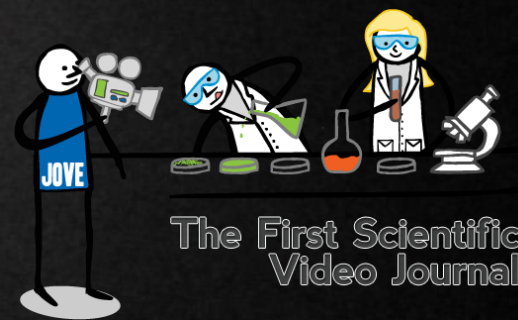


jove

**The World's Largest
Science Video Journal
& Educational Video Database**



JoVE User Guide

Contents



- 1 JoVE Journal sections**
- 2 JoVE homepage & menu**
- 3 JoVE Journal main page**
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1 JoVE Journal Sections



Biology



Neuroscience



Immunology



Dev. Biology



Medicine



Engineering



Chemistry



Environment



Bioengineering



Behavior

2 JoVE Homepage & Menu



The screenshot shows the JoVE homepage with the following elements and callouts:

- 1**: Search bar with the text "Search by keywords, for example: 'stem cells'".
- 2**: "Sign In" button.
- 3**: "JoVE Journal (Impact Factor 1.325)" section with a list of disciplines: Biology, Neuroscience, Medicine, Bioengineering, Engineering, Immunology and Infection, Chemistry, Behavior, Environment, and Developmental Biology.
- 4**: "JoVE Science Education" section with a list of disciplines: Basic Biology, Advanced Biology, Psychology, Environmental Sciences, and Chemistry.
- 5**: "Most Recent Journal Videos" section with a video thumbnail titled "Preparation of Rat Oligodendrocyte Progenitor Cultures and Quantification of Oligodendrogenesis Using Dual-wavelength Infrared Fluorescence Scanning".
- 6**: "Most Recent Science Education" section with a video thumbnail titled "Physical Properties Of Minerals II: Polymineralic Analysis".
- 7**: "Most Popular Video Articles" section with a video thumbnail titled "Agarose Gel Electrophoresis for the Separation of DNA Fragments".

HOMEPAGE & MENU

- 1 Keyword Search
- 2 Sign-In Button
- 3 Video Journal
- 4 Science Education DB
- 5 Recent Journal Video
- 6 Recent Science Edu
- 7 Popular Video Articles

3 JoVE Journal Main Page



Subscribe Recommend Publish Editorial Boards Testimonials About Welcome. Learn more about access or create an account.

Search by keywords, for example: 'stem cells' Search Sign In

Refine **1** **690 Video Articles** **2** 1 2 3 4 5 6 7 8 9 ... 69

3 **JoVE Neuroscience**

4

Containing Text

Filter by author or institution

Filter by publication date

Filter by section

Biology

Neuroscience

Immunology and Infection

Medicine

Bioengineering

Engineering

Chemistry

Behavior

Environment

Developmental Biology

Science Education

List

All JoVE Videos

JoVE Neuroscience is a multidisciplinary section devoted to investigations of the structure, function, and pathophysiology of the brain and nervous system. Included methodologies range from cellular level studies to full central and peripheral neural systems. Potential treatment platforms and surgical techniques for neurological diseases and disorders are also presented in this section.

High-Resolution Quantitative Immunogold Analysis of Membrane Receptors at Retinal Ribbon Synapses

Jun Zhang¹, Ronald S. Petralia², Ya-Xian Wang², Jeffrey S. Diamond¹

¹Synaptic Physiology Section, National Institute of Neurological Disorders and Stroke, **National Institutes of Health**. ²Advanced Imaging Core, National Institute on Deafness and Other Communication Disorders, **National Institutes of Health**

Quantification of Filamentous Actin (F-actin) Puncta in Rat Cortical Neurons

Hailong Li¹, Marina Aksenova¹, Sarah J. Bertrand¹, Charles F. Mactutus¹, Rosemarie Booze¹

¹Laboratory Program in Behavioral, Neuroscience, Department of Psychology, **University of South Carolina**

Imaging Membrane Potential with Two Types of Genetically Encoded Fluorescent Voltage Sensors

Sungmoo Lee^{1,2}, Hong Hua Piao², Masoud Sepheri-Rad², Arong Jung^{2,3}, Uhnna Sung², Yoon-Kyu Song^{1,4}, Bradley J. Baker²

¹Department of Transdisciplinary Studies, Graduate School of Convergence Science and Technology, **Seoul National University**. ²Center for Functional Connectomics, **Korea Institute of Science and Technology**. ³College of Life Sciences and Biotechnology, **Korea University**. ⁴Advanced Institutes of Convergence Technology

JoVE JOURNAL MAIN PAGE

- 1** Number of Published Videos
- 2** Page Buttons
- 3** Current Subscribed Sections and Search Filters
- 4** The Most Recent Video Articles

FILTER SEARCH RESULTS

- Filter by Section
- Filter by Publication Date
- Filter by Authors or Institutions
- Search by Keywords

4 JoVE Video Journal Page



The screenshot shows a JoVE article page for "One-day Workflow Scheme for Bacterial Pathogen Detection and Antimicrobial Resistance Testing from Blood Cultures". The page includes a navigation bar with "Subscribe", "Recommend", and "Publish" buttons, and a search bar. The article title is highlighted with a red dashed box and callout 1. Below the title, the authors' names are listed, also highlighted with a red dashed box and callout 1. A "Downloads" button is highlighted with a red dashed box and callout 2. The video player is highlighted with a red dashed box and callout 3, showing a chapter selection menu with time markers: 0:05 Title, 1:23 Pathogen Identification from Blood Cultures, 3:50 Antibiotic Susceptibility Testing, and 8:15 Conclusion. A "Related Videos" section is highlighted with a red dashed box and callout 4, listing four related videos with their titles and publication dates. The "Summary" section is visible at the bottom left, starting with "The design of a straightforward one-day workflow scheme for bacterial pathogen diagnostics enables the rapid recognition of bloodstream infections..."

JoVE VIDEO JOURNAL PAGE

- 1 Clicking on a name displays author's publication history
- 2 Download article as PDF
- 3 Article chapter selection
- 4 List of related videos

5 JoVE Video Structure



ABSTRACT



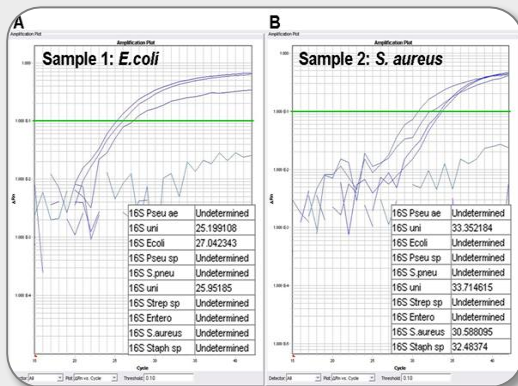
INTRODUCTION



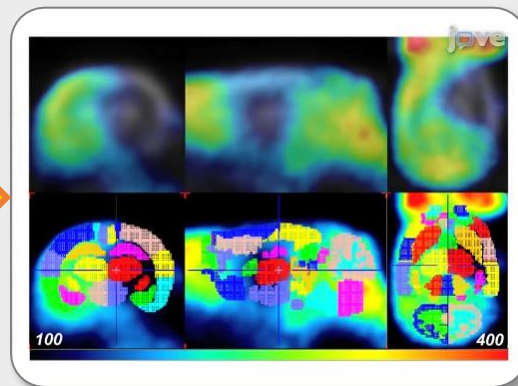
PROTOCOL



RESULTS



DISCUSSION



Citation & Indexing

JoVE video articles are widely cited and indexed in Medline, PubMed, Web of Science, ChemAbstracts, SciFinder, Scopus, etc...

6 Contact JoVE Office



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