



JoVE 이용자가이드

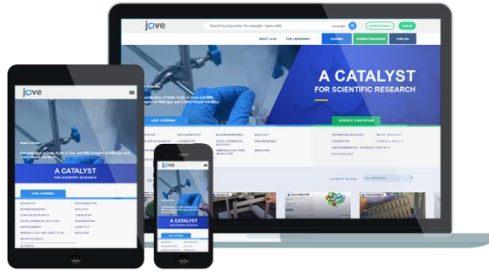


Learn more at [JoVE.com](https://www.jove.com) 

JoVE 소개

JoVE 출판사 소개

Journal of Visualized Experiments (JoVE)



- 최초로 Peer-Reviewed된 **비디오 저널**을 발행하는 출판사
- **생명과학, 의학, 화학 및 물리학, 환경과학, 발달생물학, 암연구, 유전학** 등 각 분야의 각종 실험 및 연구방법, 교육내용을 비디오를 제작하여 제공
- 연구자 및 학생들에게 동영상으로 실험 및 연구방법에 대한 내용을
제공하여 연구 시간 단축 및 연구비용 절약에 도움을 주고 있음

JoVE 콘텐츠 소개 - Journal(Research)



JoVE Journal

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

JoVE Encyclopedia of Experiments

- Biology, Cancer Research, Biological, Immunology, Neuroscience

- Biology 포함 총 13개 주제의 섹션과 생물학 연구 실험에 대한 세계 최초의 온라인 비디오 백과 사전으로 구성
- PubMed, Medline, ChemAbstracts, SciFinder, Web of Science 및 Scopus에 색인됨
- Nature, Cell, PNAS, PLoS 등 많은 과학 저널에 인용
- 2024년 Impact Factor: 1.2, Peer-reviewed 저널
- 대학원생 이상 Advanced Researcher의 연구 및 Teaching을 목적으로 제작
- 실험 및 연구방법에 대한 요약, 초록, 실험 계획안, 실험 결과, 실험 도구 목록, 참고문헌 등을 HTML 및 PDF 형식으로 제공

JoVE 콘텐츠 소개- Science Education



JoVE Science Education

- Basic Biology
- Physics
- Advanced Biology
- Engineering
- Chemistry
- Clinical Skills
- Environmental Sciences
- Psychology

JoVE Lab Manual

- Biology
- Chemistry

JoVE Core

- Biology
- Social Psychology
- Chemistry
- Molecular Biology
- Statistics
- Cell Biology
- Organic Chemistry
- Anatomy & Physiology
- Electrical Engineering
- Mechanical Engineering
- Pharmacology
- Nursing
- Marketing
- Microeconomics
- Finance

- **JoVE Science Education** : 8 개의 STEM 분야 관련 이해하기 쉬운 간단한 비디오 모음
- **JoVE Core**: 실제 대학강의 커리큘럼에 맞춘 비디오 교재로, 생물학, 사회 심리학, 화학 분야의 '핵심 개념'들을 효과적으로 설명
- **Lab Manual**: 입문 생물학, 화학 실험실 과정을 위한 종합적인 커리큘럼 중심 비디오
- 한국어, 영어, 중국어 등 13개 언어의 자막 지원 → 학부 및 대학원생 수업 자료로 활용 가능

JoVE 콘텐츠 접속 방법

교외 접속 방법



도서관 홈페이지 접속 후 교내 이용자 로그인 →
도서관 홈페이지에서 JoVE 검색 또는 브라우징하여 JoVE 홈페이지 접속



이용자 별 JoVE 개인 계정으로 로그인 (개인 계정생성 방법 본 매뉴얼 p. 8-9 참고)
기관 이메일 도메인을 이용해 기관 이용자들이 JoVE 개인 ID/PW를 등록해서 이용

기관 이메일 도메인을 통한 기관 인증은 출판사 시스템에 등록된 기관 이메일 도메인과 기관 이용자들이 생성한 JoVE 개인 ID 이메일 도메인이 일치하면 자동으로 기관 인증이 되어 기관 이용자들이 관외에서도 서비스를 이용할 수 있습니다.

※ 기관 이메일 도메인만 가능, Gmail, Naver 등 개인 메일은 기관 이용자로 인증 안됨

JoVE 홈페이지 이용 방법

JoVE 메인 페이지

The image shows the JoVE website homepage with several annotations in yellow, green, and blue boxes. The main header features the JoVE logo, a 'Products' dropdown menu, and a 'Sign In' button. The main content area has a large title 'Video Platform for Research and Education' and a search bar. A sidebar on the right lists various categories under 'RESEARCH' and 'EDUCATION'. The footer contains links for 'Publish with JoVE', 'Teach with JoVE', and 'Subscribe'.

Annotations:

- Yellow box:** JoVE Research & Education 주제별 접근 가능 (Access by topic for JoVE Research & Education)
- Green box:** JoVE 계정 생성 상세내용은 다음 페이지 참고 (Refer to the next page for details on JoVE account creation)
- Blue box:** 키워드 검색 (Keyword search)

Website Content:

Header: jove, Products, EN, Sign In, Start Free Trial

Main Title: Video Platform for Research and Education

Text: 30,000+ videos of lab methods and science concepts, Trusted by 1,800+ universities and companies worldwide

Search Bar: What do you want to learn?

RESEARCH Categories: JoVE Journal, Behavior, Biochemistry, Bioengineering, Biology, Cancer Research, Chemistry, Developmental Biology, JoVE Encyclopedia of Experiments, Biological Techniques, Biology, Cancer Research, Immunology, Neuroscience, Microbiology, JoVE Visualize

EDUCATION Categories: JoVE Core, Analytical Chemistry, Anatomy and Physiology, Cell Biology, Chemistry, Civil Engineering, Electrical Engineering, JoVE Science Education, Advanced Biology, Basic Biology, Chemistry, JoVE Lab Manual, Biology, Chemistry

Footer: Publish with JoVE, Teach with JoVE, Subscribe

JoVE 개인 계정 생성

Sign In 클릭



Products Solutions

EN

Sign In

Start Free Trial

Video Platform and Education

개인 계정 기능

기관 이메일로 JoVE 계정 생성 → 소속 기관에서 JoVE를 구독하는 경우 기관 이용자로 교외 접속 가능

※ 출판사 시스템에 등록된 기관 이메일 도메인과 기관 이용자들이 생성한 JoVE 개인 ID 이메일 도메인이 일치해야 가능
Gmail, Naver 등 개인 이메일은 기관 이용자로 인증 안됨

Sign In

Enter your details below

Institutional Email

Password

Forgot Password?

Or Create an Account

Sign In

Continue with Shibboleth/OpenAthens

로그인

I Have a Trial Code

Create an Account 클
릭

Create Your Account

All your science content in one place

Institutional Email Address

3GD925

Type the gray text:

Create Account

Or Sign In

이메일 주소 및 문자 입력
Create Account 클릭

Almost done!

A verification has been sent to

Email Address

Please check your email and follow the link to activate your account.

Waiting for Verification Email?

입력한 이메일 주소로
JoVE 계정 활성화 이메일
발송

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/SimpleAccountVerify?user=dc6ea331807eaf02f8fc0c76944f10&verify=j3138&1596122802]

이메일 확인
Confirm Email Address 클릭

Just a bit more...

Thanks for your patience!

First Name

Last Name

Password

Confirm Password

Select a Role

Select a Role

Create Account

이름, 성, 패스워드,
직업/역할 정보 입력 후
Create Account 클릭

JoVE 개인 계정 기능



Research ▾ Education ▾ Business ▾

계정 사용자 명 클릭
→ MyJoVE 클릭

M



Home



Videos ▾



Playlists

Accelerate your science research and education

☐ All ▾

Search within JoVE's 25,000+ videos...

🔍 Search

Mei Han

mhan@ebSCO.com

My JoVE

My Favorites

Sign Out

- VIEW WATCH HISTORY - 재생했던 비디오 확인 가능
- FAVORITE ARTICLES - 스크랩 기능 - 비디오 오른쪽 하단에 별 표시 클릭
- CITATIONS LISTINGS - 인용정보를 확인했던 비디오 정보 저장
- MY TEST - JoVE TEST 기록
- ACCOUNT INFO - 패스워드, 소속 기관, 국가, 직업/역할, 분야 정보 업데이트 가능
- JoVE ACCESS - 액세스 가능한 콘텐츠 확인 가능



JoVE Access 가능한 콘텐츠 확인

JoVE Access

Summary

JoVE Research

JoVE Education

JoVE Business

기관 인증이 된 상태에서 기관의 Access 상태는 <https://app.jove.com/access>에서 확인 가능
JoVE 홈페이지 상단 메뉴 : Librarian > Access 로도 아래 페이지 접근 가능
기관이 액세스 권한을 가지고 있는 콘텐츠는 ■ (파란색)으로 표시됨

Summary

You currently have access to the following modules

JoVE Research 0/19

JoVE Education 1/67

JoVE Business 0/5

To request broader access to JoVE's resources, we encourage you to reach out to [your institution's library](#).

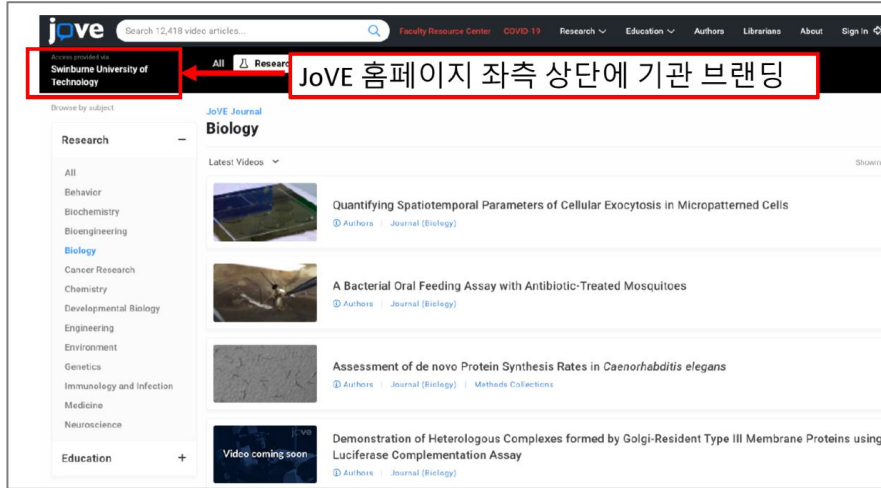
If you have any questions, email us at subscriptions@jove.com

JoVE Research

JoVE Journal Access (0/13)

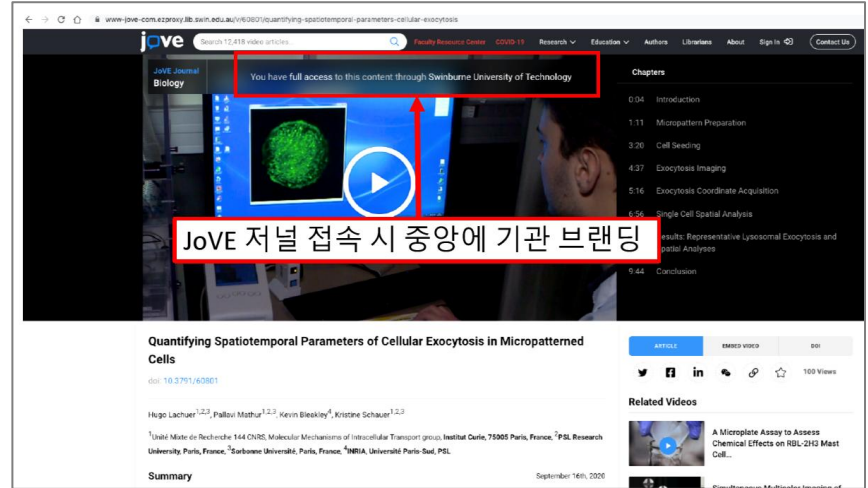
- | | | |
|--|---|---|
| ☐ Behavior | ☐ Biochemistry | ☐ Bioengineering |
| ☐ Biology | ☐ Cancer Research | ☐ Chemistry |
| ☐ Developmental Biology | ☐ Engineering | ☐ Environment |
| ☐ Genetics | ☐ Immunology and Infection | ☐ Medicine |

JoVE 기관접속 확인



콘텐츠 이용 시 좌측 상단에 "Access provided via 기관명"이 표시

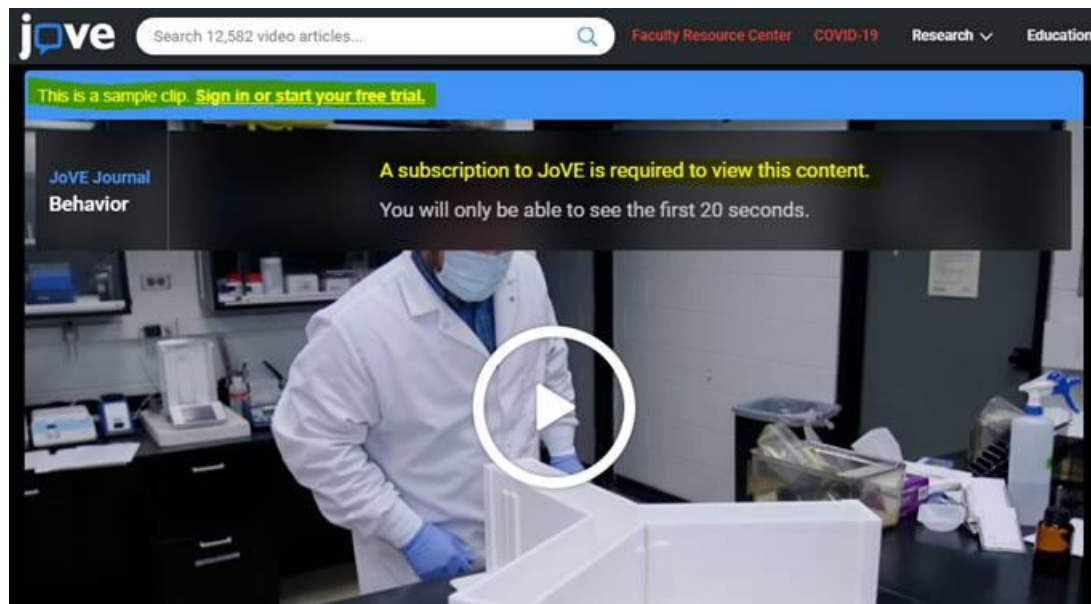
JoVE 사이트 상단 메뉴 중 Research 또는 Education 클릭 후 저널 섹션 및 Science Education 페이지로 이동하면 좌측 상단에 기관명 표시됨



비디오 재생 전 화면에 "You have fully access to this content through 기관명"이 표시되고, 재생 후에는 해당 안내 문구는 표시되지 않음

액세스 권한이 없는 콘텐츠인 경우

액세스 권한이 없는 비디오를 재생하는 경우, 비디오 재생 전 화면에 아래와 같은 문구 표시되고, 샘플로 20초 정도만 재생됨.
This is a sample clip. Sign in or start your free trial.
A subscription to JoVE is required to view this content.
You will only be able to see the first 20 seconds.



JoVE Journal(Research)

JoVE Journal(Research)

Research Education Business All Search or ask a question

Home Videos Playlists Quizzes Favorites Help

Research Videos

RESEARCH All

SUBJECTS

All

13개 저널 섹션
+생물학 연구실험 비디오 백과사전

Behavior

Biochemistry

Bioengineering

Biology

Cancer Research

Chemistry

Developmental Biology

Engineering

JOURNAL Behavior

JOURNAL Biochemistry

JOURNAL Bioengineering

JOURNAL Biology

JOURNAL Cancer Research

JOURNAL Chemistry

- Peer-reviewed 저널
- 과학연구의 재현성과 생산성을 높이기 위해 실험 및 연구방법에 대한 고품질의 비디오와 상세한 텍스트 설명 제공

JoVE Science Education

joVE Research ▾ **Education** Business ▾ All ▾ Search or ask a question

Home Videos Playlists Quizzes Favorites Help

Education Videos

SUBJECTS

All

Biology

Chemistry

Clinical

Engineering

Environmental Sciences

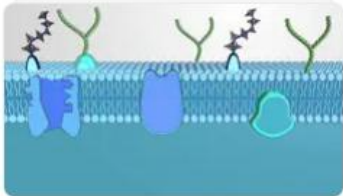
Mathematics

Pharmacology

Physics

EDUCATION All

CORE Biology



CORE Cell Biology



CORE



CORE



- 학부과정 수준의 분야별 핵심 개념과 기본 실험기법을 간단하고 이해하기 쉬운 비디오로 제공
- 한국어, 중국어 등 13개 언어의 자막 지원 → 학부 및 대학원생 수업 자료로 활용 가능

JoVE 비디오 검색

jove Research ▾ Education ▾ Business ▾ MH

 Home
 Videos ▾
 Playlists
 Quizzes
 Favorites
 Help

Accelerate your science research and education

 All ▾

Search within JoVE's 25,000+ videos...

 Search

Home 검색창에서 키워드로 검색 가능

Research Highlights



03:57

Evaluating Therapeutic and Chemical Toxicity Using...
Porcine corneal ex vivo organ culture and epithelial wound healing provid...
👁 20.4k views



11:24

Optimized Fabrication Procedure for High-Qualit...
This article presents an optimized, experience-informed protocol for...
👁 14.4k views



09:45

Proc Cult
This j cultiv
👁

Education Highlights

JoVE 비디오 검색 결과

Research ▾ Education ▾ Business ▾

All ▾ genetic

×

Q

Filters

Reset all filters

Show Articles

All With video

Type

Content Products

☒ All

☐ Research

☐ Education

Date

2005 2025

Author

All Research Education

Showing results (1-12 of 267) for genetic

Sort by: Most Relevant ▾

Page 1 of 23

Education JoVE Core - Biology

What is Genetic Engineering?

79.4K Views • 2019

Overview Genetic engineering is the process of modifying an organism's DNA to introduce new,...

00:49

Education JoVE Core - Introduction to Psychology

Genetic Material

3.1K Views • 2024

Within the human body, a complex and detailed system of trillions of cells works in unison to...

01:20

품목별, 발행연도, 저자, 기관정보로 재검색 가능

JoVE 비디오 및 아티클 페이지 (1)

JoVE Science Education > Clinical Skills > Coronavirus / COVID-19 Procedures > COVI...

COVID-19 / Coronavirus Outbreak: Donning and Doffing Personal Protective Equipment (PPE) for Healthcare Providers

English

Automatic Translation
Text 자동 번역 기능 -
한국어, 중국어, 일본어 등 지원

Goggles or Full face shield

Fluid-resistant gown

Medical Mask

N95 respirator mask

Gloves

and eye protection, either goggles or a full face shield.

Add to Playlist

< Previous

Next >

Videos from this collection:

- Now Playing**
COVID-19 / Coronavirus Outbreak: Donning and...
30.0K Views
- COVID-19 / Coronavirus Outbreak: Performing ...
34.8K Views
- COVID-19 / Coronavirus Outbreak: Guidance fo...
10.2K Views

관련 비디오 제공

JoVE 비디오 및 아티클 페이지 (2)

Overview

Appropriate personal protective equipment (PPE) should be worn when screening patients for COVID19. The PPE package must include:

- Gown,
- Gloves,
- Respirator or medical mask
- Eye protection

The following protocol describes the proper procedures for donning and doffing

Procedure

1. Follow these steps when donning, or putting on, the PPE:

NOTE: Open shoes are prohibited. Use boot covers if they are available. If available, cover your hair.

- 원문 PDF로 다운
- 실험과정 및 재료 목록
- 아티클 초록, 소개, 실험 프로토콜, 결과, 논의, 실험재료, 참고문헌 등

1. Visually inspect the PPE ensemble for any damage.

2. Slide your arms inside the sleeves of the fluid-resistant, non-sterile disposable isolation gown. You may use a gown with a thumb hole located at the wrist area. Put your thumb through this hole to make sure that there is no visible skin between the sleeves and gloves. Then, tie the gown at the back to secure it around your body.

3. Hold the N95 respirator mask in the palm of your hands facing down, letting the straps dangle to the floor. Place the



13.1K Views

**COVID-19 /
Coronavirus
Outbreak:
How To...**

10.1K Views



**COVID-19 /
Coronavirus
Outbreak:
How To...**

8.7K Views



**COVID-19 /
Coronavirus
Outbreak:
Hemodynam...**

12.5K Views



**COVID-19 /
Coronavirus
Outbreak:**

JoVE My Playlists

Home

Videos

Playlists

Playlist Library

My Playlist

Playlist Help

로그인 후 My JoVE
클릭 후 'Playlists' 클
릭

All JoVE Collections Courses Exam Prep Textbooks

Create New Playlist

우측 상단에 'Create New Playlist' 버튼을 클릭

JoVE Collections

JoVE Chapters as playlists. Select a chapter and edit as a playlist!

Marketing → Microeconomics → Finance → Biology → Chemistry → Social Psychology →

Molecular Biology → Organic Chemistry → Statistics → Physics → Cell Biology → Pharmacology →

Analytical Chemistry → Electrical Engineering → Anatomy and Physiology →

[View All](#)

Basic Courses

Expert created JoVE video playlists mapped to courses across a wide range of disciplines

Biology → Chemistry → Clinical Medicine → Engineering → Environmental Sciences → K-12 →

Lab Courses → Nursing → Pharmacology → Physics → Psychology →

User Name

JoVE My Playlists

The screenshot displays the JoVE My Playlists interface. On the left is a sidebar with navigation icons for Home, Videos, Playlists, Quizzes, Favorites, and Help. The main area is titled 'Back to My Playlists' and features two tabs: 'Education' (selected) and 'Research'. Below the tabs is a search bar labeled 'Search videos by title...'. A list of videos is shown, with the first video, 'Scientific Measurement and Lab Skills - Concept', highlighted by a red box. This video has 'Chemistry' and 'Lab Manual' labels. A blue text box with Korean text and an arrow points from this video to a larger preview of the same video on the right. The preview shows the video title, a thumbnail, and the same labels. Above the preview is a '+ Add Label' button. At the top right of the preview area are buttons for settings, 'Cancel', and 'Save'. The 'Untitled Playlist' header shows '0 Video(S)' and '0 Label(S)'.

Home

Videos

Playlists

Quizzes

Favorites

Help

← Back to My Playlists

Education Research

Search videos by title...

비디오 검색 후 원하는 비디오를 우측으로 드레그하여 이동시킨 후 SAVE 클릭하면 저장완료됨

Scientific Measurement and Lab Skills - Concept

Chemistry Lab Manual

Stoichiometry, Product Yield, and Limiting Reactants - Concept

Chemistry Lab Manual

Redox Reactions - Concept

Untitled Playlist 0 Video(S) 0 Label(S)

+ Add Label

Scientific Measurement and Lab Skills - Concept

Chemistry Lab Manual

Cancel Save

JoVE My Playlists - AI-Powered Playlist Citation

The screenshot displays the JoVE website interface. The top navigation bar includes 'Research', 'Education', and 'Business' tabs, a search bar, and an 'Ask JoVE' button. The left sidebar shows a navigation menu with 'Home', 'Videos', 'Playlists', 'Quizzes', 'Favorites', 'MyClass', 'JoVE Labs', 'Help', and a user profile icon. The main content area is titled 'Education Videos' and 'Chemistry'. It features a grid of video thumbnails with labels: 'CORE Chemistry', 'CORE Organic Chemistry', 'CORE Analytical Chemistry', and 'SCIENCE EDUCATION Chemistry'. On the right, a red box highlights the 'Ask JoVE' button. Below it, a blue text box contains the following text: 'Ask JoVE를 통해 원하는 내용을 설명하기만 하면 플레이리스트를 생성할 수 있으며, 수동으로 검색하거나 구성할 필요 없이 30초 이내에 바로 사용할 수 있는 플레이리스트를 받을 수 있습니다'. Below the text box, a generated playlist is shown with two sections: 'Label: Newton's laws overview' and 'Label: Reference frames and kinematics'. Each section lists related topics with expand/collapse icons. At the bottom of the playlist, there is an 'Ask Anything' input field and a disclaimer: 'AI-assisted responses, please review and verify before using.'

Home Research Education Business Search or ask a question Ask JoVE TM

Home Education Chemistry

Education Videos

SUBJECTS

All Subjects

Biology

Chemistry

Clinical

Engineering

Environmental Sciences

Information Literacy

Mathematics

Pharmacology

Physics

Psychology

Statistics

PRODUCTS

EDUCATION Chemistry

CORE Chemistry

CORE Organic Chemistry

CORE Analytical Chemistry

SCIENCE EDUCATION Chemistry

Ask JoVE

Ask JoVE를 통해 원하는 내용을 설명하기만 하면 플레이리스트를 생성할 수 있으며, 수동으로 검색하거나 구성할 필요 없이 30초 이내에 바로 사용할 수 있는 플레이리스트를 받을 수 있습니다

Label: Newton's laws overview

- Newton's Laws of Motion
- Newton's Law of Motion
- Newton's First Law: Introduction
- Newton's Second Law
- Newton's Third Law: Introduction
- Newton's First Law: Application
- Second Law: Motion under Same Force

Label: Reference frames and kinematics

- Inertial Frames of Ref.

Ask Anything

AI-assisted responses, please review and verify before using.

JoVE Visualize

JoVE Visualize <https://visualize.jove.com/>



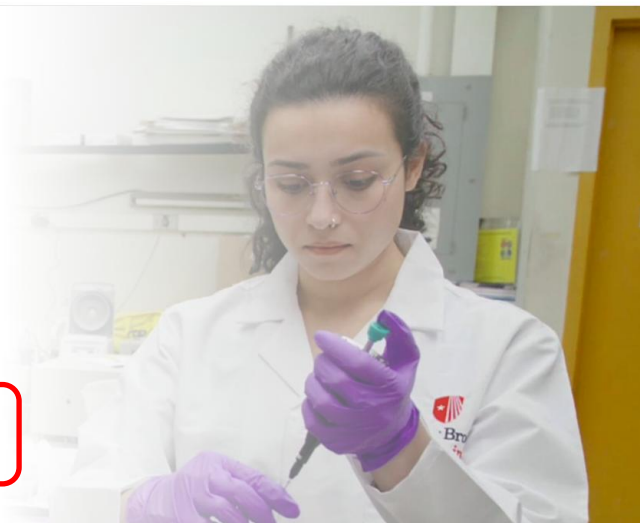
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A pathogen-derived metabolite induces microglial activation via odorant receptors

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Sangya Chatterjee, Tamina Rückert, Ina Martin, et al.

Journal of Neuroinflammation | April 14, 2026

Neonatal sevoflurane exposure disrupts the lung-brain axis and drives microglial neuroinflammation and cognitive deficits

Lirong Liang, Shuhui Cao, Youyi Zhao, et al.

Journal of Immunology (Baltimore, Md. : 1950) | October 20, 2007

TLR2 and caspase-8 are essential for group B Streptococcus-induced apoptosis in microglia

Seija Lehnardt, Julia Wennekamp, Dorette Freyer, et al.

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A pathogen-derived metabolite induces microglial activation via odorant receptors.

Nahye Lee^{1,2}, YoonGyu Jae^{1,2}, Minhyung Kim² *14

¹ Department of New Biology, DGIST, Daegu, Korea. *15

The FEBS Journal | February 1, 2020

[View abstract on PubMed](#) of

Summary

Microglia use odorant receptors to detect pathogen metabolites like 2-pentylfuran from *Streptococcus pneumoniae* in neuroinflammation.

Area Of Science:

- Neuroimmunology
- Molecular Biology
- Microbiology

Background:

- Microglia (MG) are key brain immune cells that regulate neuroinflammation.
- Pathogen metabolites can influence neuroinflammation, but mechanisms of microglial activation

Purpose Of The Study:

- Investigate the role of odorant receptors (ORs) in microglial activation by pathogen metabolites.
- Identify specific ORs and metabolites involved in this process.

Main Methods:

- Assessed microglial expression of ORs.
- Utilized a pathogenic metabolite (2-pentylfuran) from *Streptococcus pneumoniae*.
- Analyzed microglial responses including chemotaxis, cytokine production, phagocytosis, and ROS generation.
- Investigated downstream signaling pathways (cAMP and Ca²⁺).

Main Results:

- Microglia express Olfr110 and Olfr111, which bind 2-pentylfuran.
- This binding activates microglia, leading to immune responses.
- Signaling involves G α s-cAMP-PKA-ERK and G β γ -PLC-Ca²⁺ pathways.

Conclusions:

- Odorant receptors mediate microglial activation by pathogen metabolites.
- This discovery offers new insights into pathogen recognition and neuroinflammation.

Keywords: [microglial activation](#) [non-olfactory expression](#) [odorant receptor](#) [pathogenic metabolite](#)

AI 기반
아래 내용을 요약 제공 (무료제공)
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Main Results
Conclusions

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관련 콘텐츠 추천 (구독기관 Only)



Physiology of the Human Olfactory System
11:5K
Humans detect odors with the help of specialized cells located in the upper part of the nasal cavity, called olfactory receptor neurons (ORNs). ORNs...



Olfactory Receptors: Location and Structure
11:0K
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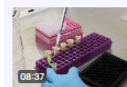


Olfaction
47:9K
The sense of smell is achieved through the activities of the olfactory system. It starts when an airborne odorant enters the nasal cavity and...

Related Experiment Videos



Real-time In Vitro Monitoring of Odorant Receptor Activation by an...
Published on: April 23, 2019
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Microglia as a Surrogate Biosensor to Determine Nanoparticle...
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복잡한 연구 방법을 직관적
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연구 정확도를 향상시키고,
실험 과정의 오류를
최소화하세요



과학 학습을
더욱 간편하게 만들고,
수백만 개의 논문을
명확한 시각 콘텐츠로
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핵심 논문과 연계된 실험 프로토콜 영상과 AI 기반 논문 요약은 함께 제공하여,
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새로운 연구 방향과 혁신적인 인사이트를 발굴할 수 있도록 지원합니다.

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JoVE Journal Neuroscience

This content is Open Access.

Studying Pre-formed Fibril Induced α -Synuclein Accumulation in Primary Embryonic Mouse Midbrain Dopamine Neurons

doi: 10.3791/61118

Chapters

- 0:04 Introduction
- 1:11 Primary Embryonic Midbrain Culture Plate Preparation
- 1:53 Primary E13.5 Embryonic Midbrain Culture Setup
- 4:32 Seeding with Pre-Formed Fibrils (PFFs) and Semi-automated Immunofluorescence Imaging
- 6:21 High-Content Image Analysis
- 7:42 Results: Representative Midbrain Culture Characterization and Analysis
- 9:13 Conclusion

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Safak Er¹, Irena Hlushchuk¹, Mikko Airavaara², Piotr Chmielarz^{1,3}, Andrii Domanskyi¹

¹Institute of Biotechnology, HiLIFE, University of Helsinki, ²Neuroscience Center, HiLIFE, University of Helsinki, ³Department of Brain Biochemistry, Maj Institute of Pharmacology, Polish Academy of Sciences

10:03

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- 1:11 Primary Embryonic Midbrain Culture Plate Preparation
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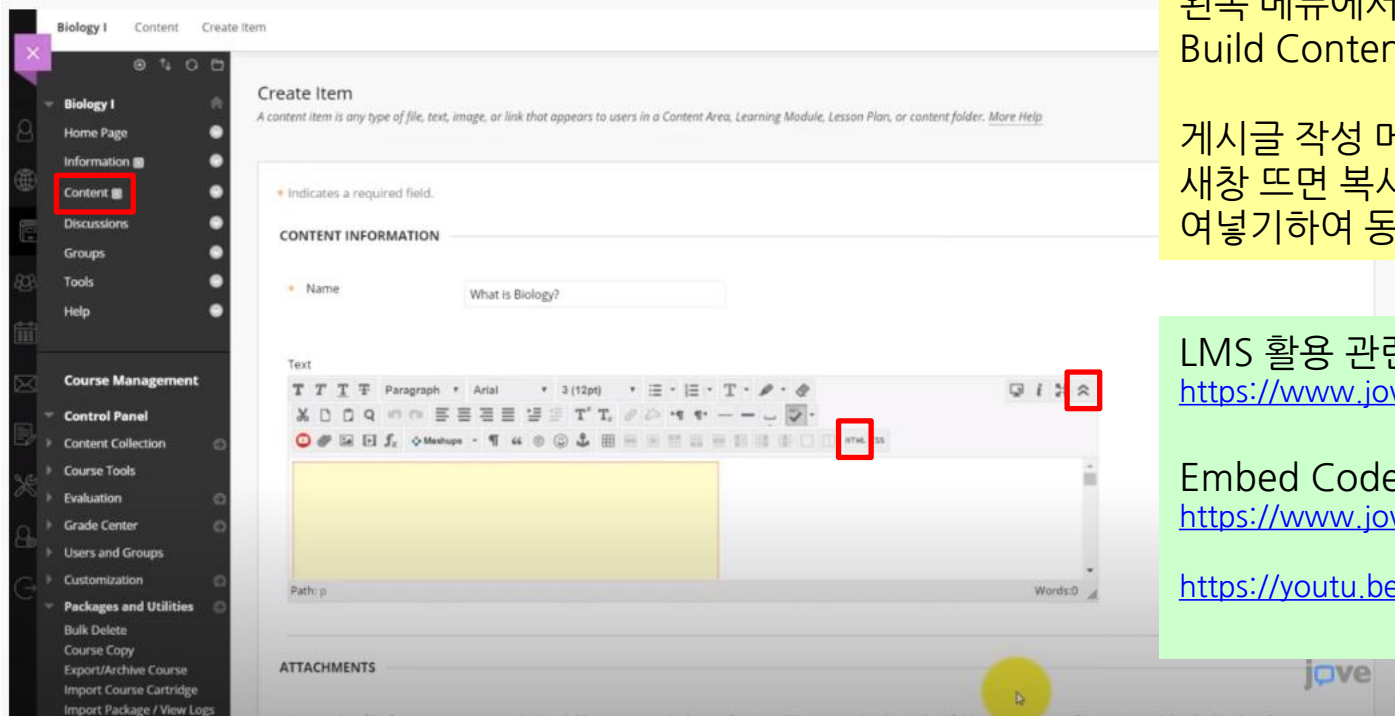
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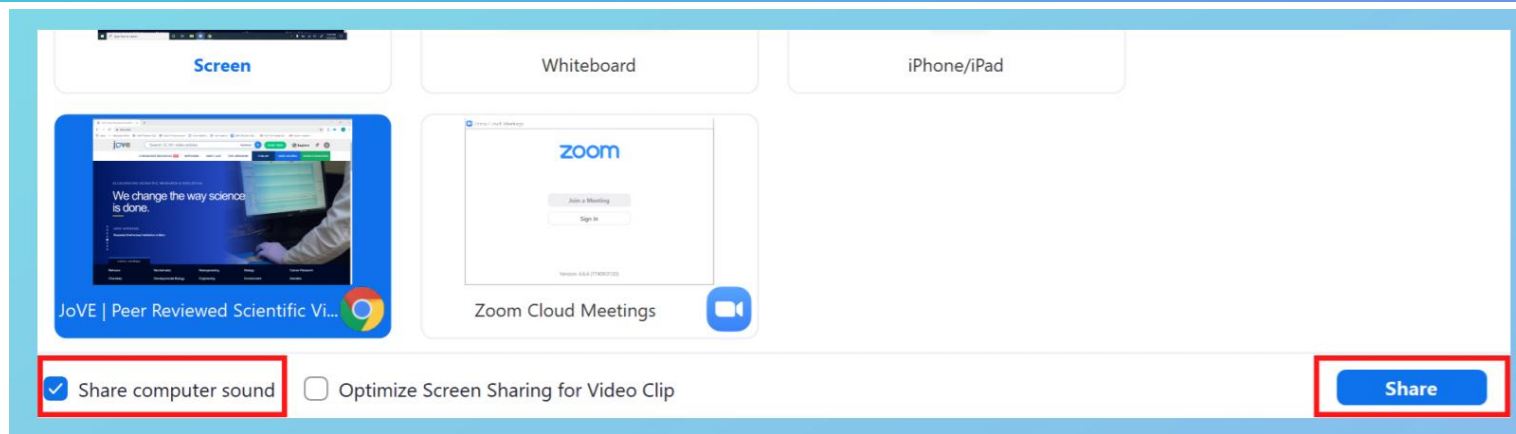
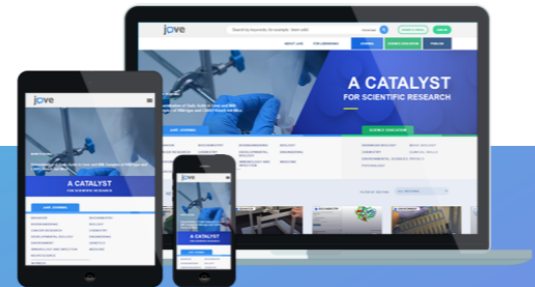
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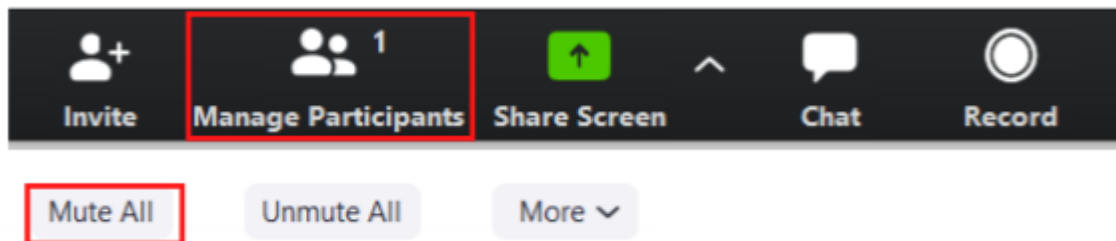
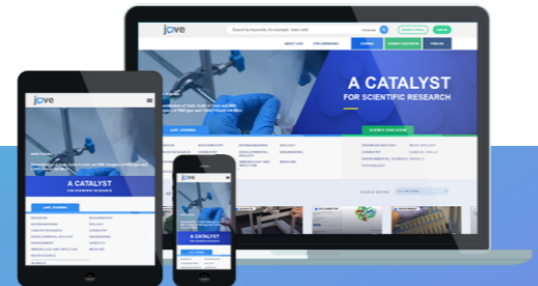
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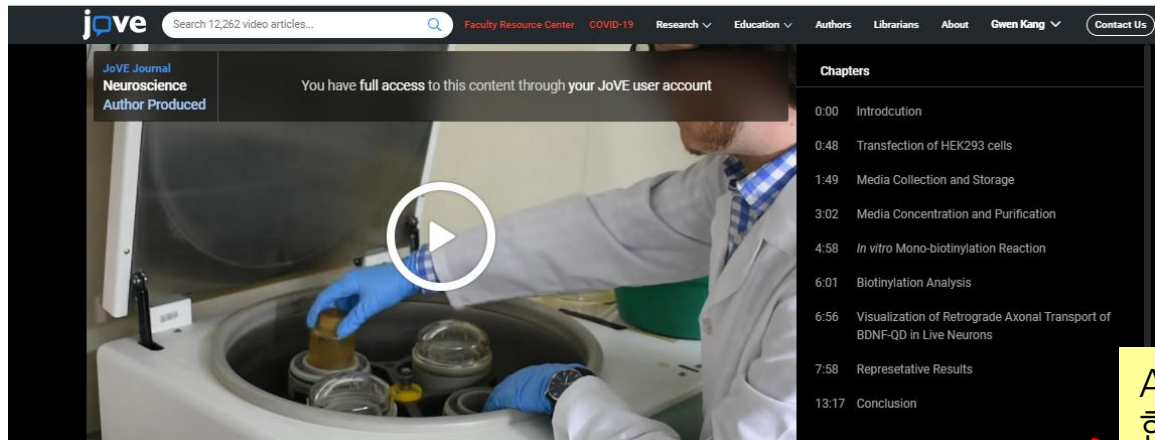
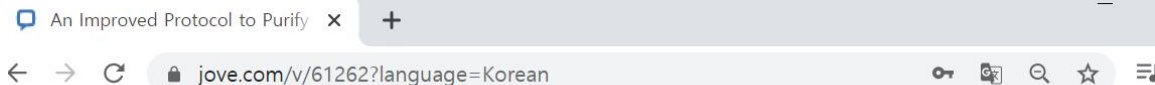


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doi: 10.3791/61262

Nicolás Stuardo^{1,2}, Guillermo Moya-Alvarado^{1,3}, Carolina Ramirez^{1,3}, Giampietro Schiavo⁴, Francisca C. Bronfman^{1,3}

¹Department of Physiology, Faculty of Biological Sciences, Pontificia Universidad Católica de Chile, ²Department of Molecular and Cellular Biology, Faculty of Biological Sciences, Center for Aging and Regeneration (CARE UC), Pontificia Universidad Católica de Chile, ³Institute of Biomedical Sciences, Faculty of Medicine and Faculty of Life Sciences, Universidad Andrés Bello, ⁴Department of Neuromuscular Diseases, UCL Queen Square Institute of Neurology and UK Dementia Research Institute at UCL, University College London Campus

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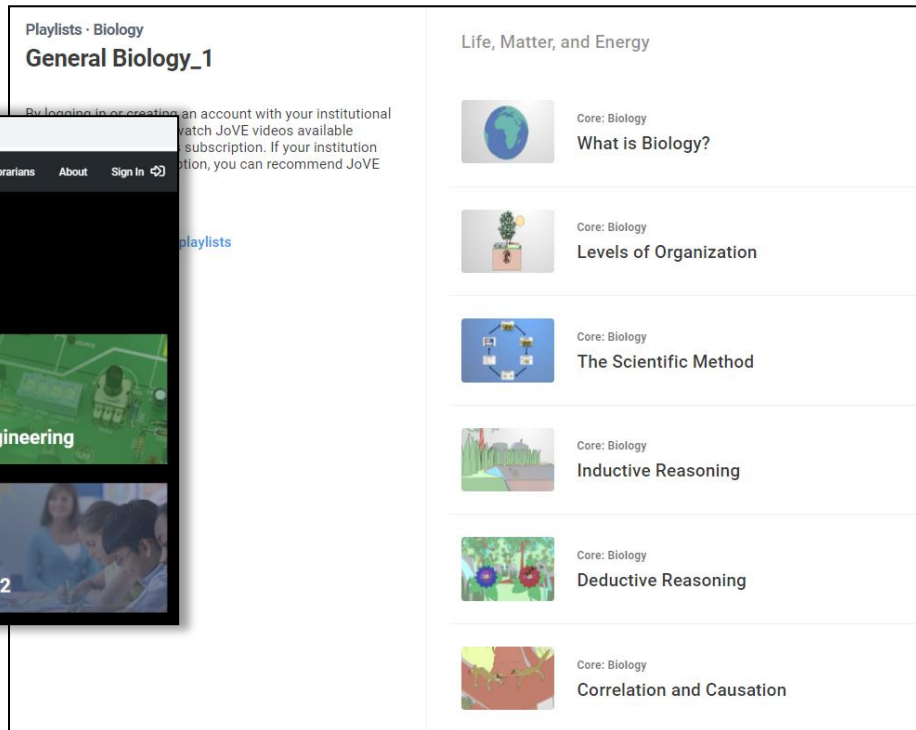
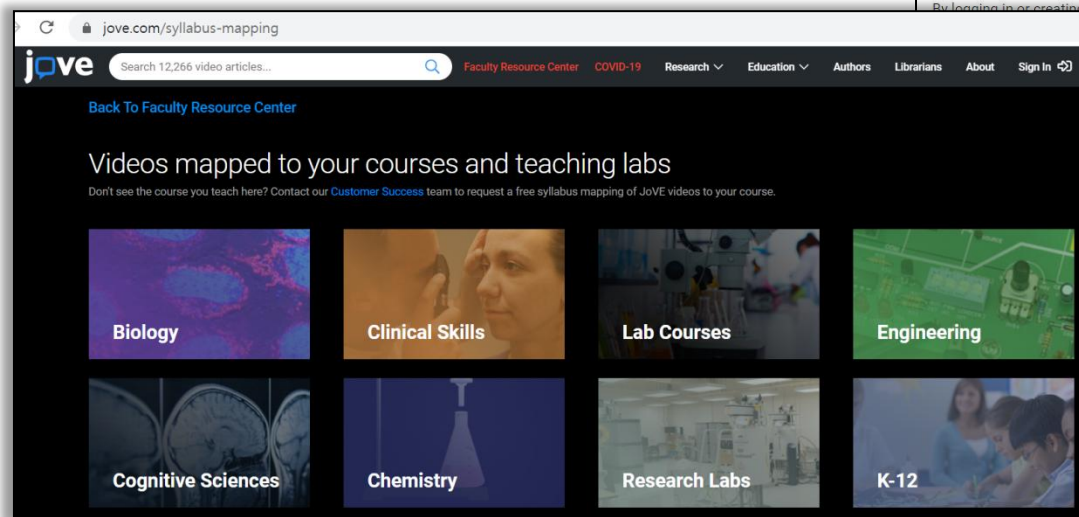
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Understanding Finance ^

☒ Understanding Finance

1. What is the primary goal of finance...

2. What does personal finance involve...

3. What type of finance involves...

Areas of Finance ^

☒ Areas of Finance

4. What are the three main areas of...

5. What example is given in the video...

6. What are the primary financial...

Introduction to Financial... ^

☒ Introduction to Financial...

7. What are examples of tools that ar...

Single Correct Answer ⓘ

1. What is the primary goal of finance for individuals and companies?

a. To manage money to achieve their objectives

b. To spend money quickly

c. To avoid investments

d. To only save money

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