

[Home](#) / Grants

# Grants

The ACS GCI Pharmaceutical Roundtable has identified key synthetic chemistry and process research challenges whose solutions would result in more efficient pharmaceutical process development and production. To spur research in these areas, the Roundtable created and maintains a research grant program, whose impact over the years has been recently documented. The Roundtable also advocates for targeted green chemistry and engineering support to academic and government labs from international and U.S. federal funding agencies.

## Research Grants

The ACS GCI Pharmaceutical Roundtable identifies key synthetic chemistry and process research challenges whose solutions would result in more efficient pharmaceutical process development and production. To spur research in these areas, the Roundtable initiated a grant program in 2007 and has invested over \$3.5 million (US) in research to date. New Request for Proposals (RFPs) are issued in the spring each year.

## 2024 Grant Submissions Are Open.

Proposals are accepted by public and private institutions of higher education worldwide. Follow the guidelines in the request for proposals and submit your application via your grant office in our application portal.

Apply here: <https://gci.acs.org>

**Application Deadline: May 17, 2024, 5 p.m. EDT**

Notification of Selection: September 2024

Expected Research Start Date: October 2024

## 2024 KEY RESEARCH AREA GRANTS

These grants are on a select list of topics prioritized by the Roundtable each year. Successful proposals will receive \$80,000 for a 12-month research commitment.

- [Alternatives to Halogenated Solvents in Organic Synthesis](#)

Develop practical alternatives to halogenated solvents (e.g., new solvents, solvent combinations, solvent

mixtures, computational modeling, recycling systems, etc.)

- Data Science and Modeling Tools to Advance Green Chemistry & Engineering

Towards the development of computational tools that empower users to effectively design, implement, and evaluate green processes with reduced process mass intensity, waste, health and safety impact, and other aspirational improvements.

- New Methods or Strategies for Greener Peptide Synthesis and/or Purification

Develop novel methods and strategies for improved solid phase peptide synthesis.

- Sustainable Oligonucleotides Process Development

New technologies and/or optimization of existing methods to address the environmental challenges facing the current process of oligonucleotide manufacturing.

## 2024 IGNITION GRANT PROGRAM

Ignition Grants provide \$40,000 for a 6-month research commitment. Proposals can be on any new green chemistry or green engineering research direction of relevance to the pharmaceutical industry.

- Ignition Grant for Green Chemistry and Engineering

## Awarded Grants

2023	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013
2012	2011	2010	2009	2008	2007					