



CYSTINOSIS RESEARCH FOUNDATION (CRF)

Spring 2021 Call for Research Proposals and Postdoctoral Research Fellowships

The ultimate goal of the Cystinosis Research Foundation is to find better treatments and a cure for cystinosis. Research and fellowship applications must be consonant with the mission and goals of the foundation in order to be considered. Global calls for grant applications will be made twice each year. Research and fellowship grants are awarded for 1-2 years.

Currently, the Cystinosis Research Foundation has **\$2.5 Million** available for research and fellowship grants. The number of awards and the awarded amount will depend on the number of outstanding proposals and the funds available at the time.

The deadline for the Spring 2021 Grant Proposals and Fellowship Applications is Monday, April 19, 2021. The successful grant applicants will be notified by the end of June 2021. Please note that the earliest start date for research projects submitted for this cycle is September 1, 2021.

Research Proposals

The Cystinosis Research Foundation is pleased to announce its Spring 2021 Call for Research Proposals and Fellowships. The Cystinosis Research Foundation is prepared to fund proposals to improve the immediate care of children and adults with cystinosis and to develop a new understanding and treatment of cystinosis in an effort to help these patients in the future.

Postdoctoral Fellowships

The Cystinosis Research Foundation created a postdoctoral research fellowship program to attract qualified, promising investigators to establish careers in cystinosis research. The fellow's stipend should be the usual amount for such a trainee at the given applicant's institution. The total award cannot exceed \$75,000 per year including overhead. Awards will generally be for a period of 1-2 years.

First priority will be given to "named" postdoctoral trainees. However, investigators who are already studying cystinosis can apply for a fellowship position with the expectation of attracting a suitable postdoctoral fellow within a year. Pre-doctoral students, who are already studying cystinosis, will be considered if funding is available.

REVIEW PROCESS

Proposals are evaluated by the Cystinosis Research Foundation Scientific Review Board (SRB), which is comprised of leading experts on cystinosis who determine the scientific validity and merit of the proposed research based on the NIH scale of standards. The SRB then advises the Cystinosis Research Foundation on the scientific merit of each proposal. The Foundation will balance the eventual funding to support bench, translational and clinical research and fellowships. Applicants will be notified in writing via email regarding the final status of their application.

PROPOSAL GUIDELINES AND FELLOWSHIP GUIDELINES

We encourage concise proposals. The research proposals and fellowship applications should describe the rationale and importance of the project and should include the specific aims and research design and methodology. Please include sufficient detail in a concise manner to facilitate evaluation of the proposed work.

Research Grant Proposals: Maximum length for a new application is **nine** one-sided pages, single-spaced, using a standard 12-point font with 1-inch margins (2.54 cm) on all sides including figures, diagrams and drawings. Cover sheet, documentation, budget and budget justification and curriculum vitae (CV limit is 5 pages maximum or a bio sketch) are not included in the 9-page limit. **Longer applications will not be evaluated.**

Fellowship Grant Applications: Maximum length for a new application is **six** one-sided pages, single-spaced, using a standard 12-point font with 1-inch margins (2.54 cm) on all sides including figures, diagrams and drawings. Cover sheet, documentation, budget and budget justification and curriculum vitae (CV limit is 5 pages maximum or a bio sketch) are not included in the 6-page limit. **Longer applications will not be evaluated.**

Cover Sheet Information: Names and Affiliations of Principal and Co-Principal Investigators and/or Research Fellow – **It is mandatory that you complete and attach the Cystinosis Research Foundation cover sheet as part of your application.** Please download and attach the applicable cover sheet – either the [Research Grant Proposal Cover Sheet](#) or [Fellowship Grant Proposal Cover Sheet](#).

Please format Grant and Fellowship Applications as follows:

1. Abstract/Summary of project – Explain the relevance to cystinosis. What problem does the project or fellowship address? Why is the work important to children and young adults with cystinosis? How will the project be accomplished?
2. Specific Aims – List the study or fellowship objectives and describe the specific goals of the research, including any hypotheses to be tested.
3. Preliminary Studies/Progress reports. Proposals should include preliminary data to support the objectives and goals of the study.

4. Research Design and Methods – Describe the research design and methodology that will be used to accomplish the study or fellowship aims.

Additional Information NOT part of the maximum length requirement for the Research Grant and Fellowship Grant Applications:

1. Detailed Budget – The Cystinosis Research Foundation will generally provide up to 10% of indirect costs. Requests for higher amounts must be carefully justified but are not guaranteed to be approved. Funding requests must be submitted in U.S. dollars.
2. Currency exchange rates will be established at the time the grant contract is issued.
3. The Cystinosis Research Foundation will not cover travel expenses as part of a grant or fellowship budget.
4. Budget Justification – Please explain items that might be confusing or unusual to the review committee.
5. Key Personnel - Please include a current CV (maximum of 5 pages) or a bio sketch and indicate the percent effort that each person is expected to devote to the project.
6. Statement detailing all other available resources including other grant support available or other grant applications pending. Indicate the amount and granting organization for any other sources (current or pending) of funding for the study.
7. IRB (human subject) approval and consent forms or plan to obtain such approval, if applicable. Animal subject approval if applicable. If the proposal involves human gene therapy, NIH Recombinant DNA Advisory Committee (RAC) review or equivalent. Funds for awards will not be released until all necessary approvals for human and/or animal studies are received.
8. A statement as to why funding from the Cystinosis Research Foundation is essential for the execution of this project. Please include other funding support for this study if applicable.

ADDITIONAL REQUIREMENTS FOR FELLOWSHIP APPLICANTS

In addition to the above, fellowship applications must provide a CV (maximum of 5 pages) of the proposed candidate and a statement outlining his/her career goals. Please discuss why this fellowship is important to the applicant. It should be clear who the fellow's mentor(s) will be. The mentor must provide a CV (maximum of 5 pages) or a bio sketch as well as a statement of the plan for training the fellow.

In the case of a fellowship application for a fellow to be named, the same type of CV will be required before final approval.

ADDITIONAL REQUIREMENTS FOR APPLICANTS WHO HAVE PREVIOUSLY APPLIED

If this grant is a revision of a previous grant that was not funded, please provide the title of the previous grant, the date of submission as well as a brief response to the reviewers' comments. Please describe how the grant has been modified in response to the comments, **and, whether additional preliminary data are included.** Additionally, if appropriate, explain why other concerns could not be addressed. This response ("Response to Reviewers' Comments") should be no more than 1 page, and should be a separate page that should be placed at the beginning of the grant application. It does not count toward the 9 page grant limit. The sections containing changes in the application should be marked with a line at the margin.

ADDITIONAL REQUIREMENTS FOR APPLICANTS WHO HAVE PREVIOUSLY BEEN FUNDED

If this grant is a continuation of work previously funded by the CRF, please provide the title of the grant, the date of submission as well as a summary of the work that was completed during the prior funding period, including, if appropriate, any barriers that prevented completing the work proposed in the prior grant. This response ("Summary of Prior CRF Funded Work") should be no more than 1 page, and should be a separate page that should be placed at the beginning of the grant application. It does not count toward the 9 page grant limit.

SUBMISSION INFORMATION

All applications should be submitted electronically only. **We no longer require paper copies of the application.**

The electronic copy of the proposal must be submitted on or before Monday, April 19, 2021.

Please contact Nancy Stack if you have any questions nstack@cystinosisresearch.org

PARTIAL LIST OF GRANTEE OBLIGATIONS

Upon acceptance of research funding by the Cystinosis Research Foundation, the award recipient agrees to the following (among other requirements):

1. The recipient of any grant award from the CRF must use the funds for the specific purpose for which they were originally intended in the grant or fellowship application. *The study must commence by the stated start date and end within the time frame given.* If the study is delayed, the CRF must immediately be notified and a detail explanation of the reasons for the delay must be explained and sent to the CRF by email as well as a hard copy via regular mail. If an extension of time is required, the awardee must notify the CRF in writing 60 days before the scheduled end date of the study.

2. Progress reports are required at regular intervals for the duration of the study and a final report is required and due within sixty days after the completion of the date of the award. The final grant payment will be made to the award recipient(s) upon receipt of the final report. These progress reports should be an executive overview of the study's progress against key milestones and should include any personnel updates. The progress reports must also include a budget report which shall be a one- page detailed accounting of budget receipts and expenditures. All progress reports should be sent electronically to Nancy Stack at nstack@cystinosisresearch.org. The progress and budget reports will be reviewed and if approved, the next scheduled grant payment will be issued.
3. Payment for all CRF awards will be made payable to an institution, university, company or equivalent organizational entity. CRF will not make checks payable to an individual, whether that person is the principal investigator or someone within the awardees' institution. The CRF will issue grant payments in U.S. dollars only.
4. If the research proposal funded is clinical in nature and requires recruitment of volunteers for the study, the recruitment letter must acknowledge CRF as the source of funding and such recruitment letter must be sent to Nancy Stack, nstack@cystinosisresearch.org to be posted on the CRF web site.
5. Publications, Presentations and Study Publicity – In all publications and presentations in which Study results are included, credit shall be given to CRF for its funding of the Study. For the sake of uniformity, it is requested that the following acknowledgment be used with all such publications and presentations, “This investigation was supported in whole or in part by [a] grant[s] from the Cystinosis Research Foundation.” If the study was supported by multiple sources but CRF was the major contributing source, language acknowledging that fact must be used. Once published or presented, a copy of the publication or presentation must be sent to Nancy Stack, President of the Cystinosis Research Foundation via email at (nstack@cystinosisresearch.org) or mailed to CRF at 19200 Von Karman, Suite 920, Irvine, CA 92612 Attn: Nancy Stack.

SCIENTIFIC REVIEW BOARD

Chairperson

Corinne Antignac, MD, PhD

Professor
Laboratory of Hereditary Kidney Diseases
Imagine Institute (Inserm U1163)
Paris, France

Board Members

Sergio Catz, PhD

Associate Professor
Department of Molecular and Experimental
Medicine
The Scripps Research Institute
La Jolla, California

Stéphanie Cherqui, PhD

Assistant Professor
Department of Pediatrics
Division of Genetics
University of California, San Diego
San Diego, California

Francesco Emma, MD

Head of Pediatric Nephrology
Director of Nephrology Laboratory
Bambino Gesù Children's Hospital
Rome, ITALY

Laurence Greenbaum, MD, PhD

Division Director of Pediatric Nephrology
Bernard Marcus Professor of Pediatric
Nephrology
Emory University School of Medicine and
Children's Healthcare
Atlanta, Georgia

Paul C. Grimm, MD

Professor of Pediatrics
Stanford University School of Medicine
Pediatric Nephrology
Stanford, California

Julie R. Ingelfinger, MD

Deputy Editor of the New England Journal of
Medicine
Professor of Pediatrics
Harvard Medical School
Boston, Massachusetts

Stephen Jenkins, MD

Assistant Professor, Hospitalist
Department of Internal Medicine
University of Utah Hospital
Salt Lake City, Utah

Aude Servais, MD, PhD

Senior Nephrologist, Department of Adult
Nephrology
Necker Hospital, Paris Descartes University
Paris, France