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Image: W. J. E. M. Habraken and C. J. van den Hoogen/ Eindhoven University of Technology

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TECHNICAL COMMENTS

Comment on “Detection, Stimulation, and Inhibition of Neuronal Signals with High-Density Nanowire Transistor Arrays”
P. Fromherz and M. Voelker

full text at www.sciencemag.org/cgi/content/full/323/5920/1429b

Response to Comment on “Detection, Stimulation, and Inhibition of Neuronal Signals with High-Density Nanowire Transistor Arrays”
B. P. Timko et al.

full text at www.sciencemag.org/cgi/content/full/323/5920/1429c

Translocating the sigma-1 receptor.

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RESEARCH ARTICLE: Rac1 is a Critical Mediator of Endothelium-Derived Neurotrophic Activity
N. Sawada et al.

Rac1 drives transcriptional programs in endothelial cells that alter endothelial barrier property and expression of neurotrophic factors.

PERSPECTIVE: When the Endogenous Hallucinogenic Trace Amine N,N-Dimethyltryptamine Meets the Sigma-1 Receptor
T.-P. Su et al.

An endogenous hallucinogenic compound binds to a ligand-gated chaperone.

PERSPECTIVE: Reversible Phosphorylation of Histidine Residues in Proteins from Vertebrates
S. Klump and J. Krieglstein

The importance of kinases and phosphatases to signaling mechanisms is extended by their regulation of histidine residues.

NETWATCH: PubChem
Access a database of structural, chemical, and functional attributes of small bioactive molecules; in Bioinformatics Resources.

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