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## Call for Expressions of Interest Research Grants for Homocystinurias

March 1<sup>st</sup>, 2023

HCU Network America has established a research grant program and a Scientific Advisory Board (SAB) in 2022 to identify and advise on research priorities. The first grant for Remethylation Disorders has been awarded in 2022. This call is being initiated for Expressions of Interest (EOI) to identify a small number of potential researchers whose programs will be considered for grants and invited to submit a Grant Application.

### Eligible Applicants

Eligible applicants must have a Ph.D., M.D., or equivalent degrees and currently hold a full-time position at any level (post-doctoral, research scientist, assistant/associate/full professor, etc.) at an established academic/research institution. Applicants will be considered from the United States, Australia and internationally.

### Key Priorities

Key priorities for EOIs to be considered should include one of the following:

- New therapies to treat **Homocystinuria Cobalamin G** defect by exploring novel mechanisms to obtain proof of concept to enable progression to clinical trials
- New therapies to treat **Severe MTHFR** by exploring novel mechanisms to obtain proof of concept to enable progression to clinical trials (joint grant offered through HCU Network of America and HCU Network of Australia)

Awards are expected to be up to \$40,000 USD; however exceptional applications may be funded at a higher amount if the budget request is justified. The award requires that funds not be used for the support of institutional indirect or overhead costs. Research Grants support projects to produce proof of concept that would facilitate more substantial funding from federal agencies, foundations or corporations.

### Expression of Interest

Researchers are asked to submit an Expression of Interest (EOI) Application [here](#), including a high level description of the proposed project, potential budget range and any conflict of interests with SAB members. EOI required details include:

- Project Title
- Principal Investigator Name
- Abstract/Summary of Project – no more than 350 words
- Hypothesis to be tested
- Significance of proposed research
- Project timeline
- Project Budget (budget range is acceptable for EOI)

Please submit Expressions of Interest by May 31st following this link to a Microsoft form submission <https://forms.office.com/r/bjXie8KeGj>. If you are having trouble with this link, please email Brittany Parke as [CBLSC@hcunetworkamerica.org](mailto:CBLSC@hcunetworkamerica.org)

EOIs will be reviewed by the SAB, in consultation with HCU Network America and HCU Network Australia, and applicants will be notified by July 1<sup>st</sup>, 2023, if they are invited to submit a Grant Application. For additional information on the research strategy and application process for this grant program please visit:  
[hcunetworkamerica.org/research-grants](http://hcunetworkamerica.org/research-grants)

### **Potential conflicts**

An affiliation with one or more of the SAB members is considered a conflict of interest and must be stated in the covering letter. SAB members are noted below.

### **Scientific Advisory Board members:**

- **Chair:** Peter Baker, MD. Colorado Children's Hospital
- Sean Froese, PD. Principle Investigator, Division of Metabolism, University Children's Hospital Zurich, Switzerland.
- Shawn McCandless, MD. Chair, Department of Genetics and Metabolism, Children's Hospital Colorado Professor. Section Head, Genetics and Metabolism.
- Walla Al-Hertaini, MD, MS, FRCPC, FCCMG, FACMG. Boston Children's Hospital. Assistant Director, Metabolism Program. Attending Physician, Division of Genetics and Genomics.
- Manuel Schiff. Assistance Publique Hopitaux de Paris-University Hospital Robert-Debra, France. Associate professor of Pediatrics. Head of the Reference Centre for Inborn Errors of Metabolism.
- David Rosenblatt, MD. McGill University. Dodd Q. Chu and Family Chair in Medical Genetics Professor, Departments of Human Genetics, Medicine, Pediatrics and Biology.
- Kimberly Chapman, MD, PhD. Attending physician in Genetics and Metabolism, Children's National: Assistant Professor of Pediatrics and Integrated Systems Biology, George Washington University, U.S.
- Nicola Longo, MD PhD. University of Utah. Professor of Pediatrics and Chief Division of Medical Genetics.

### **Patient Representatives:**

- Brittany Parke. HCU Network of America Board Member. Cobalamin Steering Committee Chair
- Grace Talbert. Severe MTHFR Committee Chair