

RPPR INSTRUCTIONS

For U54 Grants That Support Pilot Centers for Precision Disease Modeling

Introduction and Rationale. Please see the Introduction and Rationale at the beginning of the section on RPPR instructions. The information suggested below does not replace the narrative sections of the RPPR. Please include the following specific information in the RPPR for the Pilot Center U54 grant:

In Section C.5.a, “Other Products” of the RPPR, include Items 1-3 (and subparts), as applicable for the reporting period:

1. For animal colonies or strains of animals generated by the Center.

- A. The number of strains and species of animals at the Center as of the date of the report.
- B. The number of cryopreserved/archived strains in the resource. Break down the number of strains cryopreserved/archived by total at the end of the reporting period and those generated by the Center during the reporting period.
- C. Generation of new animal strains: Report the number of new animal strains generated by the Center during the current reporting period.

Suggested format for items 1- A, B and C:

Species Name/ Common Name	Total number of strains	Total number of cryopreserved/archived strains in the Center	Total number of new strains generated by the Center during the reporting period	Total number of new strains cryopreserved/archived during the reporting period	Number of animal strains tested as a disease model
Example 1: <i>Mus musculus</i> / House mouse	150	100	25	20	5
Example 2: <i>Macaca mulatta</i> / Rhesus macaque	Not applicable	0	Not applicable	0	Not applicable

D. Distribution of animals or strains. Report the number of animals and/or different strains distributed during the reporting period, by species.

Suggested format for Item 1-D:

Species Name/ Common Name	Number of requests fulfilled	Number of animals distributed, by species	Number of different strains distributed
Example: Total Requests (Species name is not relevant for total number of requests fulfilled)	500	Not applicable	Not applicable
Example: <i>Mus musculus</i> / house mouse	400	2000	50
Example: <i>Mus spretus</i> /Algerian mouse	100	100	1

2. For Centers that generate/offer biological materials.

Note that a Center may distribute both animals (as listed in Item 1 above) and biological materials.

- A. The number of items in the collection as of the date of the report, broken down by category (e.g., clones, antibodies, tissues, germ plasm, etc.) and by species. This does not refer to the number of vials or aliquots of an item; e.g., 100 vials of rat IgG = 1 item; 100 monkey kidneys = 1 item. The grantee has the option of reporting these specifically, e.g., anti-CD4, mouse T cells, etc., or simply by category, e.g. antibodies, mouse cells, etc.
- B. Number of new items generated for the last reporting period, broken down by category (e.g., clones, antibodies, tissues, germ plasm etc.) and by species. This does not refer to the number of vials or aliquots of an item; e.g., 100 vials of rat IgG = 1 item; 100 monkey kidneys = 1 item. The grantee has the option of reporting these specifically, e.g., anti-CD4, mouse T cells, etc., or simply by category, e.g. antibodies, mouse cells, etc.
- C. The number of orders fulfilled for each item during the reporting period. If an order contains multiple types of the same item (e.g., multiple different types of antibodies), report this as one order. If an order requires different classes of items, e.g., antibodies and clones, list each as a distinct order.

Suggested format for Items 2 – A through C:

Category / Species	Number of items in the collection	Number of new items generated for the last	Number of requests fulfilled

		reporting period	
Example: Antibodies / <i>Mus musculus</i>	100	10	5
Blood samples / <i>Mus spretus</i>	20	5	1
Category 2/ Species 2 Etc.			

3. For Centers that offer animals/biomaterials/services.

A. Services:

For those Centers with a service component: Report a brief list of free or fee-based services, if not covered above. If a single phrase does not suffice to describe the Service, you can provide a few sentences of description. Indicate if this is a new service added in the reporting period.

Suggested format for Item 3-A:

Service / brief description	New: yes / no
Example: Cryopreservation of mouse embryos.	No
Example: Testing drug effect in a specific disease model	Yes
Etc.	

B. Users of the Center's animals/biomaterials/services.

Report: The number of users that received animals/biomaterials/services during the reporting period, broken down by Institution and Country.

Suggested format for Item 3-B:

Institution/Country	# of Users
Example: Harvard University /USA	25
Example: Cambridge University /United Kingdom	3
Institution 3, etc.	

C. Number of Publications.

Report: The number of articles, in various categories, published during the reporting period.

Do not include: articles in preparation or in press, abstracts or book chapters. In all cases, report only those peer-reviewed publications directly attributable to the resource grant in accordance with the NIH public access

policy (see <http://publicaccess.nih.gov/>). Please refer to the NIH Guide Notice for Publications Supported by Shared Resources in Research for additional guidance. ([NOT-OD-16-079](#)) Report:

- I. The number of published articles that cite the Center by grant number or by name.
- II. If available, the number of published articles that used the Center but did not cite it.
- III. The number of published articles that were specifically supported by the Center grant funds.
- IV. Describe limitations of the approach taken to gather these data or of the data itself.

Suggested Format for Item 3-C:

Category of article	Number of articles published in the reporting period
Articles that specifically cited the Center (by name or grant number).	500
Article that used the Center but did not cite it.	200
Articles specifically supported by the ORIP grant funds.	10
Limitations of the approach or of the data.	Some laboratories cite the resource only when the strain/service is first used.

D. Outreach. Provide:

A brief statement summarizing how the Center is advertised. Mechanisms can include: journal ads, presentations at conferences, website, fliers/brochures, webinars, workshops, mobile exhibits, presentations at schools and other public facilities, and others as specified by the Resource. Report changes in Center activities achieved due to specific outreach efforts.

E. Financial Support for the Center. Provide:

A table showing (in dollars) how the Center was supported during the reporting period, broken down by: Direct Costs of the ORIP grant, Program Income, Other Sources of support, including previously accepted voluntary committed cost sharing by the grantee Institution. If program income is reported, the amount in this table must be the same as the amount reported in Section G.11, "Program Income" of the RPPR. Do not include support (e.g., individual R01 grants) for the PIs or other investigators that does not contribute directly to the Resource. Describe any limitations of this information.

Suggested format for Item 3-E:

Direct Costs of the ORIP grant	Program Income	Other sources of support	Total support for the Resource
Example: \$500,000	\$200,000	\$100,000	\$800,000

Limitations of the information	This is estimated because financial reports are provided by the Institution at the end of its fiscal year, not the grant year.		
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F. Feedback from Users. Include this information in “Other products” of the RPPR” of the RPPR. Provide:

A brief statement discussing how feedback is solicited and the topics covered (e.g. quality of: the catalog or website, the ordering process, service delivered, etc.).

If feedback has been solicited, a brief summary of the most significant results, lessons learned and changes made in response to feedback should be included.

Suggested format for Item 3-F:

Category	Description
Methods for soliciting feedback	
Topics covered	
Most significant results	
Lessons learned	
Changes made	

4. Training and Professional Development

Include this in Section B.4, “What opportunities for training and professional development has the project provided” of the RPPR.

Report the number of personnel trained directly by the Center during the reporting period, broken down by: Postdoc, Grad. Student, Undergrad, Visiting Scientists, other categories, as specified by the Resource (e.g., educators).

Suggested format for item 4:

Type of individual	Number of individuals participating
Postdocs	
Graduate Students, etc.	

5. Infrastructure Improvements.

Include this information in Section E.2 “What is the impact on physical, institutional, or information resources that form infrastructure?” of the RPPR. Provide a list of major infrastructure improvements and capital equipment (as defined by the Institution) purchased during the reporting period.

Suggested format for item 5:

Type of improvement	Source of support
Example: Renovation of vivarium	NIH grant: 1G200D12345-01
Example: Flow Cytometer	Institutional funds
Etc.	

6. Special Reporting Requirement.

Include this information in Section G1 “Special Reporting Requirement” of the RPPR.

1. External Advisory Board Report

Provide the complete text of the External Advisory Board Report(s). In addition, include a roster of all members of the External Advisory Board, the date(s) of the meetings(s), the names of the members who attended the meeting(s), the agenda(s) and the names of the Center staff who gave presentations.

2. Steering Committee meetings

Please provide the number of Steering Committee meetings, dates, names of the attendees and a short description of the agenda and major conclusions.

3. List of Center collaborations

Provide a list of existing and new collaborators, their affiliations and a short description of the project(s) or service(s).

Suggested format 6-3:

Contact person name	Affiliation	Existing or new collaboration	Short Description of the project/service
Dr. Jones	Dep of Surgery, Columbia University, NY	New	The major goal of the project is to understand the effect of the XXXXX mutation on the progression of the XXXX disease phenotype in the XXXXXX strain of the mice.