



# Powering the Scientific Research Process with Video

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We change how science is done

## Technical Knowledge On Demand

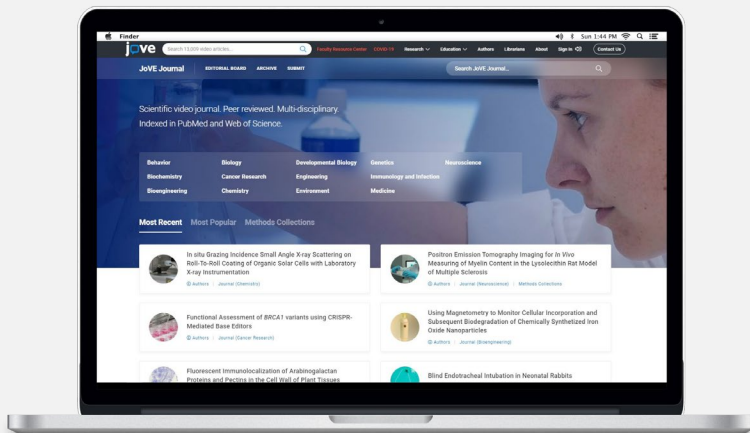
The scientific community constantly evolves, adding more efficient methods to the collection of proven gold-standard techniques. With JoVE, you can access new protocols and cutting-edge research anywhere, anytime.

## Uniformed Results

One of JoVE's greatest strengths is that it enables researchers to see and compare how fellow scientists gather similar data and develop their methods.

## Interdisciplinary Research

JoVE simplifies and streamlines the typically complex and time-consuming process of cross-disciplinary learning. You can rapidly learn techniques in disciplines you are unfamiliar with, without needing to contact the labs that devised these methodologies. With JoVE, you can learn from experts with no travel or additional expenditure required.



JoVE Journal landing page, featuring 13 science disciplines



**“When we are exploring a new type of experiment or a new type of protocol that we would like to introduce into the lab, the members in my lab often use JoVE as the first place that they will go to look for new protocols and to see how other people are doing it.”**

— Dr. Edwin S. Monuki  
Associate Director, Medical Scientist Training Program  
University of California, Irvine, USA

## Searching for JoVE articles

### Search Queries on [www.jove.com](http://www.jove.com)

When searching for content on [www.jove.com](http://www.jove.com), keep in mind that:

- Searches are conducted for all terms provided, within both titles and text articles/video page materials.
- Results are separated into Research content and Education content.
- The green dot to the right of the product name indicates that this video is included in your institution's subscription.
- Search terms enclosed in quotes return exact matches only.
- Putting a '-' before a term excludes that term from the search. Terms consisting of several words can be excluded from the search results by using quote marks and '-' before the term, e.g. -"blood cells".
- There are 'Subject', 'Author', 'Institution' and 'Publication Date' filters to help you narrow down the search.

### Scientific Indexes

JoVE articles are indexed in PubMed/Medline, Web of Science, ChemAbstracts, SciFinder, and Scopus, to name a few. Searching for 'JoVE', 'MyJoVE', JoVE [journal], or 'Journal of Visualized Experiments' on any online resource should bring up our content.

### Any search engine

Use your preferred search engine to find new articles.

## Creating a playlist of your favorite video articles

A playlist is a set of videos that are selected for a certain purpose and neatly organized in one place. They are the most convenient and user-friendly way to streamline training and research with JoVE.

You can:

- Clone and customize existing playlists.
- Share them with others.
- Locate the videos saved in a playlist whenever needed.
- Use labels to create engaging playlists.

**Learn how to create a playlist**

## Competitive Advantage

JoVE increases productivity, allowing you to avoid months wasted creating a protocol that has already been proven and published. This enables you to perform your experiments more quickly (and accurately). As a result, you can also better allocate grant money by reducing your expenditure on training, reagents and animals.

## Protocol Fidelity

JoVE publications help you generate Standard Operating Procedures (SOPs) to perform new techniques. This enables all new lab members to receive identical training, with access to the same video/text reference protocols. This can increase the experiment reproducibility rate within your lab.

## Training Efficiency

Frequently, labs must cope with high staff turnover. In addition, there are always new techniques that require adoption. Training via video format accelerates learning, giving students the ability to watch relevant videos as many times as they need. Created by experts, JoVE videos offer close-ups of complex methods, making even the most difficult protocols easier to adopt.

## Remote Collaboration

Geographically distant labs must frequently collaborate and send representatives back and forth for expensive training in the techniques required by a given project. However, finding relevant JoVE videos online is easy — they can be watched and studied anytime, anywhere; reducing (or even eliminating) the need for in-person training/teaching sessions.



**“JoVE videos are great training tools and serve as visual standard operating procedures in my lab. JoVE protocols give you extensive details on even what gauge needle was used. They are easy to reproduce because you have all the information, down to reagents.”**

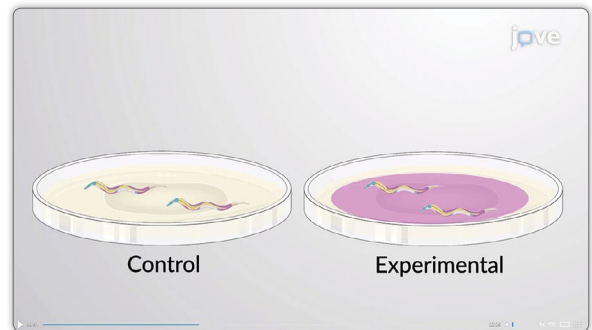
—Dr. Raja Sriperumbudur,  
Director of In-vivo Resource Center,  
Biogen, USA

## CHECK OUT OUR NEW ADDITION TO JoVE

### Encyclopedia of Experiments

A first-of-its-kind online video encyclopedia of advanced research experiments, with animations visualizing theory and videos demonstrating techniques performed in a real university laboratory.

#### Detailed animation help visualize and explain the theory behind an experiment



#### Step-by-step video demonstrations bring the protocol to life



From *Caenorhabditis elegans* (worm) collection

## Share Techniques With the Scientific Community

Publishing in JoVE facilitates the efficient transfer of techniques within research communities, promoting standardization and collaboration, and accelerating scientific progress.

You can now showcase your research with JoVE as part of a Methods Collection. This allows you to increase the impact of your research by publishing it as part of a collection of peer-reviewed video articles demonstrating the methods actively used by your research community.

**Browse Methods Collections**

## Improve Efficiency In Your Lab

By publishing in JoVE, you can preserve key details of your methods and efficiently train your research team and collaborators. Video enables more effective technique transfer than traditional text articles, accelerating scientific progress and subsequent technique development.

## Reproducibility In Your Research Field

Video enables outstanding experimental transparency. This means that your experiment is more likely to be precisely repeated by other labs and yield similar results, reinforcing your experimental data. Video also enables fellow researchers to minutely explore protocols in ways that are difficult using only text-based instructions.



**“The JoVE video we published has been really helpful for getting a couple of grants in my lab, as well as just for visibility. I’ve had people I didn’t know come up to me at meetings saying that they’ve seen it and have used it in their own lab.”**

—Dr. Delphine Dean,  
Professor of Bioengineering,  
Clemson University, USA

## Publishing with JoVE is a streamlined, 3-step process:

1. Manuscript Preparation and Review
2. Filming and Video Production
3. Publication and Indexing

Any questions? Visit our [Publishing Process](#) page or email us at [submissions@jove.com](mailto:submissions@jove.com).



**“At first, I was intimidated about doing a video. However, the JoVE production team and videographer made it seamless and easy. Scripts did not have to be memorized, but you could easily read them on the teleprompter and the video portion was completed in only a couple of hours. In the three years since we published and produced the video in JoVE, it has been viewed over 11,000 times.”**

—Nikki Noren Hooten,  
Staff Scientist,  
National Institutes of Health, USA

## Boost lab outreach on social media via your JoVE video



Social media is a natural forum to share JoVE peer-reviewed articles. Remember to tag us [@JoVEJournal](#) on Twitter!

## Using JoVE statistics to see the impact of your research

JoVE offers video usage statistics for all JoVE Research and JoVE Science Education videos. You can see how many views the video has gained and click on the ‘USAGE STATISTICS’ button below the navigation panel for more details.



## Save Time, Money And Resources

JoVE videos save time and money on travel and resources often needed to reproduce a complex experiment. After adopting JoVE videos, Valerie Rezek, Lab Manager at UCLA, saved 2,336 work hours, 20% of lab resources, and at least \$5,700 in personnel costs.

## Enable Faster Onboarding And Training Of New Lab Members

The clarity of JoVE videos boosts the success rate of learning new techniques and reduces the time required to complete the training from months to weeks. JoVE videos can also act as a single consistent reference point through many rotations of lab members. Having access to JoVE preserves knowledge in the lab and enables lab members to successfully replicate projects from years past.



**“It took us 2 weeks instead of 1 year to learn a new surgery technique published in JoVE.”**

— Dr. Leonard Khiroug

Principal Investigator at HiLIFE–Neuroscience Center, University of Helsinki, Finland

## Access Higher-Level Experiments

JoVE is continuously expanding its library by publishing more than 1,200 videos per year across multiple disciplines in science, engineering and medicine. JoVE users report that they are better able to learn new techniques outside their area of expertise from JoVE video articles, as compared to traditional text-only articles which don't always capture key details and require expert training.



**“JoVE is revolutionary because the videos with unprecedented details enable scientists to better understand the most recent experimental protocols.”**

— Dr. Liang Zhao

Assistant Professor of Analytical Chemistry Beijing University of Technology, China

## Gain Visibility And Promote Your Career

Having a successful career in science includes many aspects besides scientific discoveries; it is also sharing ideas with colleagues, publishing findings, and on top of all, securing research funding. JoVE has not only helped many scientists boost their productivity and gain visibility in the scientific world but also stand out in a pool of applicants and successfully secure research grants.



**“If you are using a specialized methodology and it's been published in JoVE, I think it would be very helpful to cite that in grants as evidence that one has an established method and it would be useful ... to actually cite that reference”**

— Dr. Abdel-Wahab

Hematologic Oncologist, Memorial Sloan Kettering Cancer Center, USA

## Request a playlist tailored to your training program for faster onboarding of new lab members

The JoVE Customer Success Team is committed to providing customers with everything they need to benefit from their JoVE subscription. Our subject matter experts can map any lab training program to JoVE content.

**Request a playlist**

Additionally, you can browse pre-existing playlists created specifically for research labs [here](#).

## Protect lab members with Lab Safety and Lab Animal Research video collections

- Visual demonstrations of best practices
- Methods compliant with Institutional Animal Care and Use Committee guidelines
- Created and reviewed by veterinarians from prestigious institutions
- Offers self-assessment / ongoing compliance training



From the video — [Proper Personal Protective Equipment](#)