

The Alzheimer's Drug Discovery Foundation Presents:

# 13<sup>th</sup> ANNUAL DRUG DISCOVERY FOR NEURODEGENERATION: An Educational Course on Translating Research into Drugs

March 17-19, 2019 • Long Beach, CA

## COURSE OBJECTIVES

1. Train a cadre of interdisciplinary scientists in the principles of drug discovery for neurodegenerative disease;
2. Provide a platform to exchange ideas, knowledge and resources about drug discovery for neurodegenerative disease;
3. Stimulate pre-clinical research in the discovery and testing of novel compounds aimed at the prevention and treatment of neurodegenerative disease; and
4. Build public-private partnerships that will accelerate drug discovery for neurodegenerative disease.

## TARGET AUDIENCE

- Academic and industry scientists engaged in drug discovery research for neurodegenerative disease or CNS
- Business development & licensing professionals
- Alliance management professionals
- Young investigators and graduate students

## SCHOLARSHIPS

The Alzheimer's Drug Discovery Foundation invites applications for the 2019 ADDF Young Investigator Scholarships. Review application details on the conference website.

## GROUP DISCOUNTS

Discounts are offered for groups of three or more from the same organizations. Press passes are also available.

## WHAT ATTENDEES WILL LEARN

1. Challenges and opportunities in academic drug discovery
2. Fundamentals of medicinal chemistry relevant to drug discovery for neurodegenerative diseases
3. Newest trends in assay development and high throughput screening (HTS)
4. Go-no-go criteria for preclinical development, including pharmacokinetic behavior of candidate compounds, aqueous solubility, blood-brain barrier permeability, preliminary safety, and manufacturing issues
5. Study design considerations for animal model experiments
6. Biologics for challenging CNS targets and strategies to optimize brain delivery
7. Requirements for an Investigational New Drug (IND) application
8. Commercialization strategies for developing science into products
9. Best practices for working with tech transfer offices, managing intellectual property, and the role of funding organizations
10. Funding and resources for preclinical therapeutics development for neurological disorders.

[tinyurl.com/addf-ddnd](http://tinyurl.com/addf-ddnd)

The  
**Drug Discovery for Neurodegeneration**  
conference

advances drug discovery for neurodegenerative diseases by educating scientists on the process of translating basic research into novel therapies.

The course is designed to give participants knowledge and relevant resources about this field of scientific investigation and address the associated barriers and challenges.

The program will focus on  
Alzheimer's disease,  
Parkinson's disease, and  
Multiple Sclerosis.



Alzheimer's  
**Drug Discovery**  
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