Issue Date: February 23, 2015

Call for Grant Notification: Genentech Medical Education & Research Grants
Independent Research Grant: Establishing effective cancer screening methods for patients of lower socio-economic status

The Medical Education & Research Grants Team at Genentech, a member of the Roche Group, invites members of the research community to submit applications for innovative research grants subject to the terms described below. This Call for Grants Notification (CGN) provides public notice of the availability of funds in a general topic area for activities for which recognized scientific needs exist and funding is available.

Purpose: As part of our scientific mission, Genentech provides grants for scientific projects and fellowship programs that are aligned with our mission to (1) foster advances in scientific research and discovery; and (2) support advanced study by clinical and research professionals at accredited universities or training institutions. Genentech CGNs are posted on the Genentech website (http://funding.gene.com). In addition, an email is sent out to all registered users of the Genentech Financial Request System (gFRS) who have previously submitted an application for support of an independent research activity.

Eligibility Criteria: Applicant must be registered on the Genentech Financial Request System (gFRS).

Geographical Scope: The research activity must be U.S.-based only unless specifically identified as a Global Grant.

Submission Instructions:
1. Researchers who meet the eligibility criteria and are interested in submitting a response to this CGN submit applications online through gFRS, which can be accessed via http://funding.gene.com. When submitting the application, please be sure the following are completed:
   a. Select the Therapeutic Area, and the Disease State for the grant(s) that you are submitting.
   b. Include “CGN May 2015 [Insert Program Title]” in the program title of the grant application
   c. Complete all sections of online grant request form
   d. Upload all documentation as requested by the system
   e. Deadline for Submission of Application(s): May 4, 2015 (11:59 PM Pacific Time)

Award Decision Date/Mechanism: Approvals and denials will be communicated via standard grant-submission means (email notifications) no later than May 29, 2015. There have been no pre-determined approvals, nor any identified preferred educational providers. All submissions will be reviewed equally and thoroughly.

Researchers should not respond to this CGN unless they have read and understand the terms, purpose, therapeutic landscape, and research request identified below. Applicants will be expected to identify independent gaps that are scientifically accurate and relevantly aligned to these CGNs.
### Currently Available CGN

<table>
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<tr>
<th>Independent Research Grant</th>
<th>Establishing effective cancer screening methods for patients of lower socio-economic status</th>
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<tbody>
<tr>
<td><strong>Available Funding</strong></td>
<td>Up to two (2) grants will be awarded at approximately $225,000 each</td>
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<td><strong>Background</strong></td>
<td>Appropriate use of modern cancer screening methods (blood tests, mammograms, biomarker analysis) are recommended by several organizations. In particular modern screening methods for breast, colorectal and cervical cancers have proven to be useful in several studies, but are not always applied in at risk populations of lower socioeconomic status (1-3, 8-9). There remains a significant clinical gap in care for the routine use of cancer screening for ethnic minorities of lower socioeconomic status that remain at risk for certain malignancies.</td>
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<td><strong>Methods</strong></td>
<td>Genentech is seeking to support 2 research studies focused on testing innovative methods to increase the appropriate use of established screening protocols in an effort to improve screening for cancers in at risk communities with limited access to care. The successful research projects will be focused on defining areas such as best practices and efficiencies as well as identifying gaps in care, and sustainable improvements that can carry on long after the research has completed. Competitive grant applications will test new methodologies designed to overcome barriers to care in the real world in a cost-effective manner.</td>
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<td><strong>Measures and Results</strong></td>
<td>Proposals are encouraged to include methods for capturing data concerning quantifiable improvements in cancer screening, quality of care, care coordination, population health and other patient centric variables. Finally, innovative, low cost effective strategies that present sustainable improvements in the health status of at risk communities are highly encouraged. Preference will be given to those grants that demonstrate how:</td>
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<td>1. Research measures <strong>activated</strong> the members of the community to <strong>improve their awareness</strong> about the current problem, purpose and culture of the gap,(^1)(^{10-11})</td>
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<td>2. Research measures <strong>advanced</strong> the members of the community to <strong>convert the information</strong> to demonstrate where and when improvements will be implemented. Consideration will be given to those applicants who can use their results to project the extent to which conversion of information is sustained over time, and whether or not these improvements can be reproduced in other environments,(^10)(^{10-11})</td>
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<td>3. Research measures <strong>aspired</strong> the patients (if relevant) to <strong>demonstrate engagement</strong> with how decisions are made away from the clinic to help improve the treatment gap, and the impact that has on patient sense of control, patient satisfaction, patient interactions with healthcare providers, and any other patient goals,(^10)(^{10-11}) and/or</td>
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<td>4. Research measures indicate the members of the community recommended earlier <strong>allocated</strong> actions to one another that commit to partnerships, such as a partnership in communication and/or sharing</td>
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of timely data that impacts the delivery of care, such as adherence to the jointly decided recommended care plan, an identification of any long-term cost savings, and an identification of advancing care in the future.10-11

## Discussion

Genentech encourages recipients who are awarded funding to:

1. Consider whether or not the research reduced the average time it takes for the members of the community to adopt information, demonstrating how this was achieved.
2. Demonstrate key findings via outcomes analysis (please see Measures and Results sections immediately above).
3. Summarize (through written analysis) their understanding of the metrics, identifying the association between the research and the outcomes, and further identifying any comparison of the results with findings from other identified publications (if relevant).
4. Identify any unanticipated barriers and activity/outcomes limitations explaining the reasons for them, and describing the efforts that were made to adjust them as necessary.

### Additional Considerations

All grant submissions should describe how the proposed research plans to determine the extent to which the initiatives have met the stated objectives and closed the clinical gap(s).

While not required, it is strongly recommended that the results of these research initiatives aim to increase understanding around the elements identified within the chart within this CGN. Genentech will review ways the aforementioned information ties into the following components:

- Research that results in an improvement of quality metrics, quality of care, and/or quality of life
- Research that results in a way to sustainably improve population health for a community
- Additionally, a plan for publishing the results detailing the lessons learned would be welcomed

### Genentech’s Grant Decision-Making Criteria

Please refer to the publicly available criteria, which can be found at [http://funding.gene.com](http://funding.gene.com).

### Terms and Conditions

1. All grant applications received in response to this CGN will be reviewed in accordance with all Genentech policies and policy guidelines.
2. This CGN does not commit Genentech to award a grant or to pay any costs incurred in the preparation of a response to this request.
3. Genentech reserves the right to approve or deny any or all applications received as a result of this request or to cancel, in part or in its entirety, this CGN.
4. For compliance reason, and in fairness to all grantees, all communications about this CGN must come exclusively to Genentech’s department for Medical Education & Research Grants. Failure to comply will automatically disqualify grantees.
5. Failure to follow instruction within this CGN may result in a denial.

### Transparency
Genentech, at its sole discretion, has the right to disclose the details of funded independent research projects, including those that may be required by federal, state, and/or local laws and regulations. This disclosure may include, but shall not be limited to, details of the activity and the grant amount. The information may be disclosed to the public in a manner including, but not limited to, disclosure on the Genentech website.

References