

2025 Current Fiscal Year Report: Vascular and Hematology Integrated Review Group

Report Run Date: 07/06/2025 07:58:39 AM

1. Department or Agency

Department of Health and Human
Services

2. Fiscal Year

2025

3. Committee or Subcommittee

Vascular and Hematology Integrated
Review Group

3b. GSA

Committee No.

1864

4. Is this New During Fiscal Year?

5. Current Charter	6. Expected Renewal Date	7. Expected Term Date
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No 03/04/2009

8a. Was Terminated During Fiscal Year?

8b. Specific Termination Authority

8c. Actual Term Date

No

9. Agency Recommendation for Next Fiscal Year

Continue

10a. Legislation Req to Terminate?

Not Applicable

10b. Legislation Pending?

Not Applicable

11. Establishment Authority Authorized by Law

12. Specific Establishment Authority

42 U.S.C. 282 (b)(16)

13. Effective Date

11/20/1985

14. Committee Type

Continuing

14c. Presidential?

No

15. Description of Committee Grant Review Committee

16a. Total

Number of Reports

No Reports for
this Fiscal Year

17a.

Open

0 17b. Closed 0 17c. Partially Closed 0 Other Activities 0 17d. Total 0

Meetings and Dates

No Meetings

Current Next
FY FY

18a(1). Personnel Pmts to Non-Federal Members	\$0.00	\$0.00
18a(2). Personnel Pmts to Federal Members	\$0.00	\$0.00
18a(3). Personnel Pmts to Federal Staff	\$0.00	\$0.00
18a(4). Personnel Pmts to Non-Member Consultants	\$0.00	\$0.00
18b(1). Travel and Per Diem to Non-Federal Members	\$0.00	\$0.00
18b(2). Travel and Per Diem to Federal Members	\$0.00	\$0.00
18b(3). Travel and Per Diem to Federal Staff	\$0.00	\$0.00
18b(4). Travel and Per Diem to Non-member Consultants	\$0.00	\$0.00
18c. Administrative Costs (FRNs, contractor support, In-person/hybrid/virtual meetings)	\$0.00	\$0.00
18d. Other (all other funds not captured by any other cost category)	\$0.00	\$0.00
18e. Total Costs	\$0.00	\$0.00
19. Federal Staff Support Years (FTE)	0.00	0.00

20a. How does the Committee accomplish its purpose?

Section 492 of the PHS Act states that The Secretary...shall by regulations require appropriate technical and scientific peer review of -- (A) applications..; and (B) biomedical and behavioral research and development contracts. This committee is composed of recognized biomedical and/or behavioral research authorities who represent the forefront of research and technical knowledge and who provide first-level merit review

of highly scientific and technical research grant applications and/or contract proposals in the fields of hematological systems in normal and disease states including, but not limited to, hemoglobinopathies, thalassemias, iron and heme metabolism, erythrocyte and granulocyte/monocyte biology, transfusion medicine, sickle cell disease, normal and abnormal hematopoieses, including stem cell biology, leukemogenesis, bone marrow transplantation, gene therapy, basic and applied aspects of blood and vascular elements associated with hemostasis thrombosis and vascular biology. During this reporting period the committee reviewed 1,074 applications requesting \$2,027,343,642.00

20b. How does the Committee balance its membership?

The members of this committee are authorities knowledgeable in the fields of hematological systems in normal and disease states including, but not limited to, hemoglobinopathies, thalassemias, iron and heme metabolism, erythrocyte and granulocyte/monocyte biology, transfusion medicine, sickle cell disease, normal and abnormal hematopoieses, including stem cell biology, leukemogenesis, bone marrow transplantation, gene therapy, basic and applied aspects of blood and vascular elements associated with hemostasis thrombosis and vascular biology.

20c. How frequent and relevant are the Committee Meetings?

The Committee held 12 meetings during this reporting period.

20d. Why can't the advice or information this

committee provides be obtained elsewhere?

This committee is composed of recognized biomedical and/or behavioral research authorities who represent the forefront of research and technical knowledge and who provide first-level merit review of highly scientific and technical research grant applications and contract proposals. These evaluations and recommendations can not be obtained from other sources because the specialized, complex nature of the applications and proposals requires a unique balance and breadth of expertise not available on the NIH staff or from other established sources.

20e. Why is it necessary to close and/or partially closed committee meetings?

The meetings of the committee were closed to the public for the review of grant applications. Section 552b(c)(4) and 552b(c)(6) of the Government in the Sunshine Act permit the closing of meetings where discussion could reveal confidential trade secrets or commercial property such as patentable material and personal information, the disclosure of which would constitute a clearly unwarranted invasion of personal property.

21. Remarks

This committee did not produce any public reports during the fiscal year. Due to the assignment of responsibilities within the Center, the roles of the committee designated federal official and committee decision maker are filled by the same individual. Drs. Ademuyiwa Aromolaran and Laurent Olivier Mosnier were reassigned to the role of chairperson during the fiscal year. Dr. Richard David Wainford was reappointed to the role of chairperson through 6/30/2026. In general, initial/integrated review group (IRG) members

serve up to six years, which is documented in the Members list. Temporary members are individuals recruited based on expertise needed for each meeting. Some temporary members may attend one meeting only while others may attend multiple meetings. Instead of appointment start and end dates, each meeting date on which the temporary member served is identified on the Members list. Meeting rosters, including members' affiliations and zip codes are available online at <https://public.era.nih.gov/pubroster/>.

Designated Federal Officer

JOHN BOWERS DIRECTOR, DIVISION OF
TRANSLATIONAL AND CLINICAL SCIENCES

Committee Members	Start	End	Occupation	Member Designation
Addison, Daniel	07/01/2023	06/30/2029	Associate Professor	Peer Review Consultant Member
Adebiyi, Adebowale	07/01/2019	06/30/2025	Associate Professor	Peer Review Consultant Member
Agarwal, Anupriya	07/01/2022	06/30/2028	Associate Professor	Peer Review Consultant Member
Agathocleous, Michalis	07/01/2024	06/30/2028	Assistant Professor	Peer Review Consultant Member
Arepally, Gowthami	07/01/2020	06/30/2026	Professor	Peer Review Consultant Member
Arnold, Amy	07/01/2023	06/30/2027	Associate Professor	Peer Review Consultant Member
Aromolaran, Ademuyiwa	07/01/2022	06/30/2026	Associate Professor	Peer Review Consultant Member
Beaudin, Anna	07/01/2022	06/30/2028	Associate Professor	Peer Review Consultant Member
Blanc, Lionel	07/01/2022	06/30/2025	Professor	Peer Review Consultant Member
Bornfeldt, Karin	07/01/2020	06/30/2025	Professor	Peer Review Consultant Member

Bresnick, Emery	07/01/2023	06/30/2027	Professor	Peer Review Consultant Member
Byzova, Tatiana	07/01/2019	06/30/2025	Professor	Peer Review Consultant Member
Cai, Hua Linda	07/01/2020	06/30/2026	Director of Translational Research Program	Peer Review Consultant Member
Chen, Zhen	07/01/2024	06/30/2028	Associate Professor	Peer Review Consultant Member
Chishti, Athar	07/01/2022	06/30/2025	Professor	Peer Review Consultant Member
Copp, Steven	07/01/2023	06/30/2027	Associate Professor	Peer Review Consultant Member
Cruz, Miguel	07/01/2019	06/30/2025	Professor	Peer Review Consultant Member
Dabertrand, Fabrice	07/01/2023	06/30/2027	Associate Professor	Peer Review Consultant Member
Dayal, Sanjana	07/01/2024	06/30/2028	Associate Professor	Peer Review Consultant Member
Di Cera, Enrico	07/01/2022	06/30/2026	Alice A. Doisy Professor and Chairman	Peer Review Consultant Member
Di Lorenzo, Annarita	07/01/2022	06/30/2026	Associate Professor	Peer Review Consultant Member
Doulatov, Sergei	07/01/2023	06/30/2027	Associate Professor	Peer Review Consultant Member
Durante, William	07/01/2022	06/30/2026	Professor	Peer Review Consultant Member
Filippi, Marie-Dominique	07/01/2022	06/30/2026	Professor	Peer Review Consultant Member
Fischbein, Michael	07/01/2023	06/30/2027	Professor	Peer Review Consultant Member
Fleischman, Angela	07/01/2024	06/30/2028	Associate Professor	Peer Review Consultant Member
Francis, Sharon	07/01/2023	06/30/2029	Assistant Professor	Peer Review Consultant Member

Freeman, Kalev	07/01/2022	06/30/2026	Associate Professor	Peer Review Consultant Member
Glading, Angela	07/01/2021	06/30/2025	Associate Professor	Peer Review Consultant Member
Gleason, Rudolph	07/01/2022	06/30/2026	Associate Professor	Peer Review Consultant Member
Goodwin, Julie	07/01/2024	06/30/2028	Associate Professor	Peer Review Consultant Member
Gumz, Michelle	07/01/2021	06/30/2025	Associate Professor	Peer Review Consultant Member
Hansen, Laura	07/01/2024	06/30/2028	Assistant Professor	Peer Review Consultant Member
Hussain, Tahir	07/01/2021	06/30/2025	Professor	Peer Review Consultant Member
Karumanchi, S	07/01/2020	06/30/2026	Director, Renovascular Research and Professor	Peer Review Consultant Member
Khalil, Raouf	07/01/2022	06/30/2026	Associate Professor	Peer Review Consultant Member
Khasawneh, Fadi	07/01/2022	06/30/2026	Associate Professor	Peer Review Consultant Member
Kirabo, Annet	07/01/2022	06/30/2028	Assistant Professor of Medicine	Peer Review Consultant Member
Koltsova, Ekaterina	07/01/2022	06/30/2026	Associate Professor	Peer Review Consultant Member
Kuhn, Bernhard	07/01/2021	06/30/2027	Associate Professor	Peer Review Consultant Member
Li, Deqiang	07/01/2022	06/30/2026	Assistant Professor	Peer Review Consultant Member
Lien, Ching-Ling	07/01/2022	06/30/2026	Associate Professor	Peer Review Consultant Member
Lim, Steve	07/01/2023	06/30/2027	Associate Professor	Peer Review Consultant Member
Lu, Rong	07/01/2020	06/30/2026	Assistant Professor	Peer Review Consultant Member

Lucas, Daniel	07/01/2024	06/30/2028	Associate Professor	Peer Review Consultant Member
Majumder, Rinku	07/01/2022	06/30/2025	Professor	Peer Review Consultant Member
Mammoto, Akiko	07/01/2024	06/30/2028	Associate Professor	Peer Review Consultant Member
McNamara, Coleen	07/01/2019	06/30/2025	Professor	Peer Review Consultant Member
Mckinney-Freeman, Shannon	07/01/2022	06/30/2026	Associate Director of Faculty Development	Peer Review Consultant Member
Mehta, Dolly	07/01/2022	06/30/2026	Professor	Peer Review Consultant Member
Migliaccio, Anna Rita	07/01/2022	06/30/2026	Sr. Investigator and Adjunct Professor	Peer Review Consultant Member
Mineo, Chieko	07/01/2024	06/30/2028	Professor	Peer Review Consultant Member
Moore IV, Joseph	07/01/2023	06/30/2027	Associate Professor	Peer Review Consultant Member
Morrison, Alan	07/01/2022	06/30/2026	Assistant Professor and Attending Physician	Peer Review Consultant Member
Mosnier, Laurent	07/01/2022	06/30/2026	Professor	Peer Review Consultant Member
Myers, Daniel	07/01/2019	06/30/2025	Professor	Peer Review Consultant Member
Nauli, Surya	07/01/2024	06/30/2028	Professor	Peer Review Consultant Member
Neeves, Keith	07/01/2020	06/30/2026	Professor	Peer Review Consultant Member
Padera, Timothy	07/01/2022	06/30/2026	Associate Professor	Peer Review Consultant Member
Padilla, Jaume	07/01/2022	06/30/2028	Associate Professor	Peer Review Consultant Member
Park, Myung	07/01/2024	06/30/2028	Associate Professor	Peer Review Consultant Member

Payne, Gregory	07/01/2024	06/30/2030	Associate Professor	Peer Review Consultant Member
Pownall, Henry	07/01/2022	06/30/2026	Professor of Biochemistry in Medicine	Peer Review Consultant Member
Riascos Bernal, Dario	07/01/2024	06/30/2028	Assistant Professor	Peer Review Consultant Member
Sahoo, Daisy	07/01/2024	06/30/2028	Professor and Vice Chair for Research	Peer Review Consultant Member
Santhanam, Lakshmi	07/01/2023	06/30/2027	Associate Professor	Peer Review Consultant Member
Scott, Evan	07/01/2021	06/30/2027	Associate Professor	Peer Review Consultant Member
Shen, Ying	07/01/2020	06/30/2026	Professor	Peer Review Consultant Member
Smyth, James	07/01/2023	06/30/2027	Associate Professor	Peer Review Consultant Member
Spitalnik, Steven	07/01/2021	06/30/2025	Professor	Peer Review Consultant Member
Stan, Radu	07/01/2024	06/30/2028	Professor	Peer Review Consultant Member
Straub, Adam	07/01/2023	06/30/2027	Associate Professor	Peer Review Consultant Member
Thodeti, Charles	07/01/2022	06/30/2026	Professor	Peer Review Consultant Member
Wainford, Richard	07/01/2021	06/30/2026	Professor	Peer Review Consultant Member
Weiser-Evans, Mary	07/01/2021	06/30/2025	Professor of Medicine	Peer Review Consultant Member
Wenceslau, Camilla	07/01/2021	06/30/2027	Associate Professor	Peer Review Consultant Member
Williams, Jan	07/01/2024	06/30/2028	Professor	Peer Review Consultant Member
Yang, Bo	07/01/2023	06/30/2027	Professor	Peer Review Consultant Member
Yien, Yvette	07/01/2023	06/30/2027	Associate Professor	Peer Review Consultant Member

Zhan, Huichun	07/01/2024	06/30/2028	Professor	Peer Review Consultant Member
Zhang, David	07/01/2024	06/30/2028	Associate Professor	Peer Review Consultant Member
Zhang, Hanrui	07/01/2023	06/30/2027	Assistant Professor	Peer Review Consultant Member

Number of Committee Members Listed: 82

Narrative Description

NIH's mission is to seek fundamental knowledge about the nature and behavior of living systems and the application of that knowledge to enhance health, lengthen life, and reduce illness and disability. NIH works toward that mission by supporting the research of non-Federal scientists in universities, medical schools, hospitals, and research institutions throughout the country and abroad. Section 492 of the PHS Act states that The Secretary ...shall by regulation require appropriate technical and scientific peer review of - (A) applications...; and (B) biomedical and behavioral research and development contracts...

What are the most significant program outcomes associated with this committee?

	Checked if Applies
Improvements to health or safety	<input checked="" type="checkbox"/>
Trust in government	<input type="checkbox"/>
Major policy changes	<input type="checkbox"/>
Advance in scientific research	<input checked="" type="checkbox"/>
Effective grant making	<input checked="" type="checkbox"/>
Improved service delivery	<input type="checkbox"/>
Increased customer satisfaction	<input type="checkbox"/>
Implementation of laws or regulatory requirements	<input type="checkbox"/>
Other	<input type="checkbox"/>

Outcome Comments

NA

What are the cost savings associated with this committee?

Checked if Applies

None	<input type="checkbox"/>
Unable to Determine	<input checked="" type="checkbox"/>
Under \$100,000	<input type="checkbox"/>
\$100,000 - \$500,000	<input type="checkbox"/>
\$500,001 - \$1,000,000	<input type="checkbox"/>
\$1,000,001 - \$5,000,000	<input type="checkbox"/>
\$5,000,001 - \$10,000,000	<input type="checkbox"/>
Over \$10,000,000	<input type="checkbox"/>
Cost Savings Other	<input type="checkbox"/>

Cost Savings Comments

NIH supported basic and clinical research accomplishments often take many years to unfold into new diagnostic tests and new ways to treat and prevent diseases.

What is the approximate Number of recommendations produced by this committee for the life of the committee?

19,223

Number of Recommendations Comments

Grant Review

What is the approximate Percentage of these recommendations that have been or will be Fully implemented by the agency?

0%

% of Recommendations Fully Implemented Comments

The mission of the Center for Scientific Review is to provide the funding Institutes and Centers of NIH with the scientific and technical merit of research grant applications submitted to the NIH. It is these Institutes or Centers and their advisory councils that make funding decisions. NIH Peer Review Committees are involved in the initial review of research grant applications. The NIH dual peer review system is mandated by statute in accordance with section 492 of the Public Health Service Act. The charge to this committee is to determine scientific and technical merit of the individual grants or contracts. These recommendations are forwarded to Federal officials who generally accept the committee's recommendations and favorable applications are then forwarded for the second level of review performed by Institute and Center (IC) National Advisory

Councils or Boards. Only applications that are favorably recommended by both the initial peer review committee and the Advisory Council may be funded.

What is the approximate Percentage of these recommendations that have been or will be Partially implemented by the agency?

0%

% of Recommendations Partially Implemented Comments

The mission of the Center for Scientific Review is to provide the funding Institutes and Centers of NIH with the scientific and technical merit of research grant applications submitted to the NIH. It is these Institutes or Centers and their advisory councils that make funding decisions. NIH Peer Review Committees are involved in the initial review of research grant applications. The NIH dual peer review system is mandated by statute in accordance with section 492 of the Public Health Service Act. The charge to this committee is to determine scientific and technical merit of the individual grants or contracts. These recommendations are forwarded to Federal officials who generally accept the committee's recommendations and favorable applications are then forwarded for the second level of review performed by Institute and Center (IC) National Advisory Councils or Boards. Only applications that are favorably recommended by both the initial peer review committee and the Advisory Council may be funded.

Does the agency provide the committee with feedback regarding actions taken to implement recommendations or advice offered?

Yes ☒ No ☐ Not Applicable ☐

Agency Feedback Comments

Information resulting from closed initial peer review meetings is subject to the Freedom of Information Act. The public can view information on research projects funded by NIH on the RePORT (Research Portfolio Online Reporting Tool) website located at <http://report.nih.gov>.

What other actions has the agency taken as a result of the committee's advice or recommendation?

Checked if Applies

Reorganized Priorities	<input type="checkbox"/>
Reallocated resources	<input type="checkbox"/>
Issued new regulation	<input type="checkbox"/>
Proposed legislation	<input type="checkbox"/>
Approved grants or other payments	<input checked="" type="checkbox"/>

Other

☐

Action Comments

An action of “approved” or “recommended” for grants receiving initial peer review by this committee does not infer that the grant will be or has been funded. Research grant applications submitted to NIH must go through a two-step review process that includes the initial peer review for scientific and technical merit and a second step of review and approval by a National Advisory Council for program relevance. In addition, prior to an award or funding being made, NIH staff must conduct an administrative review for a number of other considerations. These include alignment with NIH’s funding principles, review of the project budget, assessment of the applicant’s management systems, determination of applicant eligibility, and compliance with public policy requirements. After all these steps have been completed, NIH officials make funding decisions on individual grant applications.

Is the Committee engaged in the review of applications for grants?

Yes

What is the estimated **Number** of grants reviewed for approval

What is the estimated **Number** of grants recommended for approval 1,074
1,074

What is the estimated **Dollar Value** of grants recommended for approval
\$2,027,343,642

Grant Review Comments

Grant Review

How is access provided to the information for the Committee's documentation?

Checked if Applies

Contact DFO	<input checked="" type="checkbox"/>
Online Agency Web Site	<input checked="" type="checkbox"/>
Online Committee Web Site	<input checked="" type="checkbox"/>
Online GSA FACA Web Site	<input checked="" type="checkbox"/>
Publications	<input type="checkbox"/>
Other	<input type="checkbox"/>

Access Comments

N/A