Resource Summary Report

Generated by NIF on May 25, 2025

Genes to Cognition Online

RRID:SCR_002746
Type: Tool

Proper Citation

Genes to Cognition Online (RRID:SCR_002746)

Resource Information

URL: http://www.g2conline.org/

Proper Citation: Genes to Cognition Online (RRID:SCR_002746)

Description: Genes to Cognition (G2C) Online is about modern neuroscience. It focuses on cognitive disorders, cognitive processes, and research approaches. Use the dynamic network maps to explore our library of 750+ unique items. Or, use the linear Selected Items menu on top of each map to tour selected content. Read the G2C blog, use simple mapper, or the 3-D brain, an interactive model of the brain. Disorders included in this site: ADHD, Alzheimer's Disease, Autism, Bipolar Disorder, Depression, Schizophrenia Cognitive Processes include: Attention, Language, Learning and Memory, Perception, and Thinking Research Approaches include: Bioinformatics, Ethics, Gene Finding, Model systems, Neuroimaging, Psychology. Navigation: Interact with the dynamic Networks Maps to explore the full catalog of content. Roll-over a node on the map for a preview and click to open the content. Move on to other content by returning to the network map. Each node you visit on the map gets flagged. Follow the Selected Items Subway Line for an overview of a topic. Roll-over a subway node for a preview and click to open the content. Other Features: Most content items include links to Related Items, which allow you to explore further. The Glossary includes over 300 neuroscience keywords. Search for content using keywords or id number. Select a preferred network map to view the content in context. Open/close the History at the lower left to view visited content. Your history is stored until you clear it. Simple Mapper - We developed Simple Mapper to power this web site on the brain. Now, you can use it to organize what comes out of yours! With Simple Mapper create and save concept maps, network diagrams, or flowcharts for personal use or to share with others. 3-D Brain - The G2C Brain is an interactive 3-D model of the brain, with 29 structures that can be rotated in three-dimensional space. Each structure has information on brain disorders, brain damage, case studies, and links to modern neuroscience research. Ideal for students, researchers, and educators in psychology and biology. Also available for download: 3D Brain App for iPhone and iPod Touch!

Abbreviations: G2C

Synonyms: G2C Online

Resource Type: training material, blog, software application, topical portal, data or information resource, portal, narrative resource, software resource

Keywords: gene, cognition, cognitive, disorder, map, network, neuroscience, process, research, biochemical, cell, brain anatomy, environment, k-12

Funding: The Dana Foundation ;
William and Flora Hewlett Foundation

Availability: Free, Public

Resource Name: Genes to Cognition Online

Resource ID: SCR_002746

Alternate IDs: nif-0000-25051

Record Creation Time: 20220129T080215+0000

Record Last Update: 20250525T030718+0000

Ratings and Alerts

No rating or validation information has been found for Genes to Cognition Online.

No alerts have been found for Genes to Cognition Online.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Sánchez S, et al. (2023) Frequent copy number variants in a cohort of Mexican-Mestizo individuals. Molecular cytogenetics, 16(1), 2.

Schiapparelli LM, et al. (2019) The Retinal Ganglion Cell Transportome Identifies Proteins Transported to Axons and Presynaptic Compartments in the Visual System In Vivo. Cell reports, 28(7), 1935.

Berg JM, et al. (2012) Autism genetics: searching for specificity and convergence. Genome biology, 13(7), 247.

Hamdan FF, et al. (2011) Excess of de novo deleterious mutations in genes associated with glutamatergic systems in nonsyndromic intellectual disability. American journal of human genetics, 88(3), 306.

Labriole M, et al. (2010) Promoting brain-science literacy in the k-12 classroom. Cerebrum : the Dana forum on brain science, 2010, 15.

Croning MD, et al. (2009) G2Cdb: the Genes to Cognition database. Nucleic acids research, 37(Database issue), D846.