



# JoVE

**Support experiment replication,  
accelerate research and education!**



**Account Manager**

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creates scientific videos  
that make **Teaching,**  
**Learning,** and **Practicing**  
**Science** more efficient,  
effective, and engaging.



# Visualizing > Reading

## TEXT ARTICLE

“Position the metaphase spindle at 3 o’clock and hold it with holding pipette. Apply piezo pulses to penetrate the zona pellucida. Touch the metaphase plate with the enucleation pipette. Aspirate the spindle and withdraw the pipette.”

## REAL LIFE



# An Overview of JoVE

## Video Library

- **25,000+** videos in a growing library
- **1,200+** new videos published per year
- **1,200+** subscribers
- **Million** of users worldwide
- **Continued efforts** to create more content

## Video Features

- **24/7** access worldwide
- **14** languages in translations and voice-overs
- **10,000+** downloadable protocols

# JoVE Collections

## JoVE Research 研究

- **JoVE Journal**  
科學期刊
- **Encyclopedia of Experiment**  
實驗百科

## JoVE Education 教育

- **JoVE Core**  
核心概念
- **JoVE Science Education**  
科學方法與實作教育
- **JoVE Lab Manual**  
實驗手冊

## JoVE Business 商學

- **Marketing**  
市場行銷
- **Microeconomics**  
個體經濟學
- **Finance**  
財務金融

# How to Access JoVE



1

Go to JoVE home page  
[www.jove.com](http://www.jove.com)

Faculty Resource Center

Research

Education

Authors

Librarians

High Schools

About

Sign In

EN

jove

## Accelerate your science research and education

18,000+ videos of laboratory methods and science concepts

Search...

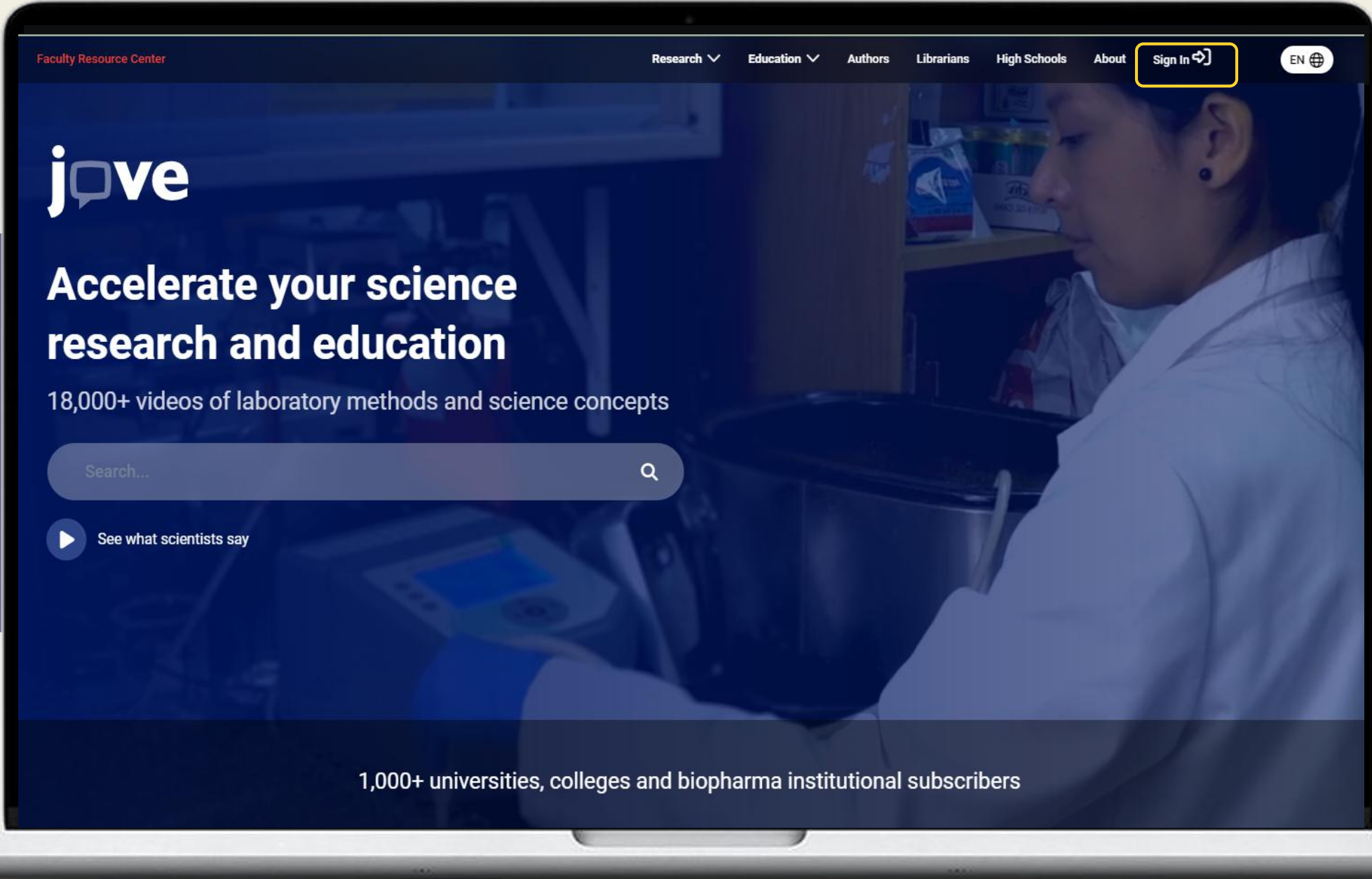


See what scientists say

1,000+ universities, colleges and biopharma institutional subscribers

2

Click on “Sign in”



## Sign In

Enter your details below

Institutional Email\*

Password\*

[Forgot Password?](#)

[Or Create an Account](#)

[Sign In](#)

or

 Sign in as Ashwin  
ashwin.ps@jove.com



[Continue with Single Sign-On \(SSO\)](#)

We use/store this info to ensure you have proper access and that your account is secure. We may use this info to send you notifications about your account, your institutional access, and/or other related products. To learn more about our GDPR policies click [here](#).

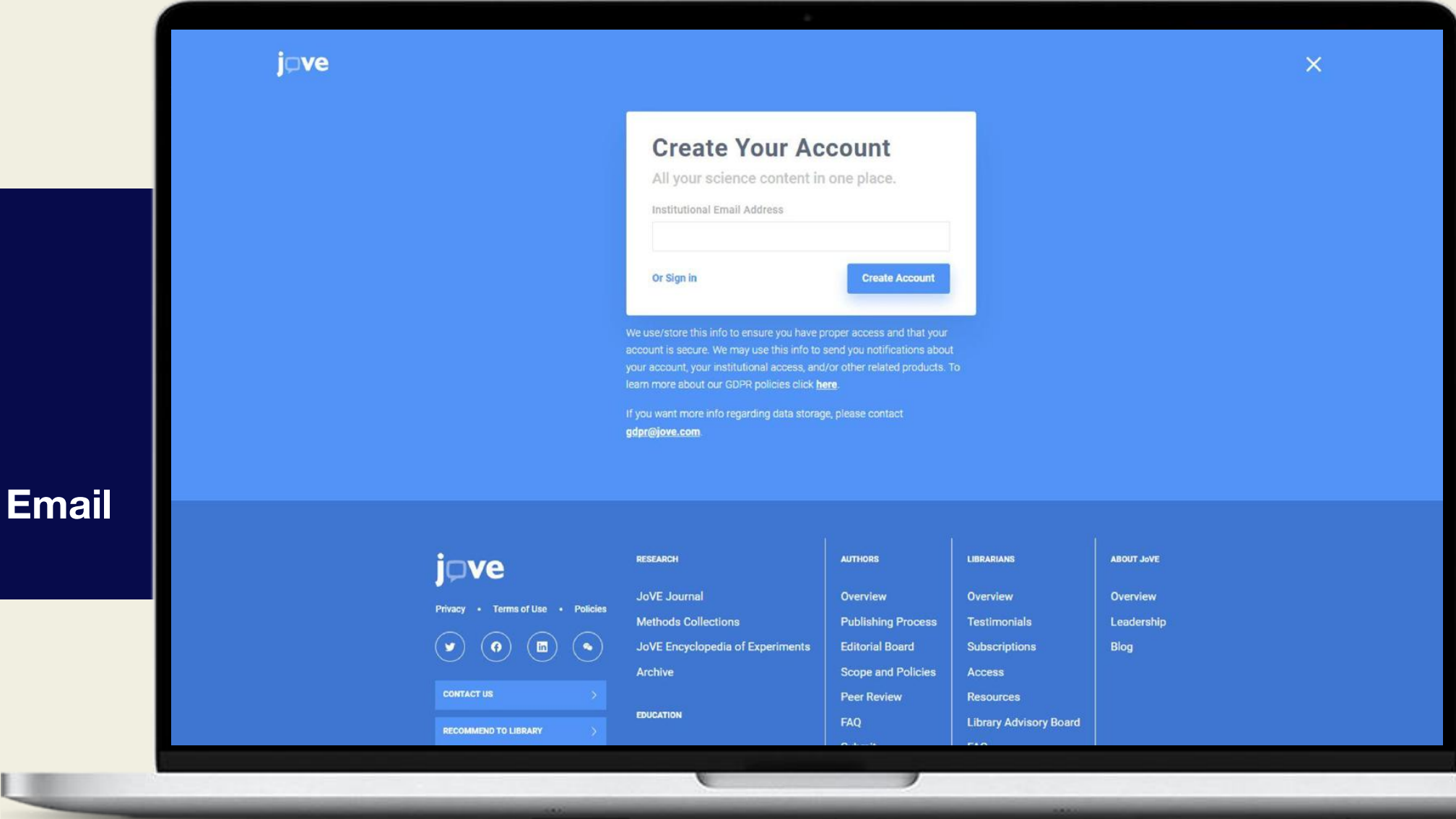
If you want more info regarding data storage, please contact [gdpr@jove.com](mailto:gdpr@jove.com).

3

Select “Create an Account”

4

Enter your Institutional Email Address



5

## Wait for Verification Email



### Almost done!

A verification has been sent to [marita.eleftheriadou2512@gmail.com](mailto:marita.eleftheriadou2512@gmail.com). Please check your email and follow the link to activate your account. If you do not see the message in your inbox please check your Spam folder.

[Waiting for Verification Email?](#)

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#### RESEARCH

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[Methods Collections](#)

[JoVE Encyclopedia of Experiments](#)

[Archive](#)

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## Confirm your Email Address

### Verify your JoVE Account

Thanks for creating your JoVE Account!  
Please confirm your email by clicking on the button below.  
If you have any questions please reply to this email.  
- JoVE Team

Confirm Email Address

[<https://www.jove.com/account/>]

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CONTACT US >

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#### RESEARCH

JoVE Journal

Methods Collections

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Archive

#### EDUCATION

#### AUTHORS

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Enter your Details  
& Click on “Create  
Account”

### Just abit more...

Thanks for your patience!

First Name

Last Name

Password

Confirm Password

Institution

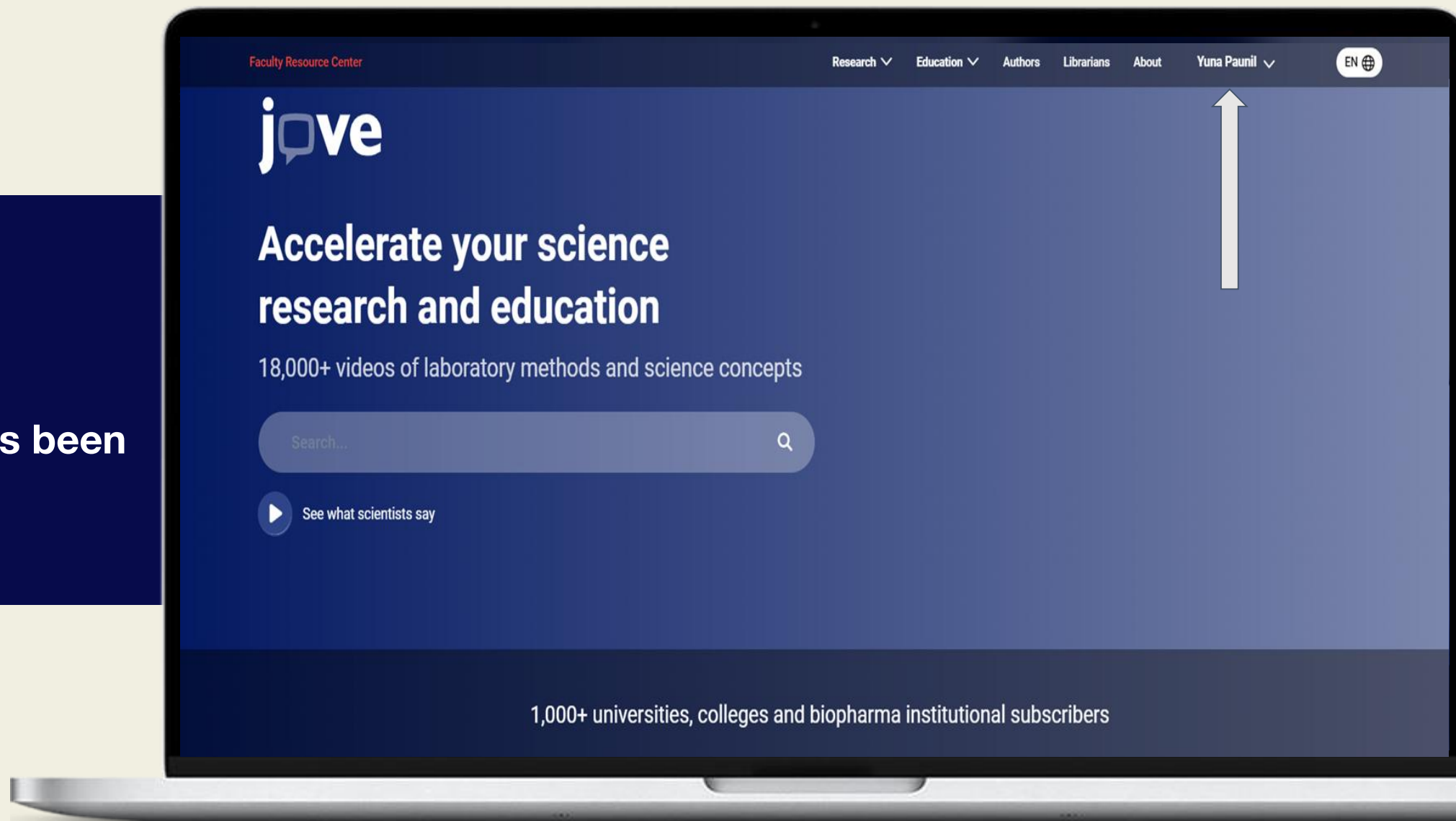
Select a Role

Job Title

Create Account

8

Account has been  
Created



# JoVE Research



Research / Education / Business



# Accelerate your science research and education

25,000+ videos of laboratory methods and science concepts

Search or ask a question



Get help here




Click

## Research Series

- Behavior
- Biochemistry
- Biology
- Bioengineering
- Cancer Research
- Chemistry
- Developmental Biology
- Engineering
- Environment
- Genetics
- Immunology and Infection
- Medicine
- Neuroscience

13 Major Themes

- JoVE Journal
- JoVE Encyclopedia of Experiments **NEW**
- JOVE VISUALIZE **NEW**
-  JoVE Chrome Extension **NEW**

JoVE Journal  
Encyclopedia of Experiment (EOE)

Ask  
JoVE

Get help here

Search directly for topics of interest



Research Education Business

All

Search or ask a question



EN



Home



Videos



Playlists



Quizzes



Favorites



MyClass



Help

Research Videos

RESEARCH

All

Select from either the left menu or the themes on the right

SUBJECTS

All

Behavior

Biochemistry

Bioengineering

Biology

Cancer Research

Chemistry

Developmental Biology

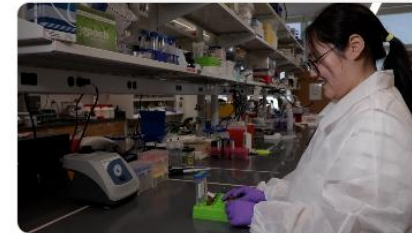
Engineering



JOURNAL  
Behavior



JOURNAL  
Biochemistry



JOURNAL  
Bioengineering



JOURNAL  
Biology



JOURNAL  
Cancer Research



JOURNAL  
Chemistry

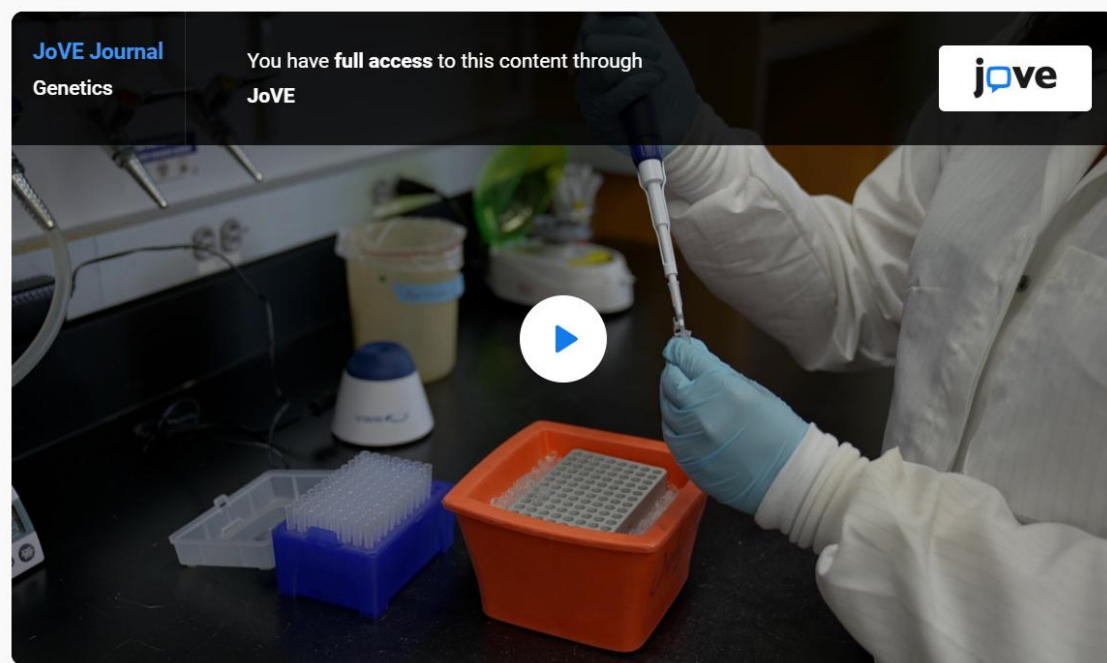


JOURNAL  
Genetics

Click

The screenshot shows the Jove website interface. At the top, there are navigation tabs for 'Research', 'Education', and 'Business', along with a search bar and language settings. A left sidebar contains navigation options like 'Home', 'Videos', 'Playlists', 'Quizzes', 'Favorites', 'MyClass', and 'Help'. A 'Filters' panel is open, showing options to 'Show Articles' and 'With video'. The 'Date' filter is highlighted with a yellow box and a 'Click' callout, showing a date range from 2005 to 2025. The main content area displays three search results, each with a video thumbnail, title, view count, year, and author information. A yellow box highlights the first two results, and a 'Click' callout points to the third result. At the bottom, it says 'Showing results 1-10 of 440 for Journal Genetics' with a pagination control.

Use filters to speed up your search



## CRISPR Epigenome Editing in Human Cells using Plasmid DNA Transfection and mRNA Nucleofection Delivery

Full Text ▾ Cite 🔖 English ▾ <> ↻ ⋮

### Chapters in this video

- 0:00 Introduction
- 1:02 Nucleofection of Epigenome Editor mRNA into K-562 Cells
- 3:33 Data Analysis
- 6:33 Results

### Related Videos

- A Standard Methodology to Examine On-site...  
8.0K Views
- Establishment of Genome-edited Human Pluripotent...  
10.7K Views

Organized by journal format for quick access to your preferred content.

Related journal videos are also listed below

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Cite and add to your Favorites

Multi-language support

Share videos using URL

Add to playlist for easy reference anytime

# JoVE Education



Click

The screenshot shows the top navigation bar of the JoVE website. The 'Education' menu item is highlighted with a yellow box and a yellow arrow pointing to a dropdown menu. The dropdown menu lists 13 items, with the first 9 grouped under the heading '9 Major Themes' and the last 4 grouped under 'JoVE Core'. A search bar is visible at the bottom of the page.

Research ▾ Education ▾ Business ▾ Authors Solutions ▾ Contact Us

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**Education Series**

- Biology
- Chemistry
- Clinical
- Engineering
- Environmental Sciences
- Pharmacology
- Physics
- Psychology
- Statistics

**9 Major Themes**

- JoVE Core
- JoVE Science Education
- JoVE Lab Manual
- JoVE Quiz
- Faculty Resource Center

**JoVE Core**

**JoVE Science Education**

**JoVE Lab Manual**

Search or ask a question

Search directly for topics of interest

The screenshot shows the JoVE Science Education website. At the top, there is a navigation bar with 'Research', 'Education', and 'Business' dropdown menus, a search bar containing 'Search or ask a question', and a language selector set to 'EN'. On the left, a vertical sidebar menu lists various subjects: Home, Videos, Playlists, Quizzes, Favorites, MyClass, and Help. Below the sidebar, the 'Education Videos' section is titled 'Science Education' and includes a descriptive paragraph: 'A video library dedicated to teaching the practice and theory of scientific experiments through engaging and easy-to-understand visual demonstrations.' A grid of six video thumbnails is displayed, each with a title and the text 'SCIENCE EDUCATION' above it. The thumbnails are: 1. A petri dish with blue-stained cells, titled 'Basic Biology'. 2. Microscopic cells, titled 'Advanced Biology'. 3. A person looking through a microscope, titled 'Clinical Skills'. 4. A hand in a blue glove holding a pipette tip, titled 'Basic Biology'. 5. A sea turtle swimming underwater, titled 'Advanced Biology'. 6. A petri dish with a yellow substance, titled 'Clinical Skills'. Annotations include a yellow box around the search bar, a yellow box around the left sidebar menu, and a yellow box around the grid of video thumbnails. A yellow line connects the search bar to the 'Search directly for topics of interest' text. Another yellow line connects the left sidebar menu to the 'Select from either the left menu or the themes on the right' text. A third yellow line connects the grid of video thumbnails to the same text.

Research ▾ Education ▾ Business ▾ All ▾ Search or ask a question 🔍 EN

## Education Videos

### Science Education

A video library dedicated to teaching the practice and theory of scientific experiments through engaging and easy-to-understand visual demonstrations.

**SCIENCE EDUCATION**  
**Basic Biology**

**SCIENCE EDUCATION**  
**Advanced Biology**

**SCIENCE EDUCATION**  
**Clinical Skills**

**SCIENCE EDUCATION**

**SCIENCE EDUCATION**

**SCIENCE EDUCATION**

Select from either the left menu or the themes on the right



SCIENCE EDUCATION  
Basic Biology

Click


The screenshot shows the Jove website interface. At the top, there are navigation tabs for 'Research', 'Education', and 'Business', along with a search bar. A yellow box highlights the left-hand navigation menu, which includes 'Home', 'Videos', 'Playlists', 'Quizzes', 'Favorites', 'MyClass', and 'Help'. The 'Videos' section is expanded, showing a list of content under 'SCIENCE EDUCATION Basic Biology': 'General Laboratory Techniques', 'Basic Methods in Cellular and Molecular Biology', 'Biology I: yeast, *Drosophila* and *C. elegans*' (highlighted in blue), 'Biology II: Mouse, Zebrafish, and Chick', 'Lab Animal Research', and 'Lab Safety'. The main content area displays a list of videos under the breadcrumb 'Education > Science Education > Basic Biology > Biology I: yeast, *Drosophila*...'. The first video is 'An Introduction to *Saccharomyces cerevisiae*' (10:48, 234.0k views), the second is 'An Introduction to *Drosophila melanogaster*' (09:16, 185.8k views), and the third is 'An Introduction to *Caenorhabditis elegans*' (09:13, 109.2k views). A yellow box highlights the video list, and a yellow circle with the text 'Click' points to the first video.

Click

JoVE Science Education > Basic Biology > Biology I: yeast, Drosophila and C. elegans... > An Introduction to Sacch...

JoVE Science Education  
Biology I: yeast, Drosophila and C. elegans

You have full access to this content through JoVE



An Introduction to *Saccharomyces cerevisiae*

Embed Video Add to Playlist Create Quiz

EN

Skip to...

- 0:00 Overview
- 0:45 Introduction to *Saccharomyces cerevisiae*
- 2:50 Why use this Organism?
- 4:47 Important Discoveries
- 8:16 Applications
- 10:21 Summary

Videos from this collection:

Now Playing An Introduction to *Saccharomyces cerevisiae*  
Biology I: yeast, Drosophila and C. elegans

Navigate seamlessly from theory to application

Related journal videos are also listed below

Add to your Favorites

\*Online Quiz Tool

Add to playlist for easy reference anytime

Share videos using URL

Multi-language support

# WE WANT YOUR FEEDBACK

SCAN ME



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