




Version 2 ▼

Aug 29, 2022

# 🌐 Examples of protocols on protocols.io from different disciplines V.2

protocols.io team<sup>1</sup><sup>1</sup>protocols.io

1 Works for me

 Share[dx.doi.org/10.17504/protocols.io.4r3l2odzpv1y/v2](https://dx.doi.org/10.17504/protocols.io.4r3l2odzpv1y/v2)[protocols.io news](#)**Lenny Teytelman**  
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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](https://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](https://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.

## DOI

[dx.doi.org/10.17504/protocols.io.4r3l2odzpv1y/v2](https://dx.doi.org/10.17504/protocols.io.4r3l2odzpv1y/v2)

## PROTOCOL CITATION

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## Molecular Biology

- 1
  - [Micropatterning EM grids for cryo-electron tomography of cells](#)
  - [Engineering brain assembloids to interrogate human neural circuits](#)
  - [High quality DNA from Fungi for long read sequencing e.g. PacBio V.11](#)
  - [mcSCRB-seq protocol V.2](#)
  - [Monkeypox virus multiplexed PCR amplicon sequencing \(PrimaSeq\) V.2. V.2](#)
  - [Human Liver Caudate Lobe Dissociation for ScRNA-seq V.2](#)

## Medical/trials

- 2
  - [MELD Protocol 1 - Patient and Control Inclusion in the MELD Project V.1](#)
  - [Acceleration of small bowel motility after oral administration of dai-kenchu-to \(TJ-100\)...](#)
  - [Does Perineural Clonidine Prolong the Duration of an Adductor Canal Block When...](#)
  - [Repeat multiparametric MRI in prostate cancer patients on active surveillance V.1](#)
  - [Digitally Enhanced Recovery: Investigating the Use of Digital Self-Tracking for...](#)

## Archeology

- 3
  - [Stone Tools Illustrations with Vector Art: The 'STIVA' Method V.2](#)
  - [StyroStone: A protocol for scanning and extracting three-dimensional meshes of stone artefacts...](#)
  - [Small Object and Artefact Photography - 'SOAP' Protocol V.3](#)
  - [Version 2 Mar 09, 2022 High Resolution "DIY" Photogrammetry - 'HRP' Protocol V.2](#)
  - [An archaeological experiment focused on the intuitive way of long bones breakage...](#)
  - [Tracing long-term demographic changes: The issue of spatial scales](#)
  - [Dental Calculus Field-Sampling Protocol \(Sabin version\) V.1](#)

## Computational/software/data-related workflows

- 4
  - [Assembly Procedure Applied to TARA Oceans Data \(Ex. North Pacific\)](#)
  - [Processing Single Cell Calling Card Sequencing Data](#)
  - [Protocol for a reproducible circRNA analysis using Docker4Circ V.4](#)
  - [Mathematical models for understanding the genetic diversity of the new coronavirus...](#)
  - [Creating Tensor Maps](#)
  - [Phenotyping 3D coral models in MeshLab](#)
  - [Assessing sequence quality in GalaxyTrakr V.2 \(part of FDA's GenomeTrakr group\)](#)
  - [Gas chromatographic detection of Sesquiterpenoids in Dodecane using Perkin Elmer GC 580](#)

- [Molecular Docking - An easy protocol](#)
- [Applying vContact to Viral Sequences and Visualizing the Output \(Cyverse\) V.5](#)

## Ecology

- 5
  - [Field survey of the population dynamics of common ragweed \(\*Ambrosia artemisiifolia\*\) V.2](#)
  - [Estimation of viral-induced phytoplankton mortality using the modified dilution method](#)
  - [Fingerprinting aquatic virus communities using pulsed field gel electrophoresis \(PFGE\)](#)
  - [Modeling ecological drivers in marine viral communities using comparative metagenomics...](#)

## Psychology

- 6
  - [Experimental procedure of Household Activities and Physical Activity](#)
  - [Personality assessment protocol V.2](#)
  - [Acceptance of Different Design Exergames in Elders V.3](#)
  - [Conducting Online Research With Infants](#)

## Animal behavior

- 7
  - [Active Avoidance protocol 01282020](#)
  - [Insulin Tolerance Test in Mouse](#)
  - [Pelvic nerve implantation, testing and processing in awake rats](#) (collection)
  - [Elevated Plus Maze](#)
  - [Open Field Test](#)
  - [Hot Water Tail Immersion Test V.1](#)
  - [Octopus social tolerance experiment](#)
  - [Preparing flies for Buridan's Paradigm](#)

## Genomic/sequencing

- 8
  - [mcSCRB-seq protocol V.2](#)
  - [Viral to metazoan marine plankton nucleotide sequences from the Tara Oceans expedition](#)
  - [Select, load, annotate, normalize, and process toxicogenomic raw data from GEO and ArrayExpress](#)
  - [The pipeline of assembly and annotation V.1](#) (part of a [collection](#))
  - [SARS-CoV-2 Genomic Variation - African perspective](#)
  - [De novo transcriptome assembly workflow](#)

## Device/instrumentation/experiment setup

- 9
  - [Assembly Instructions for colosseum V.2](#)
  - [Functional calibration for trunk and lower limb fixed inertial sensors V.2](#)
  - [Method for Bench Testing Speculum and/or speculum-alternatives in a Vaginal Phantom](#)
  - [OptoPlate Calibration protocol](#) (optogenetics)
  - [Light/dark preference test for adult zebrafish \(\*Danio rerio\*\) V.2](#) (with diagrams and video; also behavior)
  - [Headbar implantation](#)
  - [Assembling LED Controller Electronics V.4](#) (very detailed diagrams; part of [this collection](#))
  - [Radius of Curvature Measurements to Determine Best Location for Fresh Osteochondral](#)

#### [Allograft...](#)

- [EIT data acquisition in rat sciatic nerve using stimulation of tibial and peroneal branches](#) (rat nerve imaging)
- [Building up chemostats for experimental eco-evolutionary studies V.2](#)
- [High throughput pipette-tip hydroponics for collecting salt stress samples for RNA-seq](#)
- [Intravenous Jugular Catheterization for Rats V.1](#)
- [Marchantia high throughput imaging in multiwell plates V.2](#)
- [3 Pre-imaging Setup for High Resolution AFM in Fluid](#)
- [Spatial metabolomics of in situ, host-microbe interactions...](#)
- [FLAVONOID PROFILING BY LIQUID CHROMATOGRAPHY COUPLED TO...](#)
- [ARMS\\_partB\\_Assembly](#)
- [Laboratory calibration of soil moisture sensors in porous media \(repacked soils\) V.2](#)
- [Simultaneous Sentek and ML3 calibration](#)
- [Optogenetically stimulating enteric neurons in the murine large intestine](#) (optogenetics)

#### Reviews and meta-analysis

- 10
- [The anxiolytic effect of probiotics: A systematic review and meta-analysis of the clinical and preclinical literature](#)
  - [Systematic review and meta-analysis of Mendelian randomisation studies on modifiable risk factors...](#)
  - [Exploration of rehabilitation through the use of virtual reality interventions for patients with...](#)
  - [Consistency in Identity Related Sequential Decisions V.2](#)

#### Chemistry

- 11
- [Consistency in Identity Related Sequential Decisions V.2](#)
  - [Bubble strip aqueous gas sampling V.4](#)
  - [Ligand docking using Patchdock for Biochemistry I](#)
  - [Standard Operating Procedure \(SOP\) for the Analysis of  \$\alpha\$ -Cypermethrin...](#)
  - [Synthesis of fluorinated neonicotinoids](#)
  - [\(-\)- \$\alpha\$ -Bisabolol GC sample preparation](#)