



# ALERT

*Supporting research and early career endeavors of scientists in drug discovery and development*

## ***Deadline May 20, 2021 Apply Now for Drug Discovery/Drug Delivery Grants***

The PhRMA Foundation is pleased to announce funding opportunities that provide substantial support for research in **Drug Delivery** and **Drug Discovery**. Funding of up to \$100,000 is available, with categories including pre/post-doctoral fellowships and research starter grants. Deadline for Letters of Intent for the new grants is **May 20, 2021**.

Pre-doctoral awards will provide \$25,000 per year in support for up to two years; post-doctoral awards will provide \$50,000 per year in support for up to two years; and research starter grants will provide \$100,000 in support for one year.

### **General Eligibility Criteria**

- All applicants must have a firm commitment from an accredited U.S. university or research institution.
- Applicants do not have to be U.S. citizens or U.S. residents.

### **Application Process**

Two steps are required to apply for these awards:

1. Submit a letter of intent due **May 20, 2021**. For details visit: <http://www.phrmafoundation.org/awards/>.
2. Those whose submissions are selected will be notified by **July 1, 2021** and asked to complete a full application.

### **About Drug Delivery**

Drug Delivery strongly emphasizes the quantitative understanding and use of the principles underlying drug transport, route of administration, formulation composition, technology development and manufacturing/engineering aspects intended to improve drug product safety and efficacy, including patient compliance.

Drug delivery research falls into four broad categories—drugs, delivery vehicles and formulations, routes of delivery, and targeting strategies. Today's "drugs" include small molecules, peptides, proteins, antibodies, vaccines, oligonucleotides (gene modification), modified live cells (stem cells, CAR-T cells), bacteria (microbiome related) and viruses as delivery vectors. Developing vehicles and novel technologies is important for delivering increasingly complex drugs by alternate routes of administration. Of equal importance is the quantitative impact of drug molecular properties and formulation composition on the engineering factors and subsequent manufacturing processes.

### **About Drug Discovery**

Drug Discovery is the process through which potential new medicines are identified. It involves integration of a range of scientific disciplines, including innovative and unique biology, chemistry and pharmacology.

Modern drug discovery has extended beyond traditional small molecules to embrace a variety of novel therapeutic approaches, including peptides, oligonucleotides, antibodies, proteins, stem cells and CAR-T cells. The evolving process of drug discovery should include innovative culture-based and animal-based efforts that embrace new cutting-edge technology, including target-specific structural and computational drug-based design and the use of genomics.

Candidates whose research falls into the general parameters of Drug Delivery and Drug Discovery, as described above, should visit <http://www.phrmafoundation.org/awards> for more information -- including more detailed eligibility requirements and instructions for applying.

For more information, call 202-572-7756 or email [jwestphal@phrmafoundation.org](mailto:jwestphal@phrmafoundation.org).

Don't wait. Please share with your interested colleagues and be sure to apply if you are eligible.

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**Visit our website for more information**

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