

■ 本誌の概要

2006年に創刊された世界で初めてのビデオ学術誌です (ISSN: 1940-087X)。

生物学、医学、化学、物理などの研究分野をカバーし、文章だけでは理解が難しかった実験方法や技術を、動画で分かりやすく表現します。

論文は権威ある編集者によってピアレビューされ、PubMedにも索引されています。

多くの論文はアクセプト後に、JoVEの専門スタッフが、ビデオ収録・ナレーション・イラスト動画等の作成作業を担当し、高い品質を保っています。

導入メリット①

実験の再現性向上

導入メリット②

手技の早期習得

導入メリット③

コスト・時間の削減

■ 提供分野 (セクション) :

Biology	1,827本
Neuroscience	850本
Immunology and Infection	722本
Medicine	951本
Bioengineering	588本
Engineering	282本
Chemistry	247本
Behavior	223本
Environment	138本
Developmental Biology	274本
Genetics	73本
Biochemistry	103本
Cancer Research	54本

*左記本数は2017年8月現在のものです。

*論文総数は6,085本で毎月約100本追加されています。

*セクション間で論文の重複はありません。

■ 構成 :

一つのビデオ論文が主に4パート (動画抄録、著者紹介、実験手順、結果) で構成され、それらの内容にそったテキストを収録

*生物学、医学、化学、物理学の分野に携わる著者、約16,000人のビデオ論文を掲載しています。

■ 無料トライアル : 1ヶ月間 (企業は14日間)

■ 提供形態 :

*IPアドレス認証

*キャンセル後は購読年分のみアクセスが可能

*セクションごとに契約可能

●収録セクション●

Biology	生物学	Cell Signaling Pathways and Cell Communication/ Bioinformatics/ Gene Sequencing/ Cellular and Molecular Imaging/ Cellular and Genetic Therapeutics/ In vivo and in vitro Models of Disease/ Protein Interactions and Kinetics/ Metabolism/ Models of Aging
Neuroscience	神経科学	Cellular and Molecular Neurobiology/Systems Neuroscience/Development and Neural Plasticity/ Neurobiology of Disease/Electrophysiology/Neurogenesis and Neural Stem Cells/Neurosurgery and Neuroimaging/Spinal Cord Injury Models/Neurotransmitters and Neuronal Cell Signaling
Immunology and Infection	免疫学・感染症学	Microbiology/ Immunology/ Allergic Diseases/ Immune Cell Development and Autoimmune Diseases/ Pathogenic Bacteria, Fungi, Parasites, Viruses, and Infectious Prions/ In vitro and in vivo Modeling of Pathogenesis/ Global Health Studies/ Epidemiological Techniques
Medicine	医学	Internal Medicine/ Clinical Trials/ Animal Models of Disease/ Surgical Subspecialties (Cardiothoracic, Neuro, Orthopedic, Oral and Maxillofacial, Transplant, etc.)/ Clinical Teaching Resources/ Human Physiology/ Oncology/ In vivo Imaging Techniques (Ultrasound, CT, PET, MRI)
Bioengineering	生体工学	Tissue Engineering/ Biosensors/ Bio-imaging Techniques and Equipment/ Cell Topography/ Therapeutic Materials/ High Throughput Analysis/ Microfluidics/ Synthetic Substrates and Materials for Bio-applications/ Robotic Therapeutics
Engineering	工学	Device Fabrication/ Electronic Systems/ Optics and Photonics/ Applied Mechanics/ Materials Science/ Advanced Manufacturing
Chemistry	化学	Structural Characterization/ Electronic Spectroscopy/ Nuclear and Electronic Characterization (NMR, EPR, etc.)/ Electrochemistry/ Molecular Kinetics/ Mass Spectrometry/ Synthesis and Purification/ Column Chromatography/ Synthetic Biology/ Structural Biology
Behavior	行動学	Cognitive Neuroscience/ Cognition (Attention, Reasoning, Decision Making)/ Virtual Reality and Perception/ Sexual and Motivational Behaviors/ Social Awareness and Interactions/ Learning and Memory/ Sleep and Circadian Rhythms/ Linguistics/ Addiction/ Emotion/ Control of Movement/ Consciousness
Environment	環境学	Alternative Energy Sources/ Biofuels/ Green Chemistry/ Environmental Engineering/ Ecology/ Marine Biology/ Oceanography/ Soil and Agricultural Sciences/ Ecotoxicology and Ecological Health/ Forestry and Botany/ Atmospheric Sciences and Geoscience
Developmental Biology	発生生物学	Gametogenesis and Fertilization/ Embryogenesis/ Morphogenesis and Organogenesis/ Stem Cell Biology and Nuclear Reprogramming/ Regeneration and Repair/ Mechanisms of Differentiation/ Genetic and Epigenetic Control of Development/ Evolutionary Developmental Biology/ Aging and Senescence
Genetics	遺伝学	Gene Discovery and Genetic Screens/ Gene Regulation, Function, and Expression/ DNA Replication, Repair, and Recombination/ Chromosome Biology and Genome Organization/ Epigenetics/ Evolutionary Genetics/ Sequencing Technologies/ Comparative and Functional Genomics/ Medical Genetics and Gene Therapy
Biochemistry	生化学	Biomolecule Structure and Function/ Cellular Metabolism/ Lipid and Membrane Biochemistry/ Protein-protein and Protein-nucleic Acid/ Interactions/ Protein Folding, Modification, and Enzymology / Bioseparation and Purification
Cancer Research	がん研究	Oncogenesis and Tumor Suppression/ Tumor Angiogenesis and Host-tumor Interactions/ Mutagenesis and Metastasis of Cancer Cells/ Cancer stem cells/ Cancer biomarkers/ Cancer Epigenetics, Genetics, and Genomics/ In vivo and In vitro Tumor Models/ Tumor Imaging/ Cancer Therapeutics and Surgical Oncology