Science Education

JoVE Science Education is a feature-rich video database that enhances educational outcomes. Designed for use in traditional or flipped classrooms, Science Education is aimed at coaching the next generation of scientists on core techniques in chemistry, biology and multidisciplinary research. The JoVE Science Education database introduces essential laboratory methods including centrifugation, DNA gel electrophoresis, yeast maintenance and chick ex ovo culturing, among many others. Created specifically to complement laboratory science curricula, each Science Education collection is comprised of 15 introductory videos and 75 peer-reviewed application video articles.

Science Education offers seven collections:

1. General Laboratory Techniques
2. Basic Methods in Cellular and Molecular Biology
3. Essentials of Biology I: Yeast, Drosophila and C. elegans
4. Essentials of Biology II: Mouse, Zebrafish and Chick
5. Essentials of Neuroscience
6. Essentials of Developmental Biology
7. Essentials of Behavioral Science

Each collection features:

- Easy-to-understand videos introducing a different technique or instrument
- Dynamic animations to communicate complex biological processes
- Historical information about the development of each methodology
- Demonstrations of each technique by prominent scientists in the field
- Highlights of relevant applications of each technique and instrument
- Access to peer-reviewed research articles that demonstrate the application of each Science Education method

ABOUT JOVE

JoVE is the leading creator and publisher of video solutions that increase productivity in scientific research and education. JoVE has produced nearly 4,000 videos demonstrating experiments from laboratories at top research institutions delivered online to millions of scientists, educators and students worldwide. JoVE institutional subscribers comprise over 800 universities, colleges, biotech and pharmaceutical companies, including such leaders as Harvard, MIT, Yale, Stanford, Princeton and Caltech. Headquartered in Cambridge, Massachusetts, JoVE maintains offices throughout the United States, Europe, Asia and Australia.

Please visit www.jove.com, or call 617.945.9051 to learn more.