

Replication to Enhance Research Impact

Technical Assistance Webinar

NIH Common Fund
September 5, 2024

Housekeeping

- Put questions in Q&A
- Please keep yourself muted unless called on to speak
- Slides will be available on the Replication Initiative FAQ page after the webinar
- A recording of the webinar will be available upon request
- General questions will be addressed
 - For specific questions, contact us at CF-replication@od.nih.gov

Agenda

- Introductory Remarks
- Background and Objective of [NOT-RM-24-009](#)
- Eligibility and Award Details
- Application Contents
- Review Process and Due Dates
- Questions

Reproducing and extending previous studies is at the core of the scientific process.

They are critical in assessing the validity of novel research outcomes, particularly those that form the basis of evidence-based practices to improve health.

Background and Objective

The Common Fund has issued a Notice of Special Interest (NOSI) to enable replication of impactful Common Fund-supported research

The NOSI will provide funds for preparatory activities to enable an independent **contract research organization** (CRO) to replicate studies

Preparatory activities could include:

- Staff support to collect and share materials, reagents, protocols, etc.
- Generation of unique materials/reagents to be provided to the CRO
- Support for time spent engaging with CRO

Eligibility and Award Details

- **Eligibility**

- Published or unpublished preclinical studies from an active Common Fund award with high potential impact on public health
- **No** human subjects studies
- Can be completed in ≤ 1 year

- **Award Details**

- \$50,000 in Direct Costs to PI for prep work
- Sustained engagement with CRO beginning immediately after award issuance
- Methods and results of the replication studies will not be made public without the consent of the PI(s)

Application Contents: Overall

- **Original Study**

- What are the goals of the original study? How can the goals be enhanced by replication of an aspect of the study? What might be challenges to replication and potential solutions?

- **Impact on Public Health**

- How does the replication study impact public health?

- **Collaboration**

- Statement of commitment to provide necessary materials, protocols, etc. and a timeline of engagement with CRO.

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Application Contents: Required Capabilities

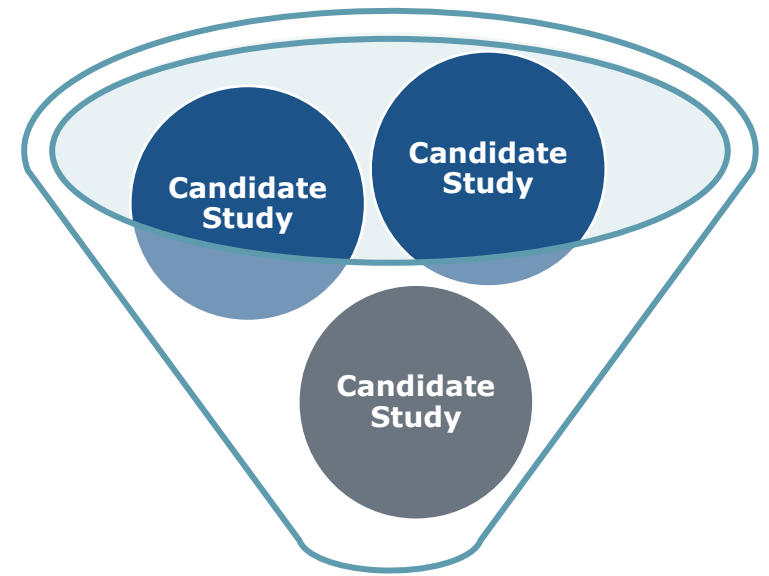
- Separate PDF document titled "Required Capabilities" that lists capabilities, including equipment and materials required by the CRO to replicate the original study
- Document will give CRO sense of feasibility of proposed replication study
- CRO will **not** see other parts of application
- Upload as "Other Attachment"

Page limit: 2 pages

Review Process

What will the review look for?

- Ability to increase overall impact of original award
- Public health impact
- Potential for successful collaboration with CRO
- Realistic scope of work, given the time and budget requested
- Readiness to launch replication study



NIH Administrative Review

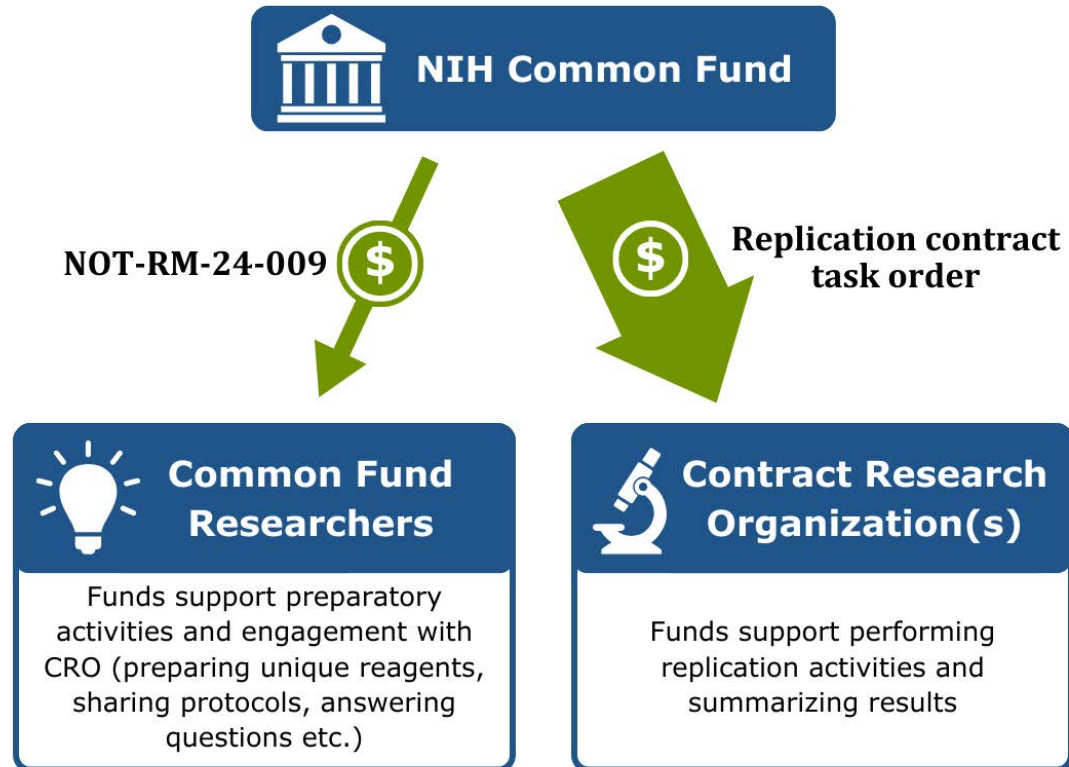


CRO(s)

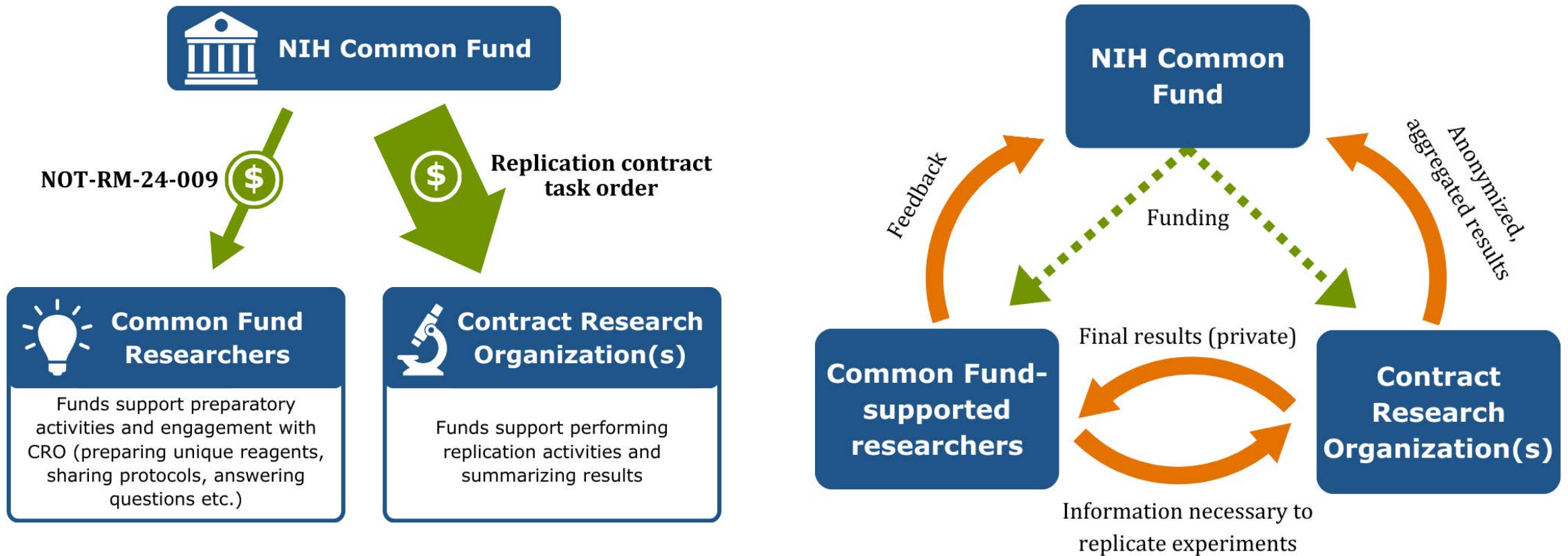
Due Date

Application Receipt Window	Administrative Review	Earliest Start Date
August 13, 2024 – September 30, 2024	October 2024	November 1, 2024

Replication Initiative – Funding and Collaboration Flow



Replication Initiative – Funding and Collaboration Flow



Keep in Mind

- Funds from NOSI support preparatory activities and engagement with CRO
- Applicant lab will **not** conduct the replication studies
- CRO receives separate funds to conduct the replication studies
- New studies are not allowed for this NOSI. Proposals must be within scope of the parent award
- NIH will not use information from replication studies to act on any current or future funding



FAQ

CRO Capabilities

- Culture systems
- Model systems
- Sequencing/ 'Omics
- Synthesis
- Gene editing
- Imaging
- Computational
- Spectroscopy/ Spectrometry

Check our website often for updates!

commonfund.nih.gov/replication-initiative/faq

For questions about additional capabilities, contact CF-Replication@od.nih.gov

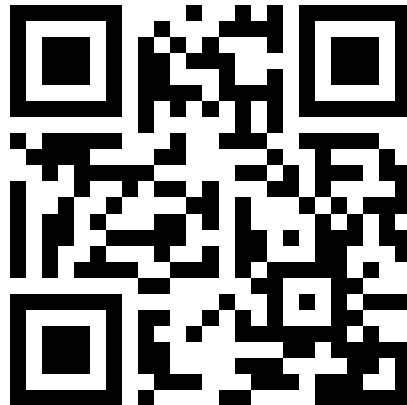
Why Apply?

- Get **additional data** that could be used to support eventual IND applications and/or commercialization
- **Bolster novel findings** that may serve as the basis for future research projects
- **Validate** novel tools, technologies, and methods that may be used in a wide variety of biomedical research applications
- **Save time and money** when launching a new project by validating foundational results before proceeding
- **Receive feedback** from external users on how to make tools more interoperable and/or accessible

For More Information

Email: CF-Replication@od.nih.gov

FAQ: go.nih.gov/dUCDwYI



Questions / Discussion

Thank you!

CF-Replication@od.nih.gov



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