

MATRR Data Sharing Policies and Procedures.

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The following data sharing policies and procedures were developed in conjunction with the MATRR Scientific Advisory Board (SAB). They are intended to provide broad governance guidelines to MATRR users regarding data sharing, publication, and conflict resolution. Users will be provided notice to changes in this document within 30 days of enforcement of those changes.

General data expectations and MATRR obligations

- a. Accepting the terms in this document indicates a binding agreement with MATRR administrators and staff. Data sharing, use and privacy statements are intended to protect the interests of both collaborators and stakeholders. It is a privilege to be included in the MATRR project and to receive tissue resources, but this comes with the responsibility to return data products in a timely manner. Some individuals may not wish to participate under this condition.
 - b. Data sharing policies will be drafted by the PIs in consultation with the SAB. Community stakeholders will have an open period to comment on the proposed policy changes. The PI and SAB will make an effort to address the issues raised in the final revised policy.
 - c. Data will be provided as a resource in a similar manner to tissue. Requests for data deemed private or non-public will be made through a formal request process.
 - d. MATRR will make every effort to provide protocol documentation referencing the data that will be provided, including a list of expected data fields to be acquired, and a data dictionary defining each of these fields at the time of request approval.
 - e. MATRR will make every effort to annotate appropriate data fields to an existing ontology, either disease ontology, human phenotype ontology, vertebrate trait ontology and or mammalian phenotype ontology.
 - f. MATRR staff will provide assistance to investigators where appropriate to define and condense data in order to provide common correlation across individuals.
- 2) Time lines for data Submission
- a. Data submission is expected within 6 (six) months of tissue or data shipment.
 - b. All data submissions are considered public unless otherwise negotiated by the investigator.
 - c. Publication embargos are acceptable; however, if timelines are not adhered to, the data will be made public. Request for extended embargo must have the approval of the EAB and or program staff.
 - d. Failure to adhere to a deadline will result in denial of further tissue requests.
 - e. Deadlines are retroactively applied—that is if data from past cohorts are not immediately provided, then a request for embargo must be made.
- 3) Some data is critical to the utility of the resource and may have special considerations.
- a. Gene expression data and anatomical structure volumes are generally useful and should be collected systematically using the best available technology and made immediately available to consortium members.

- b. Major drinking measures and drinking classification will be available to all participants.
 - c. Genotype data and relationships among individuals inferred from genotypes and will be available to all participants.
 - d. Critical data should ideally be collected under a contract directed by the MATRR PIs or program staff. Targeted collaborations may be necessary to ensure that key data resources are generated and made available in a timely manner, and the PIs should be proactive in developing these collaborations and helping to secure independent funding.
 - e. Publication of the drinking characteristics, gene expression and co-expression networks, and genetic architecture of the colony should be carefully planned and completed in a timely manner.
- 4) Publications
- a. Publications promoting the availability, global analysis and utility of the data resources should originate from the MATRR PIs, including
 - i. Global analysis of the biology of drinking behavior and its correlation to other biobehavioral traits.
 - ii. Genomic and genetic data analysis in the MATRR/GeneNetwork instance.
 - b. Major integrative studies should include the PIs at their discretion.
 - c. Authorship conflict resolution will be mediated by a request to the MATRR PI. This request will be forwarded to the EAB to provide binding resolution within 14-days. Consortial co-authorship may be a practical resolution.
 - d. The MATRR resource should be cited using Daunais, *et al*, 2014, *Monkey alcohol tissue research resource: banking tissues for alcohol research*, ACER. .
 - e. All publications using MATRR resources and data should cite the MATRR grant funding, whether or not a MATRR PI is a co-author on the manuscript.
- 5) Handling collisions
- a. To avoid duplication of effort and competition among recipients, use of tissues must be disclosed to the MATRR PIs and amended as needed.
 - b. All tissue requests will have a finite end point to allow subsequent projects, perhaps taking advantage of new technologies and expertise to commence. This is covered by MATRR progress reports.
 - c. Productive projects will not be terminated until adequate sample sizes have been obtained, provided that the work is in compliance with the data sharing and reporting policies.
 - d. Conflict resolution will be mediated by the SAB in conjunction with MATRR administrators.
 - i. Special consideration may be desirable for early stage investigators to allow continuation of work despite subsequent collisions from established investigators who may have access to better resources and technologies.
 - ii. Where possible collaboration should be encouraged to ensure the best technologies, expertise and data acquisition methods are in use.
- 6) Facilitating translational research.

- a. Cross species data integration is an important aspect of MATRR and related INIA work. Genomics data provides a powerful point of integration across species, and platforms like GeneNetwork, GeneWeaver and NIF provide a point of entry.
 - b. All data in these resources contributed by MATRR and INIA will be made immediately available to collaborators and if possible the larger alcohol research community.
- 7) Image data storage and distribution.
- a. Image data are of great interest. The OMERO system or comparable environments will be used to support central image repository for the MATRR