

Resource Summary Report

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NIGMS Computing Life

RRID:SCR_005850

Type: Tool

Proper Citation

NIGMS Computing Life (RRID:SCR_005850)

Resource Information

URL: <http://publications.nigms.nih.gov/computinglife/>

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Description: An NIGMS magazine that showcases the exciting ways that scientists are using the power of computers to expand our knowledge of biology and medicine. From text messaging friends to navigating city streets with GPS technology, we're all living the computing life. But as we've upgraded from snail mail and compasses, so too have scientists. Computer advances now let researchers quickly search through DNA sequences to find gene variations that could lead to disease, simulate how flu might spread through your school and design three-dimensional animations of molecules that rival any video game. By teaming computers and biology, scientists can answer new and old questions that could offer insights into the fundamental processes that keep us alive and make us sick. This booklet introduces you to just some of the ways that physicists, biologists and even artists are computing life. Each section focuses on a different research problem, offers examples of current scientific projects and acquaints you with the people conducting the work. You can follow the links for online extras and other opportunities to learn about and get involved in this exciting new interdisciplinary field.

Abbreviations: Computing Life

Resource Type: narrative resource, data or information resource

Keywords: computer, biology, medicine, human, health

Funding: NIGMS

Resource Name: NIGMS Computing Life

Resource ID: SCR_005850

Alternate IDs: nlx_149381

Record Creation Time: 20220129T080232+0000

Record Last Update: 20260801T191051+0000

Ratings and Alerts

No rating or validation information has been found for NIGMS Computing Life.

No alerts have been found for NIGMS Computing Life.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.