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Advancing Genomic Medicine Research Renewal Concept Clearance

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February 13, 2023



National Human Genome
Research Institute

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Background

- AGMR approved by Council Feb 2020, published in June (R01 & R21)
- Purpose: Stimulate innovation and advance understanding of when, where and how best to implement the use of genomic information and technologies in clinical care in all persons irrespective of racial/ethnic background or socioeconomic status.



Scope & Objectives

- Address research gaps related to the use of genomic information to advance the application of genomics in clinical care
- Projects will be broadly applicable to genomic medicine
- RFA mechanism
 - Yearly grantee meeting to enhance communication and disseminate findings to accelerate genomic medicine research progress

(continued)

Scope & Objectives

- Investigators new to the field of genomic medicine will be encouraged to apply, including those from a variety of disciplines
- Studies encompassing diversity would be encouraged
 - Racial or ethnic minority groups
 - Lower SES
 - Underserved rural communities
 - Sexual and gender minority groups

Proposed Changes

- NOSI for Small Business R43/R44 following standard receipt dates
- Change from alternating receipt dates to one date per year (July 2023, July 2024, July 2025)
- Increase budget for R21s



Mechanism & Budget

	FY24	FY25	FY26	FY27	FY28	FY29	FY30
R01	3.7	7.4	11.1	11.1	11.1	7.4	3.7
R21	1.5	3.1	4.6	3.1	1.5	-	-
Total	5.2	10.5	15.7	14.2	12.6	7.4	3.7
Total Costs, Dollar in Millions							

R01 (Research Project) up to \$600K DC/year, project period of up to 5 years. Total 4 R01s.

- R21 (Exploratory/Developmental Research) up to \$250K DC/year, project period up to 3 years. Total 4 R21s.

Possible other ICs sign-on



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