Aline Frank, subject librarian for biology, University Library Bern
Coffee & Bit(e)s, 2nd June 2021
Journal of Visualized Experiments (JoVE)
What is it?

Overview
• Producer and provider of multidisciplinary video method articles
• Funded in 2006
• Largest scientific video journal
• Peer-reviewed, indexed in PubMed, WoS, Scopus & more
• Initially OA, since 2009 subscription-based hybrid journal

Numbers
• Currently >13,000 videos available, ~1,000 new videos per year
• ~10% Open Access
• On average 2,000 views per video
Aim and purpose

Why JoVE?

Goal
Videos intend to improve scientific research and education:
• enhance transparency and reproducibility.
• save time and money in research.
• enhance visibility.

Videos for two purposes
Research
filmed experiments, new research methods and technologies
⇒ JoVE Video Journal: Video method articles

Education
science concepts and laboratory methods for students courses
⇒ JoVE Science Education Library & more: Educational videos
What content is available at Uni Bern?
Sections licensed by UB plus OA content

**JoVE Research**
- Behavior
- Biochemistry
- Bioengineering
- Biology
- Cancer Research
- Chemistry
- Developmental Biology

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

Open Access content: ~10%
Some OA [COVID-19 procedures](#)

Focus on biomedical research and lab techniques

Check available content: [www.jove.com/access](http://www.jove.com/access)
JoVE Usage at University of Bern

Total page views
27th May 2018 – 27th May 2021

Increasing demand for videos in research and teaching?
How to access JoVE journal articles

Via publisher’s website
www.jove.com/journal
¬ Broad, rather imprecise search
¬ Useful to find educational videos

Via Scopus
www.scopus.com, search for topic and source title
¬ Specific search, filter options (e.g., for OA)

Via Browzine
www.browzine.org
¬ Search for specific years and issues
Research
How does a JoVE video article look like?

video (~10’)
plus
written article
Research

How does a JoVE video article look like?

video (~10’)

plus

written article
How to publish with JoVE

Publication process
Manuscript preparation and submission
Editorial review
Peer review
Video production
by JoVE videographers (or authors)
Publication and indexing

Costs
Regular publication fee: $1,400
(same for JoVE and author produced videos)
Additional costs for OA: + $2,500

www.jove.com/authors/publication
JoVE educational contents at Uni Bern

**Advanced Biology**

This collection provides an introduction to the field of neuroscience, exploring five major branches of study: neurophysiology; neuroanatomy; cell and molecular neuroscience; behavioral neuroscience; and developmental neuroscience.

**Developmental Biology**

This collection introduces the field of developmental biology and cover five areas: developmental genetics; molecular developmental biology; stem cell biology; organogenesis; and aging and regeneration.

**Genetics**

This collection focuses on genetics and incorporates five broad subdisciplines: the genetics of individuals and populations; genetics and disease, gene expression; epigenetics; and genetic engineering.

**Cell Biology**

This collection provides an overview of the field by looking at different cell structures and processes.

**Immunology**

This collection covers the techniques of immune system research.

**Microbiology**

This collection provides an introduction to the field of microbiology.
Support for lecturers

Faculty resource center
• Guides for setting up online courses and remote teaching with JoVE
• Assistance in finding the right videos for your courses: customersuccess@jove.com

Use a JoVE account
• Play lists
• Manage favorites
• Create quizzes

JoVE Blog
News, tips and tricks, also for teaching
www.jove.com/about/blog/
Summary

Pros and Cons

Why to use JoVE?
+ Learn and/or share experimental techniques
  → Save time and money
  → Enhance reproducibility
  → Enhance visibility of your research
+ High-quality video production
+ Useful videos for online teaching and training

Why not to use JoVE?
– Limited search and filter options
– Difficult to find educational content at the right level
– Costs for authors & libraries (double dipping)
– Unsolicited submission requests

There’s an ongoing debate whether or not JoVE may be seen as a predatory journal, e.g., on Academia and ResearchGate.
What else?

Alternative sources for scientific videos

Research
Several journals offer video formats:
• Current Protocols
• Journal of Medical Insight
• Nature Protocols: Protocol Exchange (preprint server for protocols, not peer-reviewed)

... and others

Education
flashMOOCs (Massive Open Online Courses), interactive teaching videos
→ cooperation with iLUB

YouTube channels, e.g., ProtocolExchange

Scientists’ and research institutions’ homepages
Thank you for your attention

Aline Frank, subject librarian for biology, University Library Bern
Coffee & Bit(e)s spring 2021

www.unibe.ch/ub/scienceLibrary
⇒ see «Coffee & Bit(e)» for lecture notes and video (uploaded within 1-3 days)