
From: Ed Boyden, [REDACTED] <[REDACTED]>
Sent: Monday, July 10, 2017 3:54 PM
To: Joichi Ito
Cc: [REDACTED]; Jeffrey Epstein; Nowak, Martin
Subject: Re:

Very interesting!

In the brain there are countless "handshakes" -- one cell releases a messenger, another receives it -- that cause the guidance of neurons in very specific patterns. Some neurons also bear, on their surfaces, receptors that talk to receptors on other cells. For example, Drosophila splice one gene into 30,000 kinds, which then help neurons connect up in specific ways=

<http://www.sciencedirect.com/science/article/pii/S0092867404007962>
<<http://www.sciencedirect.com/science/article/pii/S0092867404007962>>

Best,
Ed
</=iv>

On Sat, Jul 8= 2017 at 5:55 PM, Joichi Ito <[REDACTED] <mailto:[REDACTED]> > wrote:
=blockquote class="gmail_quote" style="margin:0 0 0 .8ex; border-left:1px #ccc solid; padding-left:1ex"> Nice.

So do we understand how the genomes encodes these things? =s there a common language genetically?

- Joi

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(Tip: Use NRR to mean No Reply Required - thank=you!)

On Jul 8, 20=7, at 4:41 PM, [REDACTED] <[REDACTED] <mailto:[REDACTED]> > wrote:

Striking. And see ph=to --

Tree, brain vasculature

On Jul 8, 2017, a= 10:18 AM, jeffrey E. <jeevacation@gmail.com <mailto:jeevacation@gmail.com> > wrote:

<https://www.sciencedaily.com/releases/2017/07/170706143153.htm>
<<https://www.sciencedaily.com/releases/2017/07/170706143153.htm>>

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p=ease note

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[http://\[REDACTED\]](http://[REDACTED])