

Features

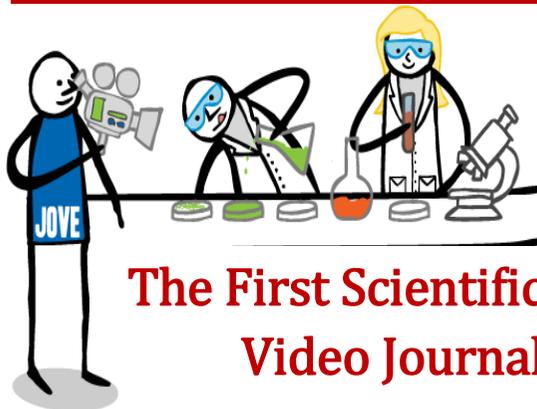
- Peer Reviewed
- JoVE publishes high quality, highly engaging scientific video demonstrations in our Journal
- PubMed/Medline indexed online journal publishing videos of methods in Biological Research
- increases in the productivity and efficiency of your research and teaching work.

Content

- Video demonstrations of biological experiments (video-protocols)
- Cell Biology Microbiology Development Biology and others

"Initially it took multiple tries, whereas now when we teach this technique with the JoVE video we have a success rate between 90 to 100 percent."
- Dr. Carrie Northcott,

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JoVE, the Journal of Visualized Experiments, is the world's first peer reviewed scientific video journal. Established in 2006, JoVE is devoted to publishing scientific research in a visual format to help researchers overcome two of the biggest challenges facing the scientific research community today.

- All JoVE articles are indexed in subject-relevant indexing sites, including PubMed/MEDLINE, SciFinder and Scopus
- Publishing in JoVE allows authors to dynamically present their methods, data analyses and results clearly, accurately, and professionally with the guidance of JoVE's professional videographers and editors

Library has been subscribing to the following three sections of the journal since 2014.

JoVE Biology is a primary reference resource which includes techniques and protocols from biological, medical, chemical and physical research. Areas of techniques covered include, but are not limited to Developmental Biology, Molecular biology, Bioinformatics, Marine biology, Environmental biology, Veterinary medicine, Non-pathogenic microbiology, Plant Biology.

Specific topics included in this section are as follows:

- Bioinformatics
- Cell signaling pathways and cell communication
- Cellular and genetic therapeutics
- Cellular and molecular imaging
- In vivo and in vitro models of disease
- Metabolism
- Models of aging

JoVE Chemistry surveys a broad scope of chemical disciplines. This collection includes fundamental and applied research that investigates molecular interactions, properties, and structure spanning in the following core divisions: analytical, organic, organometallic, inorganic, bioinorganic, and biochemistry. This section also includes the design and preparation of materials and small molecules for advanced or unique applications.

Content from the following chemical divisions appears in this section:

- Column chromatography
- Electrochemistry
- Electronic spectroscopy
- Mass spectrometry
- Molecular kinetics
- Nuclear and electronic characterization (NMR, EPR, etc)

- Structural characterization
- Synthesis and purification
- Synthetic biology

JoVE Behavior documents observational and experimental techniques that seek to understand human and animal behavior. Work in this field includes analysis of genetic causes and physiological responses to internal or external stimuli as well as the implicated brain regions.

Specific topics included in this section are as follows:

- Addiction
- Cognition (attention, reasoning, decision making)
- Cognitive neuroscience
- Consciousness
- Control of movement
- Emotion
- Learning and memory
- Linguistics
- Sexual and motivational behaviors
- Sleep and circadian rhythms
- Social awareness and interactions
- Virtual reality and perception

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