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Angela Eldridge, Grants Management Specialist, [ae49K@nih.gov](mailto:ae49K@nih.gov)

Edward Ramos, Program Official, [ed.ramos@nih.gov](mailto:ed.ramos@nih.gov)

RE: Carryover request from year 1 to year 2 - 1U01EB023686 “Methods and Software to Enhance Genomic Privacy and Sharing of RNA-Seq Data

Dear Ms. Eldridge and Mr. Ramos,

We request carryover of funds from year 01 to year 02 in the amount of $129,102 in total costs (Yale $108,704, and The Regents of the Univ. of CA-Berkeley $20,398). As we stated in our last submitted progress report, we anticipated carry forward. This is mainly related to administrative issues, i.e., the first year is funded for nine months, as opposed to 12, even though we got full budget. Also, it took quite a while to set the grant up at Yale and subsequently to get our sub-contract set up at Berkeley. Scientifically, we feel that carrying the money forward make sense, since we are initially focusing on the formalism, but we anticipate needing more work with software development for the latter stages of the grants involving practical file formats, particularly after we get some feedback from our initial interaction with consortia such as GA4GH and various journals or repositories.

The carryover balance will be used in year 02 mainly for development of databases and software tools. We are expecting some of the cost also to be spent on data storage that we will use to store the data and test the new file formats we are currently developing. We are also foreseeing that some funding may be necessary for accessing some of the proprietary databases as well as cloud resources to test our software packages.

Questions to be answered:

**There appears to be some costs that may generate recurring costs?  If so, please explain how these costs will be paid for in the future.**

**What part of the research/AIMS couldn’t get done within the 9 month period that is an immediate need?**

Berkeley:

Dr. Brenner is requesting carry-forward of due entirely to the late set up of the sub-award. The carryover balance will be used for salaries and fringe, travel, supplies and publication costs.

We are including a detailed budget, and budget justification for the carryover

Yours sincerely,



Mark Gerstein, PhD

Williams Professor of Biomedical Informatics,  
Molecular Biophysics & Biochemistry,  
and Computer Science  
  
Co-Director of the Center for Biomedical Data Science and the Program in Computational Biology & Bioinformatics