

NASPGHAN FOUNDATION/TAKEDA PHARMACEUTICAL PRODUCTS INC.
RESEARCH INNOVATION AWARD
Submission Deadline: July 1, 2023

This grant will provide \$75,000 annually for two years (total \$150,000) for innovative, high-impact research in pediatric gastroenterology, hepatology, and nutrition. The intent of this research award is to stimulate scientific inquiry in an area that is exceptionally innovative and has the potential to impact the field in a highly novel manner. Applicants at any career level may apply.

GRANT TERM AND STIPULATIONS

Awards are \$75,000 in direct costs per year for two years. Additional monies are not available for indirect cost recovery. A complete financial statement and scientific progress report are required annually. Funds for grants awarded in 2023 will be disbursed in mid-December 2023. All publications resulting from work supported by the NASPGHAN Foundation must acknowledge support by the relevant funding mechanism. The awardee must attend the NASPGHAN Annual Meeting in San Diego, California, October 2023 to accept the award. The awardee agrees to present the results of the research project at the 2025 NASPGHAN Annual Meeting.

ELIGIBILITY

- The principal investigator must be a member in good standing of the North American Society for Pediatric Gastroenterology, Hepatology and Nutrition for at least one year at the time of the application. Inclusion of co-investigators or collaborators in other scientific disciplines is encouraged.
- Applicants must hold a faculty position at a North American University or research institute and hold an MD, DO, PhD, MD/PhD or equivalent degree.
- The applicant may not hold funding from any granting agency for a project that has an overlapping scientific objective at the time of the award is made or during the two-year period of the award
- Applications in either the clinical, translational or laboratory sciences are eligible.

REVIEW PROCEDURES

The NASPGHAN Research Committee and invited experts in the field will review the applications and score proposals using the National Institutes of Health scoring system. This scoring system uses a 9-point scale for the overall impact score and individual scores for (at least) five scored criteria (significance, innovation, approach, investigators, and environment).

Projects should test novel and significant hypotheses that, if confirmed, will have substantial impact on the field of pediatric gastroenterology, hepatology, or nutrition. Applications from a broad range of inquiry are encouraged. Examples include *but are not limited to*: new model systems, discovery of drugs or other therapeutic agents, innovative clinical techniques or methodologies, biomedical engineering and computational biology, translational diagnostic or therapeutic advances, cell biology and molecular genetics.

Members of the review panel will follow strict conflict of interest guidelines. Contact between the applicant or sponsors with committee members regarding applications is strictly prohibited and will lead to potential disqualification.

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APPLICATION INSTRUCTIONS

***FAILURE TO ADHERE STRICTLY TO THESE, GUIDELINES COULD RESULT IN THE
DISQUALIFICATION OF YOUR APPLICATION***

Completed applications must include the following:

1. NIH biographical sketch in NIH format of the principal investigator and if applicable, other key personnel. The current NIH biosketch format is preferred and instructions (non-fellowship) are posted at <https://grants.nih.gov/grants/forms/biosketch.htm>. The biosketch should list specific aims of all active research funding to permit an assessment of scientific overlap with the investigator's existing extramural funding.
2. The research plan structured according to the NIH format as outlined below with 1/2-inch margins. Times New Roman or Arial font no less than 11 point are required. Page limitations and style requirements are strictly enforced. (No application more than SIX single spaced pages will be reviewed. References are not included in this maximum page count).
 - Scientific summary of the project (one page) - A one page scientific abstract suitable for use in the public domain should succinctly describe the scope of the proposed research, the study hypothesis, its scientific objectives, and the potential for innovation. Relevance of the proposed research to pediatric gastroenterology, hepatology, and nutrition should be emphasized. The names and institutional affiliations of the principal investigator and all co-investigators should be tabulated at the end of this page.
 - Specific aims (one page);
 - * Explain the rationale for the study, overall hypothesis, aims, and significance if successful.
 - Research Strategy (4 pages) including Significance, Innovation, and Approach
 - (a) *Significance*
 - * Explain the importance of the problem or critical barrier to progress in the field that the proposed project addresses.
 - * Explain how the proposed project will improve scientific knowledge, technical capability, and/or clinical practice in one or more broad fields.
 - * Describe how the concepts, methods, technologies, treatments, services, or preventative interventions that drive this field will be changed if the proposed aims are achieved.
 - (b) *Innovation*
 - * Explain how the application challenges and seeks to shift current research or clinical practice paradigms.
 - * Describe any novel theoretical concepts, approaches or methodologies, instrumentation or interventions to be developed or used, and any advantage over existing methodologies, instrumentation, or interventions.
 - * Explain any refinements, improvements, or new applications of theoretical concepts, approaches or methodologies, instrumentation, or interventions.

(c) *Approach*

- * Provide preliminary data (preferred but not required) that supports the premise for the work.
- * Describe the overall strategy, methodology, and analyses to be used to accomplish the specific aims of the project. Include how the data will be collected, analyzed including statistical plan, and interpreted as well as any resource sharing plans as appropriate.
- * Discuss how both the environment and investigators are well suited to complete the proposal.
- * Provide expected results, potential problems, alternative strategies, feasibility, timeline, and benchmarks for success anticipated to achieve the aims. A power calculation is encouraged where relevant to underscore feasibility.
- * If the project is in the early stages of development, describe any strategy to establish feasibility, and address the management of any high-risk aspects of the proposed work.
- * Point out any procedures, situations, or materials that may be hazardous to personnel and precautions to be exercised. For studies involving human subjects, explain whether there is an IRB-approved protocol, and for studies involving animal, explain whether an animal protocol is approved.

(d) *Environment (can be addressed in Research Strategy or personal statement of biosketch)*

- * Will the scientific environment in which the work will be done contribute to the probability of success?
- * Are the institutional support, equipment, and other physical resources available to the investigators adequate for the project proposed?
- * Will the project benefit from unique features of the scientific environment, subject populations, or collaborative arrangements?

- References (not counted towards page limit)

3. A two-year detailed budget must be accompanied by a justification. Salary, equipment, supplies and reasonable travel costs may be budgeted. In accordance with National Institutes of Health (NIH) policy, salary requests may not use an institutional base salary in excess of the current federal salary cap at the time of submission (https://grants.nih.gov/grants/policy/salcap_summary.htm). Fringe benefits may be requested if they are treated consistently by the applicant institution as a direct cost to all funding agencies and foundations. *Indirect costs are not allowed.*