-12-353.asp#Deleault>

Self-assembly of protein arrays

Self-assembly of proteins into designed networks. Ringler P, Schulz GE. *Science* 2003, **302**:106-109.

For the Faculty of 1000 evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2003-4-12-353.asp#Ringler>