



國立成功大學
National Cheng Kung University

JoVE

協助再現實驗，加速研究與教學！



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jove

打造科學影片，
讓**教學**、**學習**和**科學實作**
更有效率、更有成效，也更生動有趣！



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+** 部影片，持續擴增中
- 每年發表 **1,200+** 部新影片
- 擁有 **1,200+** 訂閱機構
- 全球**數百萬**使用者
- **持續努力** 製作更多內容

Video Features

- **全年無休 24/7** 全球可用
- **14 種語言** 翻譯與配音
- 超過 **10,000+** 可下載的
實驗操作流程

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

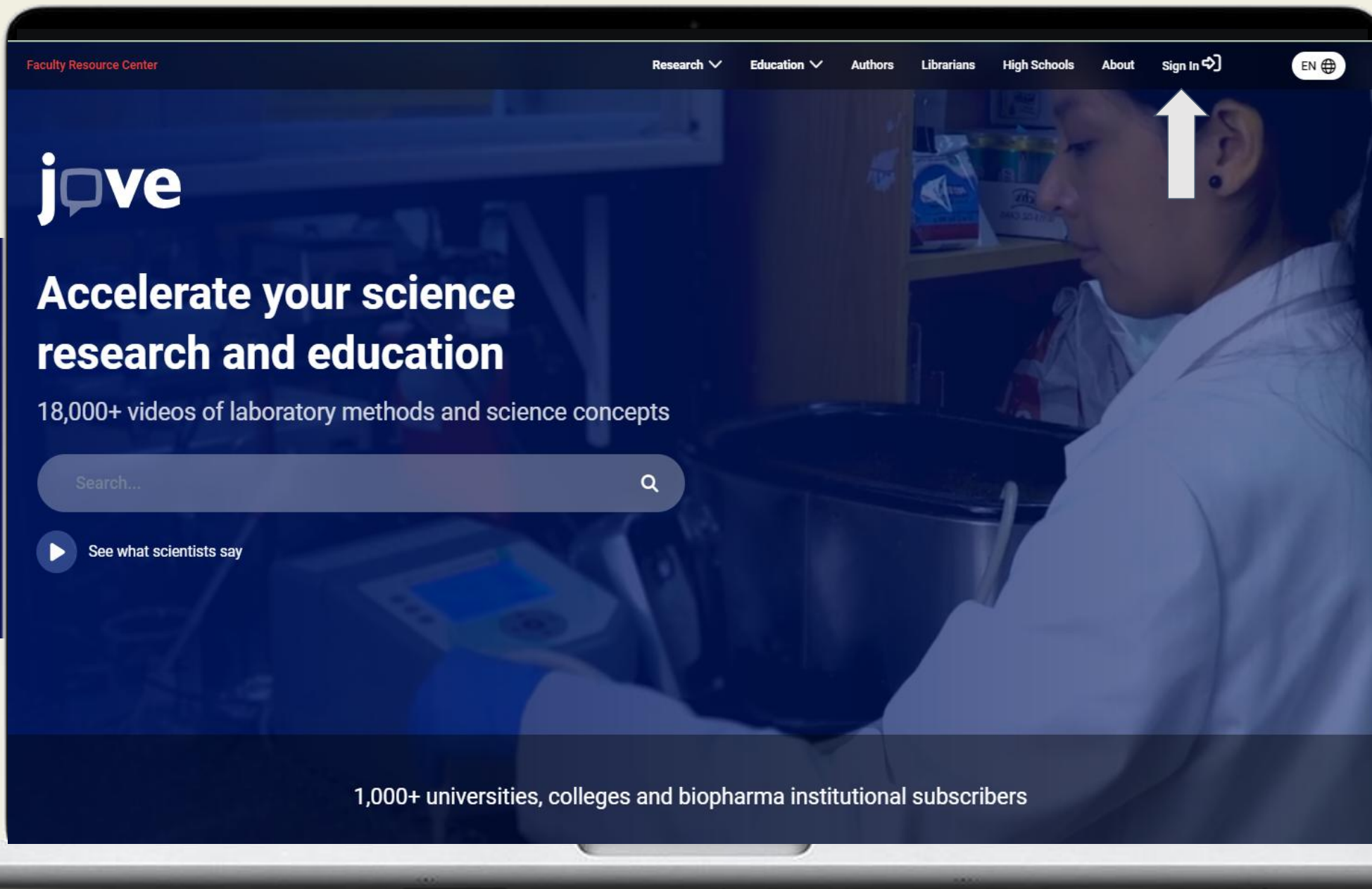
How to Access JoVE

如何註冊帳號與登入



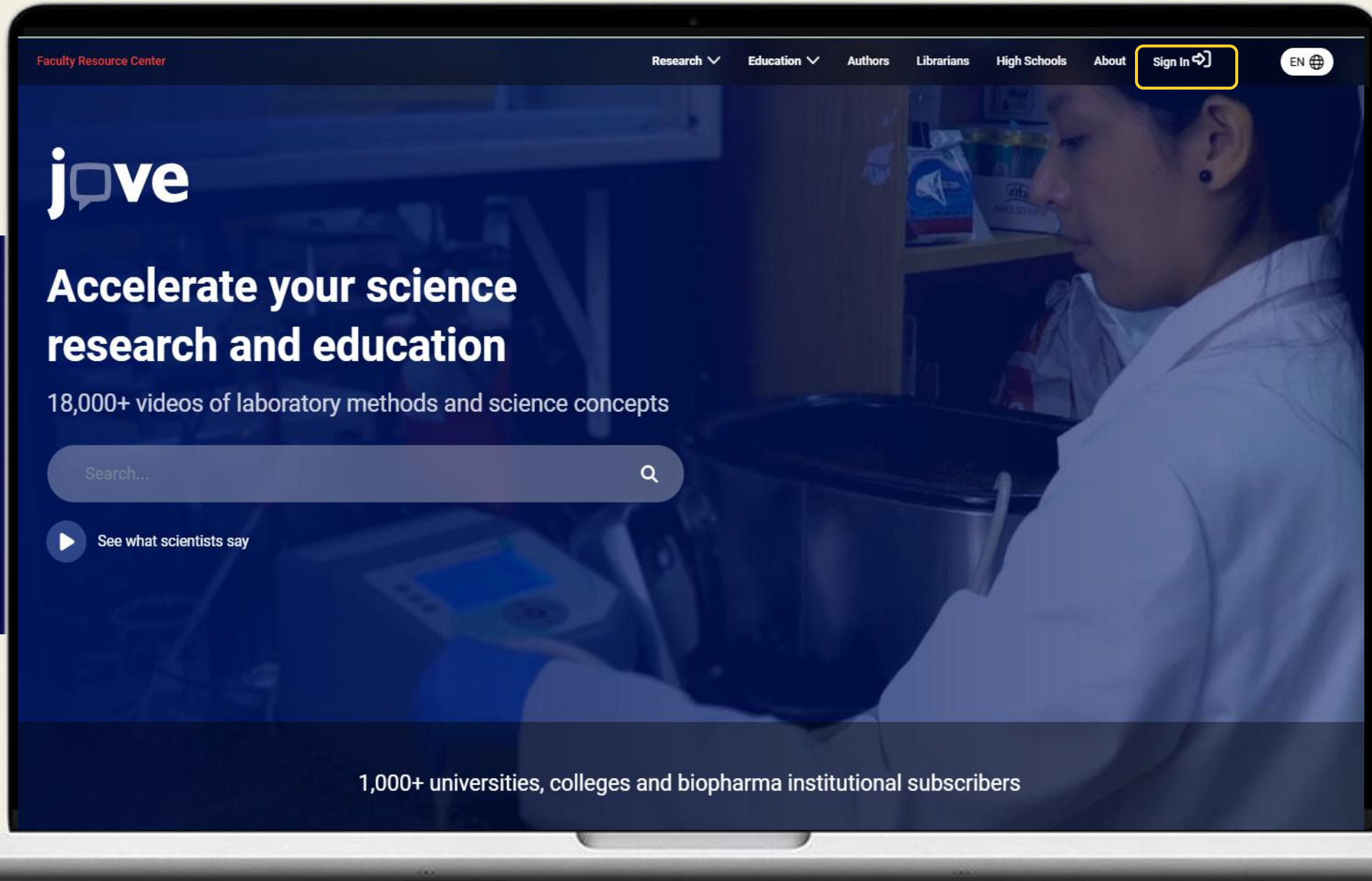
1

前往 JoVE 首頁
www.jove.com



2

請點選“Sign in”
「登入」



jove



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](#).

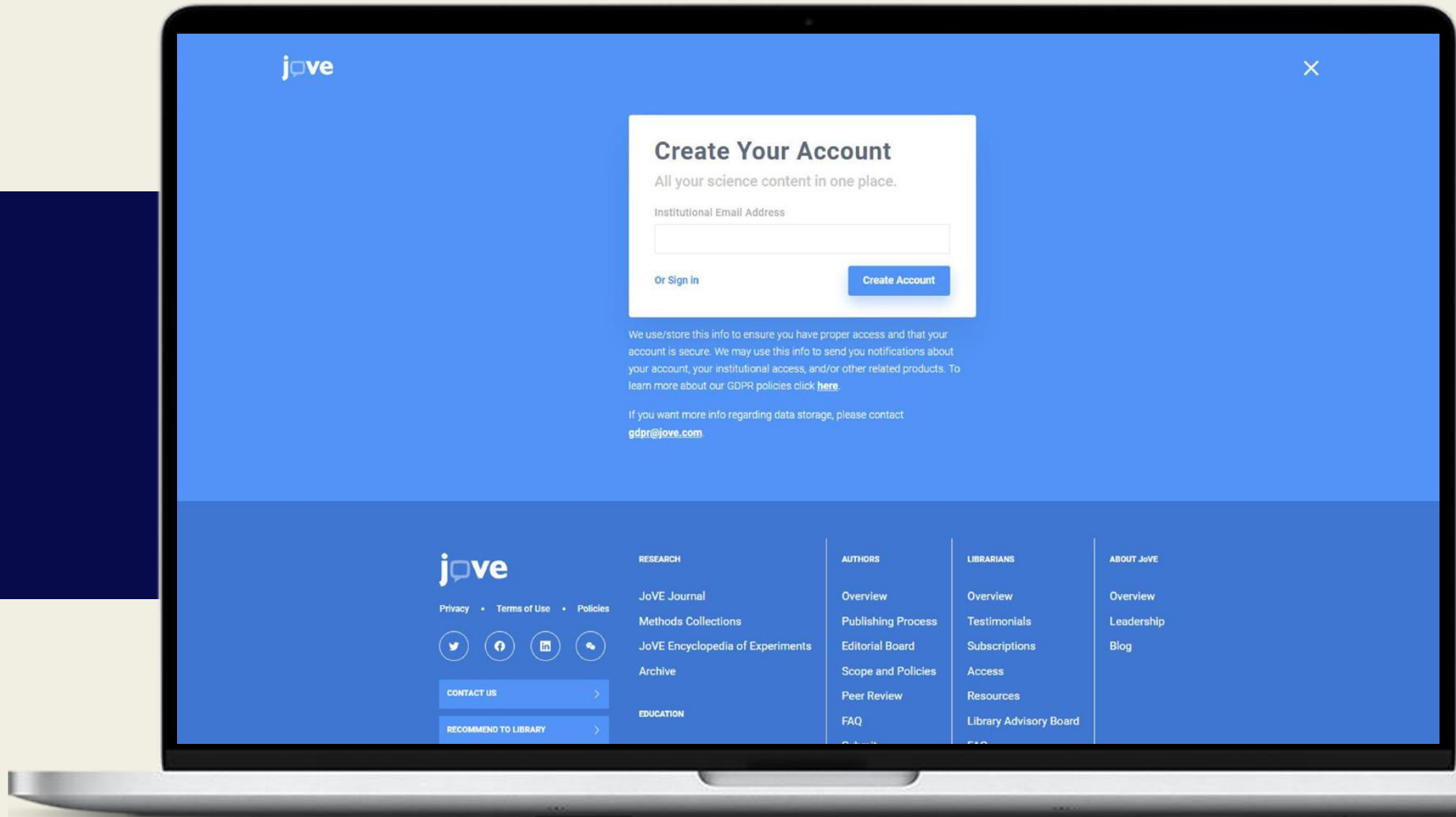
If you want more info regarding data storage, please contact gdpr@jove.com.

3

請點選
“Create an Account”
「建立帳號」

4

輸入email



5

等待確認信件 Verification email



Almost done!

A verification has been sent to 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?](#)

jove

[Privacy](#) • [Terms of Use](#) • [Policies](#)



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[RECOMMEND TO LIBRARY](#) >

RESEARCH

[JoVE Journal](#)

[Methods Collections](#)

[JoVE Encyclopedia of Experiments](#)

[Archive](#)

EDUCATION

AUTHORS

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[Scope and Policies](#)

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[FAQ](#)

LIBRARIANS

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[Subscriptions](#)

[Access](#)

[Resources](#)

[Library Advisory Board](#)

ABOUT JoVE

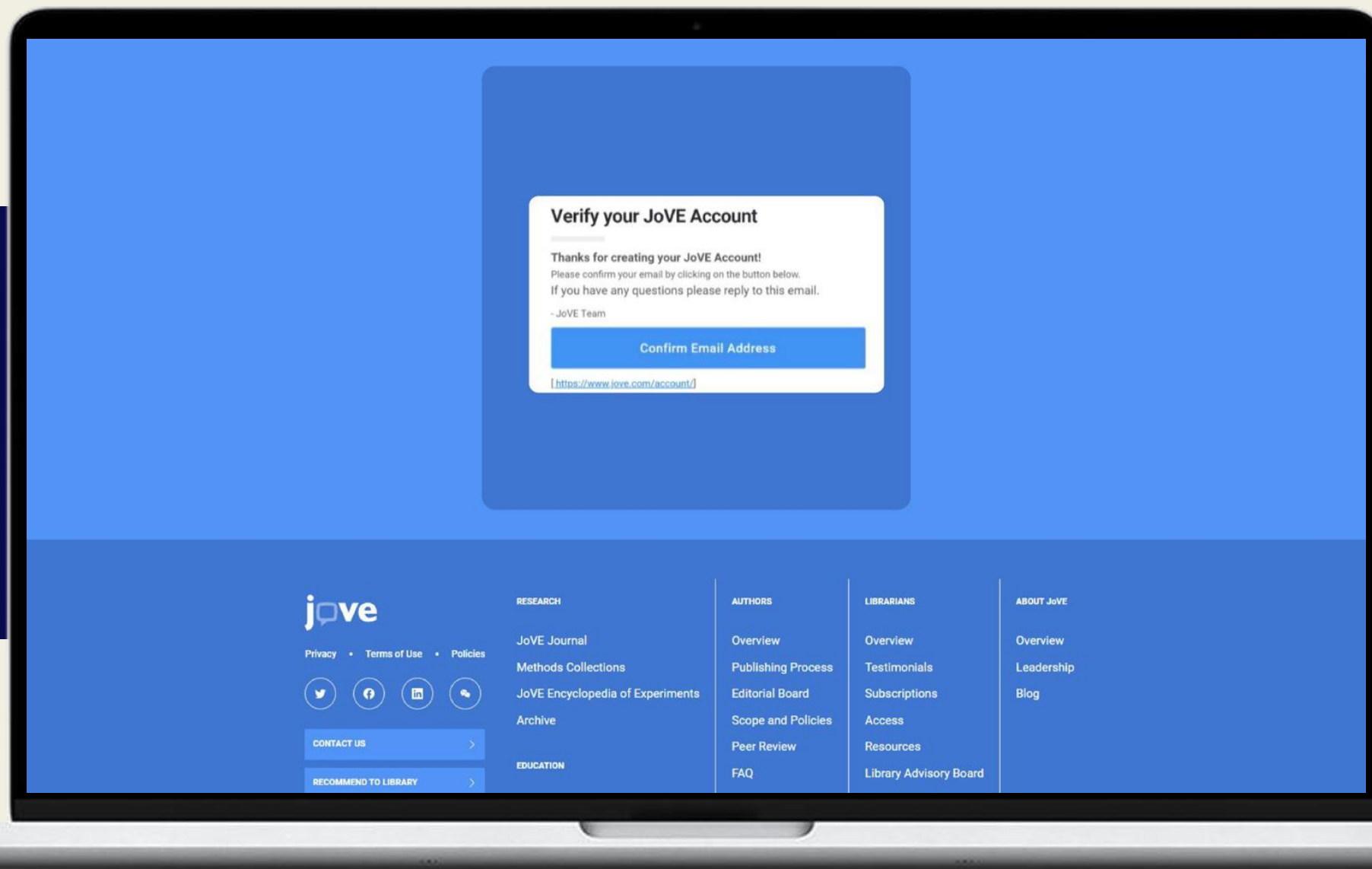
[Overview](#)

[Leadership](#)

[Blog](#)

6

確認email 網址
"Confirm"



7

輸入基本資料
完成後點選
“Create Account”

Just abit more...

Thanks for your patience!

First Name

Last Name

Password

Confirm Password

Institution

Select a Role

Select a Role

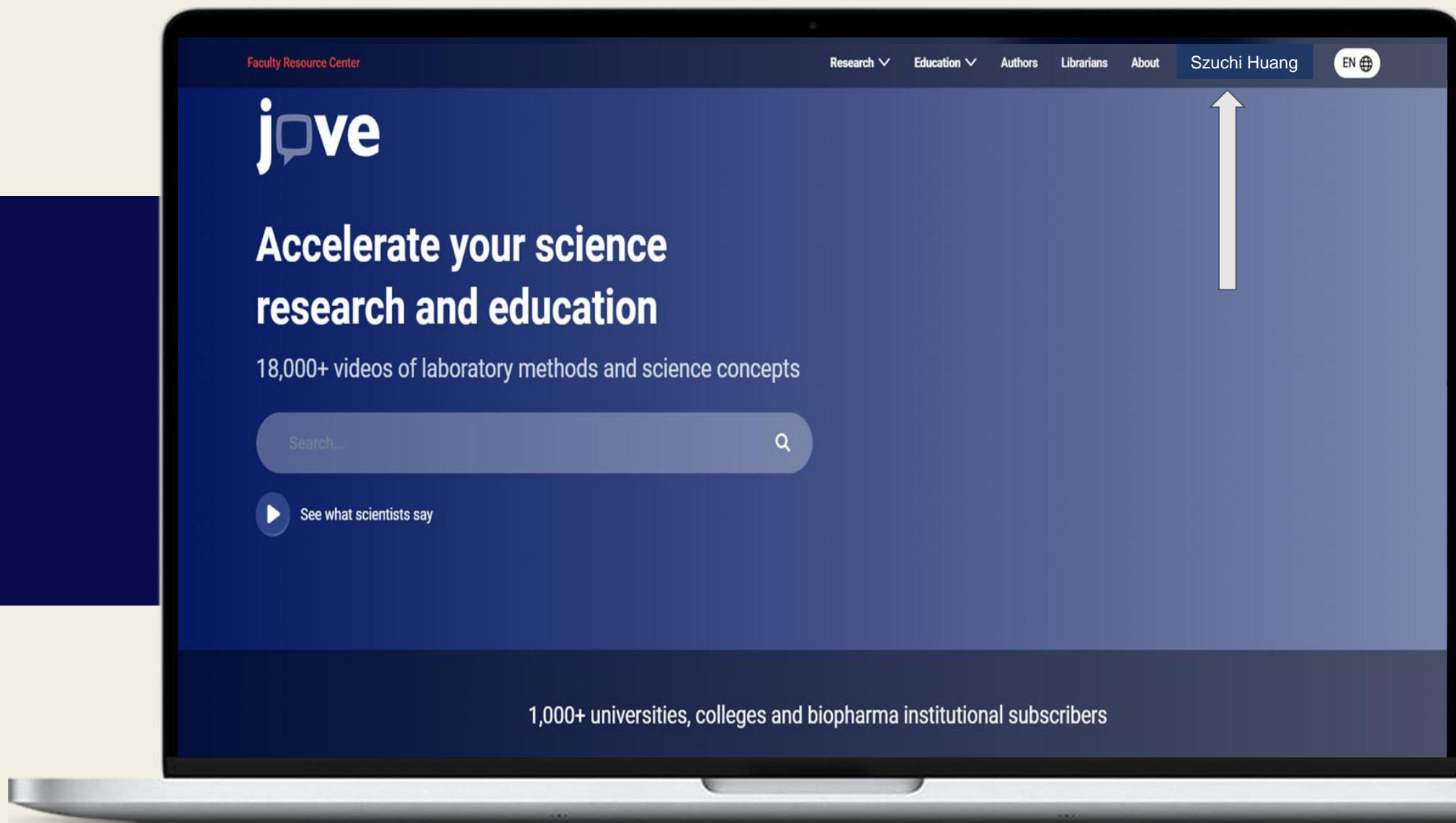


Job Title

Create Account

8

帳號建立
完成!



JoVE Research





網頁左上方列出精選資源

Research 研究系列/ Education 教育系列/ Business 商學系列

Accelerate your science research and education

25,000+ videos of laboratory methods and science
concepts

Search or ask a question



Get help here



點開

Research ▾ Education ▾ Business ▾ Authors Solutions ▾ Contact Us

EN 

Sign In 

Start Free Trial

Research 研究系列 下拉選單


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

涵蓋 13 大主題

JoVE Journal

JoVE Encyclopedia of Experiments **NEW**

JOVE VISUALIZE **NEW**

 JoVE Chrome Extension **NEW**

JoVE Journal 科學期刊

Encyclopedia of Experiment (EOE) 實驗百科全書

Ask
JoVE


Get help here

jove

Research 研究系列 下拉選單

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

點開

- JoVE Journal
- JoVE Encyclopedia of Experiments **NEW**
- JoVE Visualize **NEW**
-  JoVE Chrome Extension **NEW**

JoVE Journal 科學期刊 為例

Ask JoVE 

Get help here

或是於搜尋欄位,直接搜尋有興趣的主題

The screenshot displays the JoVE website interface. At the top, there is a navigation bar with 'Research', 'Education', and 'Business' dropdown menus, a search bar with the placeholder text 'Search or ask a question', and a language selector set to 'EN'. Below the navigation bar is a sidebar with icons for Home, Videos, Playlists, Quizzes, Favorites, MyClass, and Help. The main content area is divided into 'RESEARCH' and 'SUBJECTS' sections. The 'RESEARCH' section shows a grid of video thumbnails with titles like 'Behavior', 'Biochemistry', 'Bioengineering', 'Biology', 'Cancer Research', and 'Chemistry'. The 'SUBJECTS' section on the left lists these same categories. A yellow box highlights the search bar and the 'All' subject option. A callout box points to the 'All' subject option and the video thumbnails, stating that both can be used to explore interesting topics.

Home

Research Videos

RESEARCH

All

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

左方選單和右方主題列, 均可點選進入有興趣的主題



JOURNAL
Genetics

期刊影片化, Peer-reviewed · 並收錄於
PubMed 與 Web of Science 中的內容,
讓科學實驗更容易理解與再現

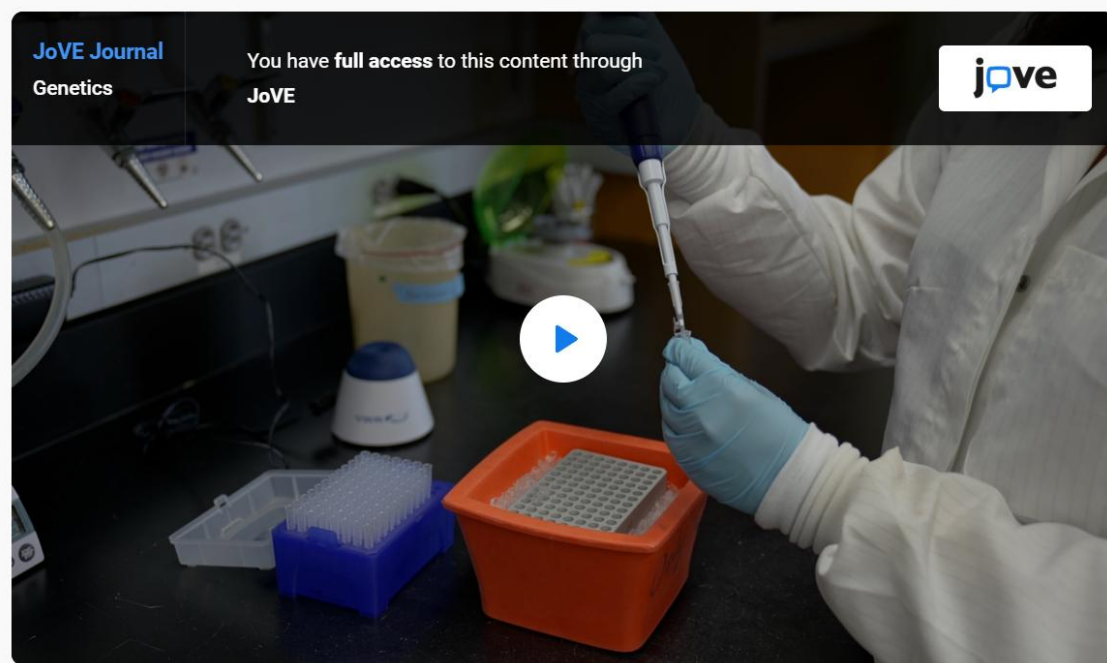
點開

右方可滑動搜尋有興趣的期刊

The screenshot shows the Jove website interface. On the left is a navigation sidebar with options like Home, Videos, Playlists, Quizzes, Favorites, MyClass, and Help. The main content area is divided into a left sidebar for filters and a right section for search results. The filters sidebar includes a 'Filters' section with a 'Reset all filters' button, a 'Show Articles' toggle, and three filter categories: 'Date' (with a range from 2005 to 2025), 'Author' (with a search input), and 'Institution' (with a search input). The search results section displays three items, each with a video thumbnail, title, view count, year, and author information. The first item is 'Video coming soon' with 269 views. The second is 'Dual CRISPR-Interference Strategy for Targeting Synthetic Lethal Interactions...' with 646 views. The third is 'CRISPR Epigenome Editing in Human Cells using Plasmid DNA Transfection a...' with 1.5K views. Each result has 'Cite', 'PDF', and 'Bookmark' buttons. At the bottom, it says 'Showing results 1-10 of 440 for Journal Genetics' with a pagination control showing page 1 of 44.

點開

左方選單可依日期, 作者, 機構 設定欲搜尋的期刊



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

Full Text 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...
10:07 8.0K Views
- Establishment of Genome-edited Human Pluripotent...
10:07 8.0K Views

按期刊格式排列，可快速點選欲瀏覽內容

相關期刊影片也會列出於下方

- Download PDF
- Download Materials List

期刊PDF 以及材料列表 可直接下載

可引用以及加到我的最愛清單

多種語言可切換

影片可置入學習系統LMS亦或提供連結分享

也可加到播放清單,作為隨時參閱的資料庫

JoVE Education



點開

Education 教育系列 下拉選單

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

涵蓋 9 大主題

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

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

Search or ask a question



Education 教育系列 下拉選單

- Biology
- Chemistry
- Clinical
- Engineering
- Environmental Sciences
- Pharmacology
- Physics
- Psychology
- Statistics
- JoVE Core
- JoVE Science Education**
- JoVE Lab Manual
- JoVE Quiz
- Faculty Resource Center

點開

JoVE Science Education 科學方法與實作教育 為例

Search or ask a question

或是於搜尋欄位,直接搜尋有興趣的主題

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 with the placeholder 'Search or ask a question', and a language selector 'EN'. On the left side, there is a vertical sidebar menu with icons and labels for 'Home', 'Videos', 'Playlists', 'Quizzes', 'Favorites', 'MyClass', and 'Help'. The main content area is titled 'Science Education' and includes a subtitle: 'A video library dedicated to teaching the practice and theory of scientific experiments through engaging and easy-to-understand visual demonstrations.' Below this, there is a grid of six video thumbnails. The first row contains 'Basic Biology' (microscope slide), 'Advanced Biology' (microscopic cells), and 'Clinical Skills' (person at microscope). The second row contains three thumbnails with the title 'SCIENCE EDUCATION' and no specific subject name. A yellow box highlights the 'Biology' subject in the left sidebar and the first three thumbnails in the grid. Another yellow box highlights the search bar at the top. A third yellow box highlights the 'Science Education' title and subtitle.

Education Videos

Home

Research Education Business

All Search or ask a question EN

Home

Videos

Playlists

Quizzes

Favorites

MyClass

Help

Education Videos

SUBJECTS

All

Biology

Chemistry

Clinical

Engineering

Environmental Sciences

Pharmacology

Physics

Psychology

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

左方選單和右方主題列, 均可點選進入有興趣的主題



SCIENCE EDUCATION
Basic Biology

點開

右方可滑動搜尋有興趣的實驗操作影片

The screenshot shows the Jove website interface. On the left is a navigation menu with icons for Home, Videos, Playlists, Quizzes, Favorites, MyClass, and Help. The main content area is titled 'SCIENCE EDUCATION Basic Biology' and lists several video categories: 'General Laboratory Techniques', 'Basic Methods in Cellular and Molecular Biology', 'Biology I: yeast, *Drosophila* and *C. elegans*' (highlighted), 'Biology II: Mouse, Zebrafish, and Chick', 'Lab Animal Research', and 'Lab Safety'. On the right, a list of video thumbnails is displayed, each with a title, a small image, a duration, and a view count. 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 fourth video, 'Yeast Maintenance', is partially visible at the bottom.

點開

左方選單有關,一般實驗室常用儀器或技術的指導影片,生物安全相關,又或者模式生物操作等

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

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:

- An Introduction to Saccharomyces cerevisiae
Biology I: yeast, Drosophila and C. elegans

Embed Video Add to Playlist Create Quiz EN

從簡介,理論 帶到應用層面
可快速點選欲瀏覽內容

這系列相關影片也會
列出於下方

可加到我的最愛清單

提供影片連結分享

多種語言可切換

也可加到播放清單,作為隨時參閱的資料庫

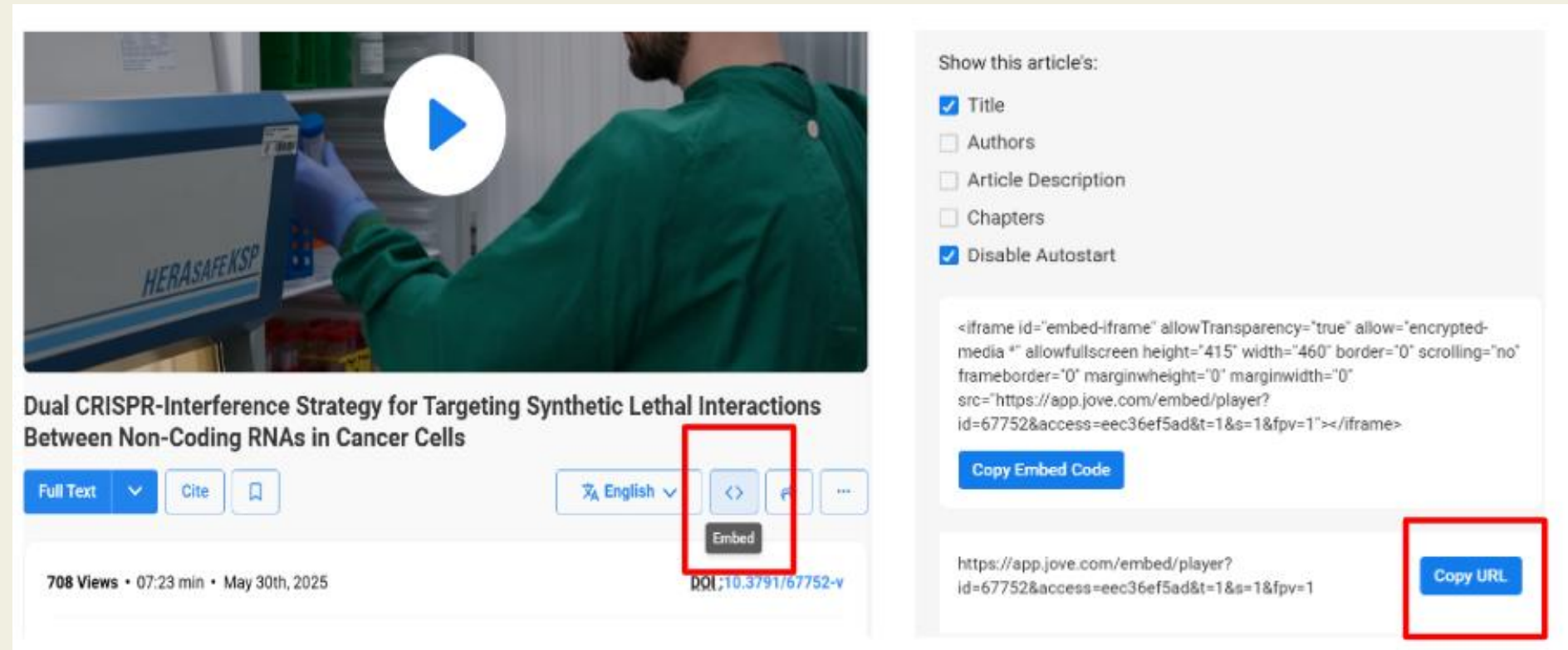
*可創建考試題庫

影片可置入學習系統LMS亦或提供連結分享

**Embed Video:
鑲嵌JoVE影片，一秒開啟播放!**



登入 JoVE 帳號後，只須在欲選用的影片，點選 **Embed video** 按鈕，copy URL 即可以超連結方式分享給學生參考，例如鑲嵌於PPT、PDF或教學系統。



The screenshot displays the JoVE video player interface for the article "Dual CRISPR-Interference Strategy for Targeting Synthetic Lethal Interactions Between Non-Coding RNAs in Cancer Cells". The video player shows a person in a green lab coat working with a blue HERASAFEKSP biosafety cabinet. A large play button is overlaid on the video. Below the video, the article title is displayed, along with buttons for "Full Text", "Cite", and "Bookmark". A language dropdown menu is set to "English". The "Embed" button is highlighted with a red box. Below the video player, the video statistics are shown: "708 Views • 07:23 min • May 30th, 2025". The video ID is "DOI:10.3791/67752-v".

On the right side of the interface, there is a section titled "Show this article's:" with the following options:

- Title
- Authors
- Article Description
- Chapters
- Disable Autostart

Below these options, there is a code block containing the embed code:

```
<iframe id="embed-iframe" allowTransparency="true" allow="encrypted-media *" allowfullscreen height="415" width="460" border="0" scrolling="no" frameborder="0" marginheight="0" marginwidth="0" src="https://app.jove.com/embed/player?id=67752&access=eec36ef5ad&t=1&s=1&fpv=1"></iframe>
```

A "Copy Embed Code" button is located below the code block. At the bottom of the interface, the URL "https://app.jove.com/embed/player?id=67752&access=eec36ef5ad&t=1&s=1&fpv=1" is displayed, and a "Copy URL" button is highlighted with a red box.

JoVE Quiz:
搭配線上測驗，輕鬆翻轉教學!

jove

JoVE線上測驗系統，內建題庫且可自製考題，搭配JoVE影片供學生遠端自學，並且可以記錄學習成效，輕鬆翻轉教學。

1 Video | 8 Questions

+ Add Question | Choose from our quiz library

Undo | Redo

Characteristics of Life

Characteristics of Life

1. Organisms can reproduce to create offsp...
2. The ___ provides special instructions for...
3. The cardiovascular system controls
4. All living organisms share a few key char...
5. Which adaptations are common in desert...
6. Which of the following is an example of a...
7. Which energy transformation occurs in o...
8. What is involved in the regulation of inter...

+ Add Question

1. Single Correct Answer

Single Correct Answer

Organisms can reproduce to create offspring forming

Add Image

Options

- Species
- Population
- Organs
- Animals

JoVE 是一個科學影片平台

Video Library


- **25,000+** 部影片，持續擴增中
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- 全球**數百萬**使用者
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Video Features

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- **14 種語言** 翻譯與配音
- 超過 **10,000+** 可下載的
實驗操作流程

兩個輔助創新教學的工具

1.1 : Characteristics of Life




Video Quiz 

English

1.00

Biology
Scientific study of life

00:01 01:23 1x

 **Embed Video** Add to Playlist   >

適用於三個時機

課前

課中

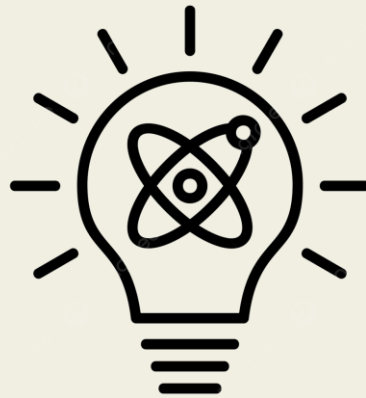
課後

有N種創新的可能

JoVE 希望能輔助成功大學



加速研究



創新教學



節省資源

WE WANT YOUR FEEDBACK

歡迎於JoVE回饋系統
留下任何故事、建議與指教！

SCAN ME



客戶經理

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