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Resource ID#: 53275

Primary Type: Video/Audio/Animation

Direct Link: http://labcenter.dnalc.org/labs/mutantorganisms/mutantorganisms_d.html

Exploring Mutant Organisms

- Interviews with expert scientists about the genome and mutant organisms
- Examples on model organisms used in genome research
- Animation explaining how mutations occur

General Information

Subject(s): Science

Grade Level(s): 9, 10, 11, 12

Intended Audience: [Educators](#), [Students](#)

Suggested Technology: Computer for Presenter, Computers for Students, Internet Connection, Java Plugin

Freely Available: Yes

Keywords: mutant, DNA, genome

Instructional Component Type(s): [Video/Audio/Animation](#), [Virtual Manipulative](#), [Teaching Idea](#)

Instructional Design Framework(s): [Demonstration](#)

Resource Collection: Games and Simulations

Source and Access Information

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Is this Resource freely Available? Yes

Access Privileges: Public

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Aligned Standards

Name	Description
SC.912.L.16.4:	Explain how mutations in the DNA sequence may or may not result in phenotypic change. Explain how mutations in gametes may result in phenotypic changes in offspring.
SC.912.L.16.8:	Explain the relationship between mutation, cell cycle, and uncontrolled cell growth potentially resulting in cancer.