Resource Summary Report

Generated by NIF on May 21, 2025

Institute for Systems Biology; Washington; USA

RRID:SCR_011305
Type: Tool

Proper Citation

Institute for Systems Biology; Washington; USA (RRID:SCR_011305)

Resource Information

URL: http://www.systemsbiology.org/

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Description: The Institute for Systems Biology (ISB) was established to address the greatest challenge of 21st-century science understanding biological complexity. Since its founding in 2000, ISB has been a pioneering source of new knowledge, innovative technologies and computational tools, and creative ways of understanding, conducting and communicating science. An independent, non-profit organization poised between academia and industry, ISB is deeply committed to discovering knowledge and translating its benefits to society. ISB commercializes its discoveries; advances science education; helps society better understand the impacts of science and technology; and creates exciting new organizations that facilitate these transfers. ISB is catalyzing fundamental paradigm changes in how the life sciences and medicine are practiced globally. Researchers at ISB are generating results that can be applied to some of society''s most perplexing problems in medicine, global health and the environment. They are creating productive strategic partnerships with universities, companies and governments around the world, which are essential to attacking these challenges in a trans-disciplinary manner.

Abbreviations: ISB

Synonyms: Institute for Systems Biology

Resource Type: institution

Funding:

Resource Name: Institute for Systems Biology; Washington; USA

Resource ID: SCR_011305

Alternate IDs: nlx_13040

Record Creation Time: 20220129T080303+0000

Record Last Update: 20250519T203655+0000

Ratings and Alerts

No rating or validation information has been found for Institute for Systems Biology; Washington; USA.

No alerts have been found for Institute for Systems Biology; Washington; USA.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Sanhueza N, et al. (2021) Behavioural Fever Promotes an Inflammatory Reflex Circuit in Ectotherms. International journal of molecular sciences, 22(16).

Torres-Sangiao E, et al. (2021) Application and Perspectives of MALDI-TOF Mass Spectrometry in Clinical Microbiology Laboratories. Microorganisms, 9(7).

Sanhueza N, et al. (2018) Thermal Modulation of Monoamine Levels Influence Fish Stress and Welfare. Frontiers in endocrinology, 9, 717.

Vogt H, et al. (2016) The new holism: P4 systems medicine and the medicalization of health and life itself. Medicine, health care, and philosophy, 19(2), 307.

Ma B, et al. (2015) MnTEdb, a collective resource for mulberry transposable elements. Database : the journal of biological databases and curation, 2015.

Pegos VR, et al. (2014) Phosphate regulated proteins of Xanthomonas citri subsp. citri: a proteomic approach. Journal of proteomics, 108, 78.

Earm K, et al. (2014) Integrative approach in the era of failing drug discovery and development. Integrative medicine research, 3(4), 211.

Durban J, et al. (2013) Integrated "omics" profiling indicates that miRNAs are modulators of the ontogenetic venom composition shift in the Central American rattlesnake, Crotalus simus simus. BMC genomics, 14, 234.

Gupta R, et al. (2013) Leveraging information technology to improve control of neglected tropical diseases. PLoS neglected tropical diseases, 7(11), e2353.

Gui YX, et al. (2012) Extracellular signal-regulated kinase is involved in alpha-synuclein-induced mitochondrial dynamic disorders by regulating dynamin-like protein 1. Neurobiology of aging, 33(12), 2841.

González LG, et al. (2012) Identification, characterization and distribution of transposable elements in the flax (Linum usitatissimum L.) genome. BMC genomics, 13, 644.

Greenhaff PL, et al. (2011) 'Systems biology' in human exercise physiology: is it something different from integrative physiology? The Journal of physiology, 589(Pt 5), 1031.

Durban J, et al. (2011) Profiling the venom gland transcriptomes of Costa Rican snakes by 454 pyrosequencing. BMC genomics, 12, 259.

De Schutter E, et al. (2008) Why are computational neuroscience and systems biology so separate? PLoS computational biology, 4(5), e1000078.

Panigrahi AK, et al. (2007) Isolation and compositional analysis of trypanosomatid editosomes. Methods in enzymology, 424, 3.

Barrier M, et al. (2005) Proteomics in developmental toxicology. Reproductive toxicology (Elmsford, N.Y.), 19(3), 291.

Smith JJ, et al. (2002) Transcriptome profiling to identify genes involved in peroxisome assembly and function. The Journal of cell biology, 158(2), 259.