



## Biología Molecular

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## Bioquímica:

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#### Química/Nanotec.

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## Neurologia:

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## Neurofisiologia:

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## Lesão cerebral:

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Fugus:

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Biologia Estrutural

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Cancer:

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Cancer therapy:

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skeletal muscle:

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HIV/CD4:

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Drug discovery:

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Vaccine:

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<http://www.jove.com/video/2762/isolating-nasal-olfactory-stem-cells-from-rodents-or-humans>

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<http://www.jove.com/video/3336/imaging-odor-evoked-activities-mouse-olfactory-bulb-using-optical>

<http://www.jove.com/video/2976/calcium-imaging-odor-evoked-responses-drosophila-antennal>

#### Immunology:

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#### T Cells:

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#### Peixe:

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## Behavior:

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<http://www.jove.com/video/50324/using-chronic-social-stress-to-model-postpartum-depression-lactating>  
<http://www.jove.com/video/2705/the-successive-alleys-test-of-anxiety-in-mice-and-rats>  
<http://www.jove.com/video/50336/use-operant-orofacial-pain-assessment-device-opad-to-measure-changes>  
<http://www.jove.com/video/2608/shallow-water-paddling-variants-of-water-maze-tests-in-mice>  
<http://www.jove.com/video/50212/how-to-detect-amygdala-activity-with-magnetoencephalography-using>  
<http://www.jove.com/video/4375/perceptual-category-processing-uncanny-valley-hypothesis-dimension>  
<http://www.jove.com/video/50283/best-current-practice-for-obtaining-high-quality-eeeg-data-during>  
<http://www.jove.com/video/50358/creating-dynamic-images-short-lived-dopamine-fluctuations-with-lp>  
<http://www.jove.com/video/50602/simultaneous-scalp-electroencephalography-eeeg-electromyography-emg>  
<http://www.jove.com/video/4367/the-resident-intruder-paradigm-standardized-test-for-aggression>  
<http://www.jove.com/video/50849/an-alternative-to-traditional-cold-pressor-test-cold-pressor-arm>  
<http://www.jove.com/video/50780/using-eye-movements-to-evaluate-cognitive-processes-involved-text>  
<http://www.jove.com/video/50893/training-synesthetic-letter-color-associations-by-reading-in-color>

## Comportamento/ Ecologia:

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<http://www.jove.com/video/3173/using-comparative-species-approach-to-investigate-neurobiology>  
<http://www.jove.com/video/2374/automated-interactive-video-playback-for-studies-animal>  
<http://www.jove.com/video/2613/hyponeophagia-a-measure-of-anxiety-in-the-mouse>  
<http://www.jove.com/video/50229/vertical-t-maze-choice-assay-for-arthropod-response-to-odorants>  
<http://www.jove.com/video/50324/using-chronic-social-stress-to-model-postpartum-depression-lactating>  
<http://www.jove.com/video/3685/a-fully-automated-highly-versatile-system-for-testing-multi-cognitive>  
<http://www.jove.com/video/2473/assessment-of-social-interaction-behaviors>  
<http://www.jove.com/video/3300/t-maze-forced-alternation-left-right-discrimination-tasks-for>

## Perception:

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<http://www.jove.com/video/2492/one-dimensional-turing-like-handshake-test-for-motor-intelligence>  
<http://www.jove.com/video/3358/creating-objects-object-categories-for-studying-perception-perceptual>

<http://www.jove.com/video/3307/cross-modal-multivariate-pattern-analysis>

<http://www.jove.com/video/50336/use-operant-orofacial-pain-assessment-device-opad-to-measure-changes>

#### Citometria de Fluxo:

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<http://www.jove.com/video/3655/locked-nucleic-acid-flow-cytometry-fluorescence-situ-hybridization>

<http://www.jove.com/video/3491/analysis-of-cell-cycle-position-in-mammalian-cells>

#### Mass Spectrometry:

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<http://www.jove.com/video/2664/characterizing-bacterial-volatiles-using-secondary-electrospray>

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<http://www.jove.com/video/50635/matrix-assisted-laser-desorption-ionization-time-flight-maldi-tof-mass>

#### MRI:

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<http://www.jove.com/video/3956/the-use-pharmacological-challenge-fmri-pre-clinical-research>

<http://www.jove.com/video/2497/multiple-mouse-neuroanatomical-magnetic-resonance-imaging>

#### Bioengenharia:

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<http://www.jove.com/video/3252/video-rate-scanning-confocal-microscopy-and-microendoscopy>

#### Biomaterials:

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<http://www.jove.com/video/3981/evaluation-biomaterials-for-bladder-augmentation-using-cystometric>

#### Engenharia de Tecido:

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<http://www.jove.com/video/3366/directed-cellular-self-assembly-to-fabricate-cell-derived-tissue>

#### Ambiental:

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Ovelha:

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