


joVE

A CATALYST FOR SCIENTIFIC
RESEARCH AND EDUCATION

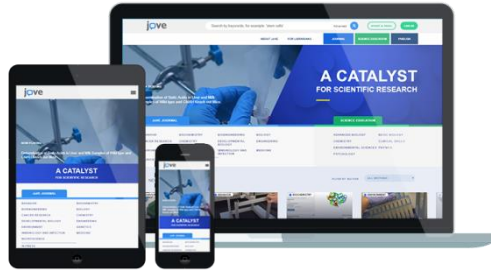


Learn more at [JoVE.com](https://www.jove.com) 

JoVE 소개

JoVE 출판사 소개

Journal of Visualized Experiments (JoVE)



- 최초로 Peer-Reviewed된 비디오 저널을 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



JoVE Journal

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

JoVE Encyclopedia of Experiments

New

- 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
- 2019년 Impact Factor: 1.163, 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



JoVE Science Education

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

JoVE Core

- Biology
- Social Psychology
- Chemistry

JoVE Lab Manual

- Biology
- Chemistry

- **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. 6-7 참고)
기관 이메일 도메인을 이용해 기관 이용자들이 JoVE 개인 ID/PW을 등록해서 이용

기관 이메일 도메인을 통한 기관 인증은 출판사 시스템에 등록된 기관 이메일 도메인과 기관 이용자들이 생성한 JoVE개인 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

JoVE Research & Education
주제별 접근 가능

The screenshot shows the JoVE website homepage. The browser address bar displays 'jove.com'. The navigation bar includes 'Remote Learning', 'COVID-19', 'Research', 'Education', 'Authors', 'Librarians', 'About', 'Sign In', and 'Contact Us'. The main content area features the JoVE logo, the tagline 'Accelerate your science research and education', and a search bar containing 'Search 12,225 videos...'. Two dropdown menus are open, listing various scientific fields. A 'Sign In' button is highlighted with a green box, and a text box next to it says 'JoVE 계정 생성 상세내용은 다음 페이지 참고'. A search bar is highlighted with a yellow box, and a text box below it says '키워드 검색'.

Research

Education

Authors Librarians About Sign In Contact Us

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

JoVE Journal
JoVE Encyclopedia of Experiments **New**

Basic Biology
Advanced Biology
Chemistry
Environmental Science
Physics
Engineering
Clinical Skills
Psychology

JoVE Core
JoVE Science Education
JoVE Lab Manual
Videos Mapped to Your Syllabus

JoVE 계정 생성 상세내용은 다음 페이지 참고

Search 12,225 videos...

키워드 검색

JoVE 개인 계정 생성

Sign In 클릭

Create an Account 클릭

이메일 주소 및 문자 입력
Create Account 클릭

입력한 이메일 주소로
JoVE 계정 활성화 이메일
발송

이메일 확인
Confirm Email Address 클릭

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

JoVE 개인 계정 기능

계정 사용자 명 클릭→MyJoVE 클릭

The screenshot shows the JoVE website interface. At the top, there is a search bar with the text "Search 12,226 video articles..." and a navigation menu with items: Remote Learning, COVID-19, Research, Education, Authors, Librarians, About, Gwen Kang, and Contact Us. Below the navigation bar, a large blue banner displays "WELCOME GWEN KANG". To the right of the banner, a user profile dropdown menu is open, showing the user's name "Gwen Kang", email "gwenkang29@gmail.com", and a red box around the "MY JoVE" link. Other links in the dropdown include "MANAGE ACCOUNT", "JOVE TESTS", "FAVORITE ARTICLES", and "SIGN OUT". Below the banner, there is a grid of navigation buttons: HOME, VIEW WATCH HISTORY, FAVORITE ARTICLES, CITATIONS LISTING, MY TESTS, ACCOUNT INFO, JoVE ACCESS, and LTI ADMIN. The "CITATIONS LISTING" button is highlighted in blue.

- 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 - 비밀번호, 소속 기관, 국가, 직업/역할, 분야 정보 업데이트 가능
- JoVE ACCESS - 액세스 가능한 콘텐츠 확인 가능

JoVE Research

joVE Search 12,226 video articles... Remote Learning COVID-19 Research Education Authors Librarians About Gwen Kang Contact Us

JoVE Journal EDITORIAL BOARD ARCHIVE SUBMIT Search JoVE Journal...

Scientific video journal. Peer reviewed. Multi-disciplinary.
Indexed in PubMed and Web of Science.

13개 저널 섹션
+생물학 연구실험 비디오 백과사전

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

JoVE Encyclopedia Of Experiments: Biology

Most Recent Most Popular Methods Collections

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

JoVE Education

joVE.com/science-education-library

Search 12,226 video articles...

Remote Learning COVID-19 Research Education Authors Librarians About Gwen Kang

JoVE Science Education

Search Science Education Videos

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

- Basic Biology
- Engineering
- Environmental Sciences
- Physics
- Chemistry
- Psychology
- Advanced Biology
- Clinical Skills
- JoVE Core
- JoVE Lab Manual
- Textbook Mapping

- 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 Research & Education

The screenshot shows the JoVE website interface. At the top, there is a search bar with the text "Search 12,226 video articles..." and a magnifying glass icon. To the right of the search bar are navigation links: "Remote Learning", "COVID-19", "Research", "Education", "Authors", "Librarians", "About", and "Gwen Kang". A "Contact Us" button is located in the top right corner. Below the search bar, there are tabs for "All", "Research", and "Education".

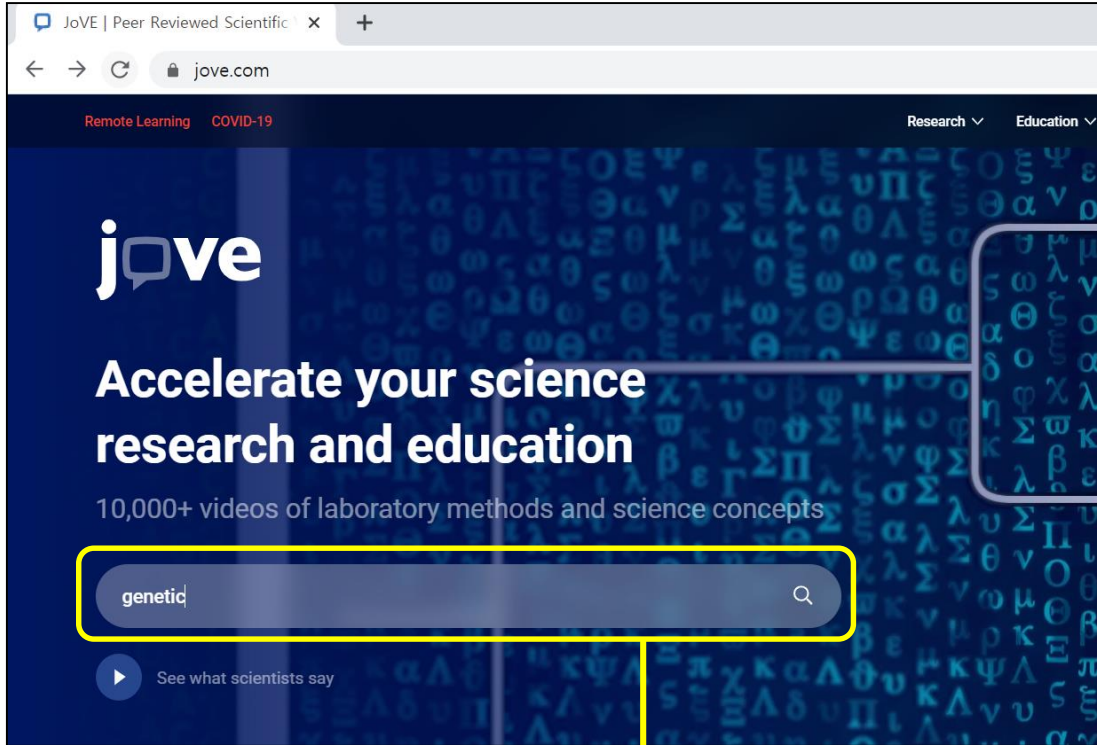
On the left side, there is a "Browse by subject" sidebar. The "Research" section is expanded, showing a list of subjects: "All", "Behavior", "Biochemistry", "Bioengineering", "Biology", "Cancer Research", "Chemistry", "Developmental Biology", "Engineering", "Environment", "Genetics", "Immunology and Infection", "Medicine", and "Neuroscience". The "Education" section is collapsed. A red box highlights the "Behavior" section in this sidebar, with a pink callout box containing the text "섹션 별 콘텐츠 분류" (Section-wise content classification).

In the main content area, the "JoVE Journal Behavior" section is visible. A green box highlights the "Popular Videos" link, with a green callout box containing the text "Popular Videos : 인기 비디오 순 정렬" (Popular Videos : Popular video order) and "Latest Videos : 최신 비디오로 정렬" (Latest Videos : Sorted by latest video). Below this, there is a list of research articles, each with a thumbnail image, a title, and a link to the full article. The articles listed are:

- Novel Object Recognition and Object Location Behavioral Testing in Mice on a Budget
- Novel Object Recognition Test for the Investigation of Learning and Memory in Mice
- The Resident-intruder Paradigm: A Standardized Test for Aggression, Violence and Social Stress
- The 4 Mountains Test: A Short Test of Spatial Memory with High Sensitivity for the Diagnosis of Pre-dementia Alzheimer's Disease

At the bottom right of the main content area, it says "Showing 1 - 24 in 459 videos."

JoVE 비디오 검색



메인 페이지 검색창에서 키워드로 검색 가능

JoVE 비디오 검색 결과

joVE genetic Remote Learning COVID-19 Research Education Authors Librarians About

Publication Date Author Institution Subjects 발행일, 저자, 기관정보, 주제로 재검색 가능

Research View All Showing 1 - 4 of 3,279 results for genetic

- Genetic** Studies of Human DNA Repair Proteins Using Yeast as a Model System
Authors | Journal (Biology)
- Genetic** Manipulation in $\Delta ku80$ Strains for Functional Genomic Analysis of *Toxoplasma gondii*
Authors | Journal (Immunology and Infection)
- A Pipeline using Bilateral In Utero Electroporation to Interrogate **Genetic** Influences on Rodent Behavior
Authors | Journal (Biology) | Methods Collections
- Determining the Likelihood of Variant Pathogenicity Using Amino Acid-level Signal-to-Noise Analysis of **Genetic** Variation
Authors | Journal (Genetics)

JoVE 비디오 아티클 View All

Education View All Showing 1 - 3 of 1,234 results for genetic

- What is **Genetic** Engineering?
Science Education (Core: Biology)
- Mutation, Gene Flow, and **Genetic** Drift
Science Education (Core: Biology)
- Genetic** Drift
Science Education (Core: Biology)
- An Overview of **Genetic** Engineering
Science Education (Advanced Biology)

JoVE Education 비디오 View All

JoVE Research 비디오 아티클 페이지

아티클 페이지 카테고리
 V : Video 모드
 T : Text 모드
 ※ Article 버튼 클릭하여
 Text 모드로 전환 가능

* Video 모드

Search 12,220 video articles...

Chapters

- 0:04 Introduction
- 0:41 Laboratory Preparation
- 2:11 Subject Preparation
- 3:15 Static Calibration
- 5:02 Dynamic Trials
- 5:43 Post-Processing
- 6:46 Results: Representative Changes in Joint Range of Motion (ROM) and Peak Angular Velocity Before and After Running
- 8:01 Conclusion

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

ARTICLE

Related Videos

- A Microplate Assay to Assess Chemical Effects on RBL-2H3 Mast Cell...
- A Restriction Enzyme Based Cloning Method to Assess the *In vitro*...
- Rapid Genotyping of Animals Followed by Establishing Primary Cultures of Brain...

Chapters
 비디오 타임라인 확인 가능

관련 비디오 제공

JoVE Research 비디오 아티클 페이지

* Text 모드

JoVE Journal > Behavior

Abstract Introduction Protocol Results Discussion Materials References

Behavior

Comparative Analysis of Lower Limb Kinematics between the Initial and Terminal Phase of 5km Treadmill Running

doi: 10.3791/61192 Published: July 17, 2021

Wenjing Quan¹, Meizi Wang², Gongju Liu², Guoqiang Wang³, and Yanyan Wang⁴

¹Faculty of Sports Science, Ningbo University, Ningbo, China, ²Department of Sport, and Physical Education, Ningbo University, Ningbo, China, ³Department of Sport, and Physical Education, Ningbo University, Ningbo, China, ⁴Department of Sport, and Physical Education, Ningbo University, Ningbo, China

Summary

This study investigated the biomechanical characteristics of the lower extremity kinematic variables between the initial and terminal phase of 5 km treadmill running. The lower-limb kinematic data of 10 runners were collected using a three-dimensional motion capture system on a treadmill at the initial phase (0.5 km) and the terminal phase (5 km), respectively.

Abstract

Running is beneficial for physical health, but it is also accompanied by many injuries. However, the main factors leading to running injury remain unexplained. This study investigated the effects of long running distance on lower-limb kinematic variables and the lower limb kinematic difference of between the initial (IR) and terminal phase (TR) of 5 km running was compared. Ten amateur runners ran on a treadmill at the speed of 10 km/h. Dynamic kinematic data was collected at the phase of IR (0.5 km) and TR (5 km), respectively. The peak angle, peak angular velocities, and range of motion were recorded in this experiment. The main results demonstrated the following: ankle eversion and knee abduction were increased at TR; ROMs of ankle and knee were increased in the frontal plane at TR than IR; a larger peak

관심 아티클 스크랩

MyJoVE 페이지 > FAVORITE ARTICLES
에서 확인 가능

아티클 페이지 카테고리
T : Text 모드
V : Video 모드
※ Play Video 클릭하여
Video 모드로 전환 가능

- Text 자료 PDF로 다운
- 실험 재료 목록 다운
- 인용 정보 확인

JoVE Research 비디오 아티클 페이지

The screenshot shows a web browser displaying a JoVE Research article page. The URL is jove.com/t/61192/comparative-analysis-lower-limb-kinematics-between-initial-terminal. The page has a dark navigation bar with the JoVE logo, a search bar, and various menu items like 'Remote Learning', 'COVID-19', 'Research', 'Education', 'Authors', 'Librarians', 'About', and 'Gwen Kang'. Below the navigation bar, there are tabs for 'Abstract', 'Introduction', 'Protocol', 'Results', 'Discussion', 'Materials', and 'References'. The 'References' tab is selected and highlighted with a red box. A green box highlights the 'References' tab and the list of references below it. A red box highlights the 'References' section header. A pink box contains Korean text: '비디오 아티클 페이지 하단에서 Reference 목록 확인 가능 - PubMed, Google Scholar 등 링크 연결'. A green box on the right contains Korean text: '아티클 초록, 소개, 실험 프로토콜, 결과, 논의, 실험재료, 참고문헌 등 Text 정보로 제공'. On the right side of the page, there is a video player with a 'Play Video' button and a play icon. The video shows two people in a laboratory setting, one standing and one sitting on a treadmill.

Abstract Introduction Protocol Results Discussion **Materials** References

References

1. Lee, D. C., et al. [Running as a Key Lifestyle Medicine for Longevity](#). *Progress in Cardiovascular Diseases*. **60**, (1), 45-55 (2017).
2. ... North America. **15**, (3), ...
3. ... Canadian Academy of ...
4. ... Heart Study. *American Journal of Epidemiology*. **177**, (7), 683-689 (2013).
5. Bovens, A. M., et al. [Occurrence of running injuries in adults following a supervised training program](#). *International Journal of Sports Medicine*. **10**, 186-190 (1989).
6. Blair, S. N., Kohl, H. W., Goodyear, N. N. [Rates and Risks for Running and Exercise Injuries: Studies in Three Populations](#). *Research Quarterly for Exercise & Sport*. **58**, (3), 221-228 (2016).
7. Lun, V., Meeuwisse, W. H., Stergiou, P., Stefanyshyn, D. [Relation between running injury and static lower limb alignment in recreational runners](#). *British Journal of Sports Medicine*. **38**, (5), 576-580 (2004).
8. Fukuchi, R. K., Fukuchi, C. A., Duarte, M. [A public dataset of running biomechanics and the effects of running speed on lower extremity kinematics and kinetics](#). *PeerJ*. **5**, (5), 3298 (2017).
9. Iii, E. B. L., Sackiriyas, K. S. B., Swen, R. W. [A comparison of the spatiotemporal parameters, kinematics, and biomechanics between shod, unshod, and minimally supported running as compared to walking](#). *Physical Therapy in Sport Official Journal of the Association of Chartered Physiotherapists in Sports Medicine*. **12**, (4), 151-163 (2011).
10. Dowling, G. J., et al. [Dynamic foot function as a risk factor for lower limb overuse injury: a systematic review](#). *Journal of Foot & Ankle Research*. **7**, (1), 53 (2014).

Play Video

아티클 초록, 소개, 실험 프로토콜, 결과, 논의, 실험재료, 참고문헌 등 Text 정보로 제공

JoVE 비디오 페이지- Science Education

The screenshot shows the JoVE website interface. At the top, there's a search bar with the text "Search 12,220 video articles...". Below the search bar, there are navigation links for "Remote Learning", "COVID-19", "Research", "Education", "Authors", "Librarians", "About", "Gwen Kang", and "Contact Us".

The main content area features a video player. The video title is "Kinematics and Projectile Motion". The video player shows a physics experiment setup with a projectile launcher. A subtitle overlay reads "Muzzle velocity (launch velocity) = 6.3 m/s". Below the video player, there's a "Transcript" section with a dropdown menu set to "Automatic Translation".

On the right side of the page, there's a "Chapters" section and a "Languages" dropdown menu. The "Languages" menu is open, showing options for English, العربية, 中文, Deutsch, Français, עברית, Italiano, 日本語, 한국어 (highlighted with a yellow box), Português, Русский язык, Español, and Türkçe. The "Languages" dropdown is circled in red.

Below the video player, there's a yellow box with the text "Science Education 한국어 자막 지원".

At the bottom right, there's a "PROTOCOL" button and an "EMBED VIDEO" button. Below these buttons, there are social media icons for Twitter, Facebook, LinkedIn, and YouTube, along with a star icon and the text "17,844 Views".

JoVE 정보

The screenshot shows the JoVE website interface. At the top, there is a navigation bar with links for 'Remote Learning', 'COVID-19', 'Research', 'Education', 'Authors', 'Librarians', 'About', 'Sign In', and 'Contact Us'. Below this, there are two main navigation sections. The first section, highlighted in yellow, is for 'Authors' and includes links for 'Overview', 'Publishing Process', 'Editorial Board', 'Scope and Policies', 'Peer Review', 'FAQ', and 'Submit'. The second section, highlighted in green, is for 'Librarians' and includes links for 'Overview', 'Testimonials', 'Subscriptions', 'Access', 'Resources', and 'FAQ'. The background of the website features a blurred image of a person in a lab coat working with laboratory equipment.

JoVE | Peer Reviewed Scientific | x +

← → ↻ jove.com

Remote Learning COVID-19 Research Education Authors Librarians About Sign In Contact Us

Authors | Overview Publishing Process Editorial Board Scope and Policies Peer Review FAQ Submit

Authors - 저자를 위한 정보
JoVE 비디오 아티클 출판과정, 편집 위원 정보, 주제 범위 및 정책, Peer Review 등

research and education

10,000+ videos of laboratory

Librarians | Overview Testimonials Subscriptions Access Resources FAQ

Librarians - 사서를 위한 정보
JoVE 콘텐츠 정보, 구독 정보, 액세스 가능 콘텐츠 확인, 소개자료 등 확인 가능

Search 12,225 videos...

▶ See what scientists say

JoVE 콘텐츠 활용 방법

JoVE 콘텐츠 LMS(학습관리시스템) 활용 방법



Embed Code 이용해 LMS에 동영상 삽입

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

doi: 10.3791/61118

ARTICLE **EMBED VIDEO** DOI

1,077 Views

비디오 콘텐츠 하단에
EMBED VIDEO 클릭

JoVE 콘텐츠 LMS(학습관리시스템) 활용 방법



Embed Code 이용해 LMS에 동영상 삽입

Copy Embed Code 클릭해서 코드 복사

Use this code to embed a JoVE article on a website. The access type of the article may restrict certain viewers. If you are an author and would like to embed your article without the subscription lock, please contact support@jove.com.

```
<iframe allowTransparency="true" allow="encrypted-media" allowfullscreen height="665" width="640" border="0" scrolling="no" frameborder="0" marginheight="0" marginwidth="0" src="https://www.jove.com/embed/player?id=61118&t=1&a=1&i=1&cap=1&s=1&language=Korean&fpv=1" ><p><a title="Studying Pre-formed Fibril Induced  $\alpha$ -Synuclein Accumulation in Primary Embryonic Mouse Midbrain Dopamine Neurons" href="https://www.jove.com/v/61118/studying-pre-formed-fibril-induced-synuclein-
```

Copy Embed Code

Show this article's:

- Title
- Author(s)
- Article Description
- Chapters
- Disable Autostart

동영상 삽입 시 포함 될 정보 선택

EMBED A JoVE VIDEO

PREVIEW:

1차 배아 마우스 중뇌 도파민 뉴런에서 사전 형성된 피브릴 유도 α -시뉴클레인 축적 연구

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

Chapters

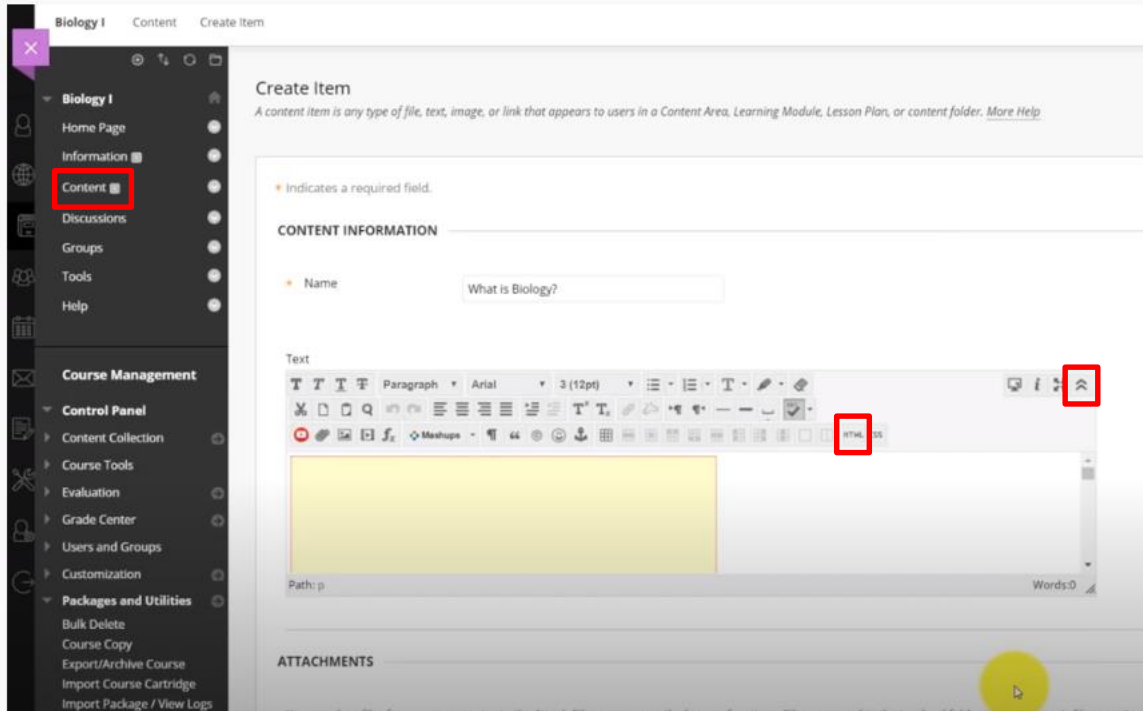
- 0:04 Introduction
- 1:11 Primary Embryonic Midbrain Culture Plate Preparation
- 1:53 Primary E13.5 Embryonic Midbrain Culture Setup

동영상 삽입 후 화면 미리보기

JoVE 콘텐츠 LMS(학습관리시스템) 활용 방법



Embed Code 이용해 LMS에 동영상 삽입



〈예시 - Blackboard〉
왼쪽 메뉴에서 Content 클릭
Build Content → Item 클릭

게시글 작성 메뉴 중 HTML 클릭한 후 새 창 뜨면 복사해온 Embed Code 붙여넣기하여 동영상 삽입

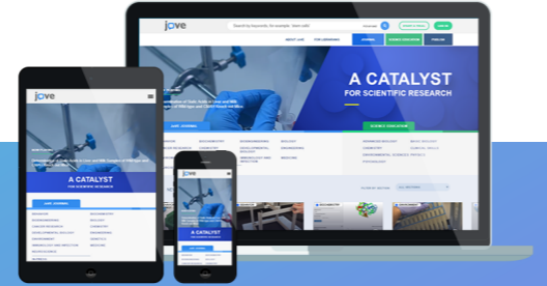
LMS 활용 관련 안내 자료

<https://www.jove.com/facultyresources/9>

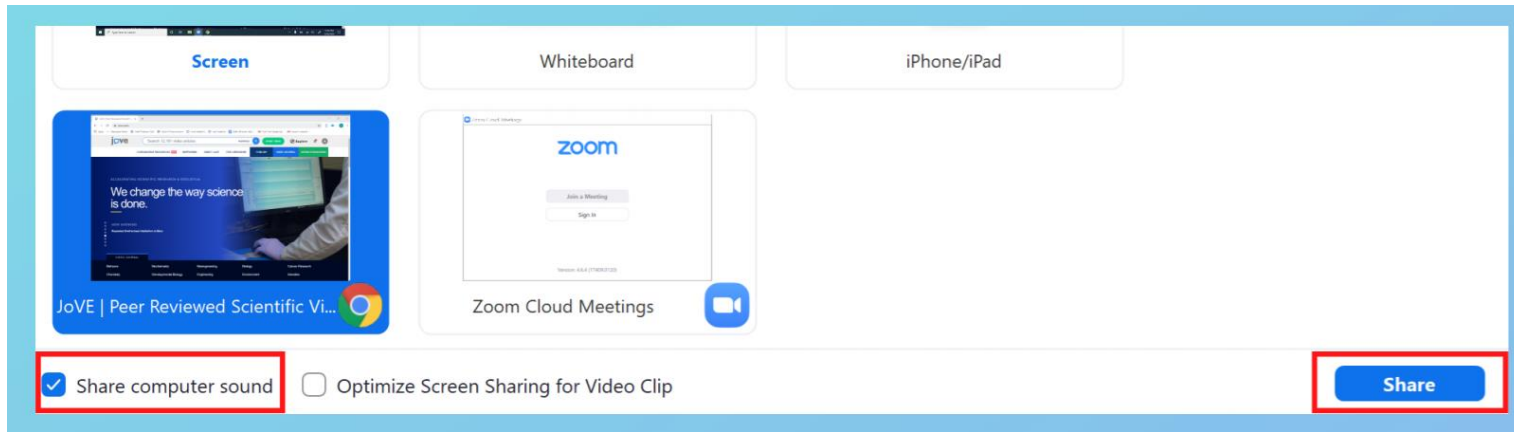
Embed Code 활용 튜토리얼 비디오
<https://www.jove.com/resources/institution>

<https://youtu.be/spSZLd9CxAw>

JoVE 콘텐츠 활용 원격수업 방법



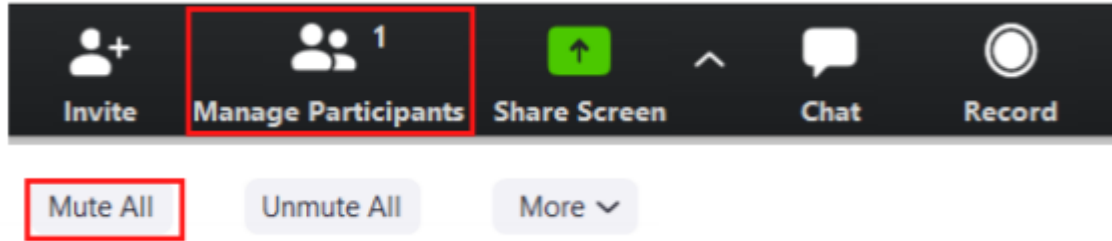
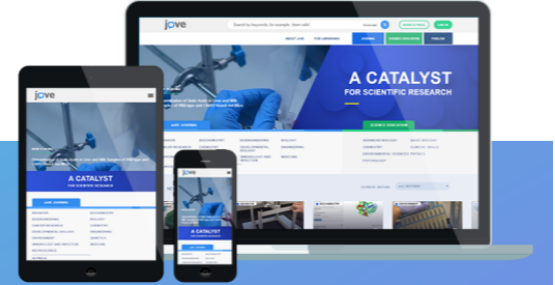
Teaching with JoVE on ZOOM



- JoVE 홈페이지에 기관 접속 또는 기관 이메일 계정으로 로그인 (콘텐츠 액세스를 위해)
- 수업에 활용할 비디오 콘텐츠 선택
- Zoom Meeting에서 화면 공유 - JoVE 비디오 창 선택하여 화면공유
- 컴퓨터 소리 공유도 체크 표시

JoVE 콘텐츠 활용 원격수업 방법

Teaching with JoVE on ZOOM



- 수업 참가자들의 소음을 차단하기 위해 Mute(음소거) All 클릭



Professor (Host, me)



- 수업을 위해 설명해야 할 때는 본인 Mute(음소거) 해제 후 설명

Syllabus-mapping 서비스 제공

수업에 필요한 콘텐츠를 찾고 계신가요?

수업 내용 또는 학과 커리큘럼을 보내주시면, JoVE 커리큘럼 전문 담당자(Curriculum Specialist)가 학과 또는 강의에 도움이 될 만한 비디오 콘텐츠를 선별하여 비디오 Playlist를 제공해 드립니다.

[Syllabus-mapping 문의]

Daniel Jeong (daniel.jeong@jove.com)

JoVE Sales Account Manager

<https://www.jove.com/syllabus-mapping>

The screenshot shows the JoVE website's syllabus-mapping page. The header includes the JoVE logo, a search bar with 12,266 video articles, and navigation links for Faculty Resource Center, COVID-19, Research, Education, Authors, Librarians, and About. A 'Back To Faculty Resource Center' link is also present. The main heading is 'Videos mapped to your courses and teaching labs', with a note: 'Don't see the course you teach here? Contact our Customer Success team to request a free syllabus mapping of JoVE videos to your course.' Below this is a grid of 8 course categories: Biology, Clinical Skills, Lab Courses, Engineering, Cognitive Sciences, Chemistry, Research Labs, and K-12.

Playlists - Biology

General Biology_1

By logging in or creating an account with your institutional email address, you can watch JoVE videos available through your institution's subscription. If your institution does not have a subscription, you can recommend JoVE to your librarian [here](#).

[Learn more about JoVE playlists](#)

Life, Matter, and Energy



Core: Biology

What is Biology?



Core: Biology

Levels of Organization



Core: Biology

The Scientific Method



Core: Biology

Inductive Reasoning



Core: Biology

Deductive Reasoning



Core: Biology

Correlation and Causation



Thank you!