Version 1

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Examples of protocols on protocols.io from different disciplines V.1

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ABSTRACT

We warmly welcome all research methods. While the origin of the platform was more biology/wetlab, we expanded to support all fields when we partnered with PLOS ONE in 2017.

There is now a diverse spectrum of research methods that are shared on protocols.io, including molecular biology, computational, human, medical, psychology, geosciences, political science, and other. We also have many guidelines, best practices, and teaching documents on protocols.io - all of these are appropriate.

Below you will find some examples from different disciplines. Please note that this is just a subset from over 12,000 public protocols on the platform.

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PROTOCOL CITATION

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68391

Molecular Biology

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- www.protocols.io/view/mcscrb-seq-protocol-p9kdr4w
- www.protocols.io/view/monkeypox-virus-multiplexed-pcr-amplicon-sequencin-5qpvob1nbl4o/v2
- www.protocols.io/view/human-liver-caudate-lobe-dissociation-for-scrna-se-q26g77j1gwz1/v2

Medical/trials

2
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Archeology

3
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Computational/software/data-related workflows

4
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- https://www.protocols.io/view/processing-single-cell-calling-card-sequencing-dat-4phgvj6
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- https://www.protocols.io/view/assessing-sequence-quality-in-galaxytrakr-bdvfi63n (part of FDA's GenomeTrakr group)
- https://www.protocols.io/view/gas-chromatochraphic-detection-of-sesquiterpenoids-kj2cuqe
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Ecology

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- https://www.protocols.io/view/personality-assessment-protocol-m68c9hw
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Animal behavior

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- https://www.protocols.io/view/Preparing-flies-for-Buridan-s-Paradigm-c7vzn5

Genomic/sequencing

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Device/instrumentation/experiment setup

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- www.protocols.io/view/assembly-instructions-for-colosseum-261ge422dv47/v2
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- www.protocols.io/view/method-for-bench-testing-speculum-and-or-speculum-hrhb536
- https://www.protocols.io/view/optoplate-calibration-protocol-bivmke46 (optogenetics)
- https://www.protocols.io/view/light-dark-preference-test-for-adult-zebrafish-dan-srfed3n (with diagrams and video; also behavior)
- https://www.protocols.io/view/headbar-implantation-bcrsiv6e
- https://www.protocols.io/view/assembling-led-controller-electronics-bdiai4ae (very detailed diagrams; part of this collection)
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- https://www.protocols.io/view/optogenetically-stimulating-enteric-neurons-in-the-bgr9jv96 (optogenetics)

Reviews and meta-analysis

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Chemistry

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