Subject: Center for Individualized Medicine Imaging Biomarker Discovery Program Mayo – Illinois Application Funding Opportunity

Sent on behalf of Dr. Kieran McGee, Director, Imaging Biomarker Discovery Program

The Imaging Biomarker Discovery Program (IBMD) in the Center for Individualized Medicine (CIM) seeks proposals for studies designed to translate novel imaging biomarkers that address identified but as yet unmet clinical needs within the Mayo Clinic enterprise. The biomarker must have the potential to improve disease detection, classification, prognosis, or therapy response prediction. Application of other novel imaging technologies and original study design will also be considered.

CIM will provide funding to University of Illinois at Urbana-Champaign based on scope of the proposal and will be up to approximately $75,000. Projects are to be completed within one calendar year. Collaborative projects between Illinois and Mayo Clinic investigators are expected. As such, PIs from both institutions should be identified in the proposal with appropriate letters of support. Because the mission of the IBMD program is to accelerate the translation of promising imaging biomarkers into clinical practice, those proposals that are both ‘shovel ready’ and have the greatest potential to change clinical practice will be given preference. Shovel ready is considered to be those applications in which preliminary data exists and the appropriate IRB, IND, IACUC, etc. approval has been granted or have been submitted to the appropriate review board(s).

It is expected that the Center for Individualized Medicine will be acknowledged in publications and/or any intellectual property resulting from these projects. In addition, grant recipients will be required to provide, where appropriate, anonymized data generated from funded projects to investigators within the Mayo research community.

Deadline for applications is January 2, 2018.
Target funding start date is February 1, 2018, with completion by January 31, 2019.

Application Process:
Submit your complete application to jones.leila@mayo.edu.

The proposal should not exceed five pages and should specifically address the following:

- A description of the proposed imaging biomarker
- Project scope and objectives with emphasis on clinical significance and translation
- Description of collaborative investigators
- Background and preliminary data supporting probability of success
- Identification of PIs from both Illinois and Mayo with appropriate letters of support
- Description of data and sample sizes needed to be acquired with associated statistical power
- Study design and approach, including methodology and potential clinical impact upon completion of the application
- Readiness to begin and complete within 1 calendar year
- Intellectual property potential
- A budget outline should be included identifying expenses and total requested dollar amount.
Proposals will be scored on the above components, and feedback will be provided to investigators on all proposals.

**Successful applications will:**
- Address a specific practical clinical need
- Describe an integrated team of investigators
- Identify how the proposed biomarker will improve clinical practice (diagnosis, prognosis and/or treatment)
- Specify study design and sample availability
- Propose a biomarker that is very close to clinical use (i.e. translation)

**Questions:**
Direct questions to Kiaran McGee, Ph.D., Director, Imaging Biomarker Discovery Program or Leila Jones, Ph.D., Operations Manager, Imaging Biomarker Discovery Program.

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