

WHO WE ARE 1

“Grand Challenge to Provide Grant Funding and Resources to Facilitate Small Molecule Drug Discovery and Development to Treat CNS Disorders”

In 2011, the NIH Blueprint for Neuroscience Research, a consortium of 15 NIH Institutes and Centers that support neuroscience research, launched the Blueprint Neurotherapeutics Network (BPN).

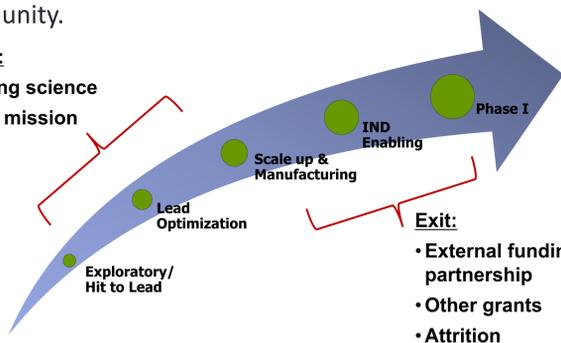
The BPN serves as a pipeline between the typical endpoint of NIH-funded research and the beginning of industry drug development. The BPN provides neuroscience researchers with funding and access to a full range of industry-style drug development services and expertise. The program is intended for projects requiring medicinal chemistry optimization and CRO support through phase I clinical testing. Each project is directed by a Lead Development Team composed of the principal investigator, industry consultants hired by NIH, and NIH staff.

PROGRAM GOALS 2

- To de-risk potential therapeutics to the point that industry will invest in them allowing potential new drugs to reach patients efficiently.
- To provide grant funding and necessary resources (contracts, consultants, etc.) that are typically lacking in our research community.

Entry:

- Strong science
- BPN mission



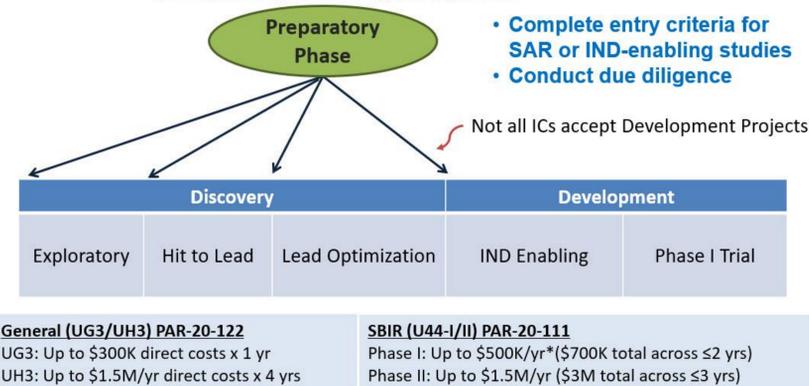
- ### Exit:
- External funding/partnership
 - Other grants
 - Attrition

WHAT WE OFFER 3

- BPN provides non-dilutive funding to investigators from academia and industry.
- Investigators retain rights to intellectual property.
- Access to CRO's under contract to NIH.
- Access to consultants and staff with extensive industry experience covering the major needs:
 - Assay development expertise, pharmacology, medicinal chemistry, pharmacokinetics, toxicology, process research, chemical/formulation development, and Phase I clinical testing.
- Fast track SBIR U44 grants for small businesses.

ENTRY STAGES AND MECHANISMS 4

All Projects Begin with Preparatory Phase



Next Anticipated Application Due Date : August 11, 2020

Participating ICs: NINDS, NIA, NIAAA, NIDA, NIMH, NICHD, NIDCR, NCCIH, NEI

ENTRY CRITERIA 5

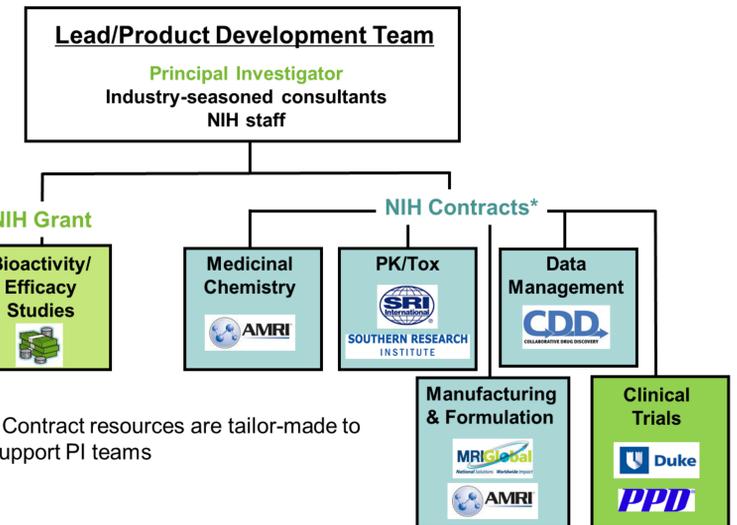
Discovery

- Disease Biology**
 - Novel target for the disease
 - Strong biological validation
 - Feasible path to the clinic
- Assays**
 - Robust in-vitro assay for optimization
 - Strong confirmatory assays
- Compounds**
 - Project must require medicinal chemistry
 - Amenable to chemistry
 - IP free of obvious roadblocks

Development

- Fully Optimized Compound**
 - Strong data linking target to disease
 - Biological & ADMET activity appropriate for intended clinical use
 - Efficacy/PD when delivered by clinically intended route
 - Fully profiled, defensible ADMET results
 - Feasible path to the clinic
 - IP free of obvious roadblocks

INFRASTRUCTURE, EXPERTISE, & FUNDING 7



BPN PROJECTS IN THE NEWS 8



AgeneBio Announces Additional Funding to Advance Novel GABA-A Therapeutic Program to Address Alzheimer's and Other CNS Conditions

- AgeneBio has been awarded nearly \$500,000 from the Alzheimer's Drug Discovery Foundation and has been selected to receive a Small Business Innovation Research grant from the National Institute on Aging of up to \$2.9 million



EicOsis Announces FDA Acceptance of IND Application for EC5026, the First Soluble Epoxide Hydrolase Inhibitor to Treat Pain

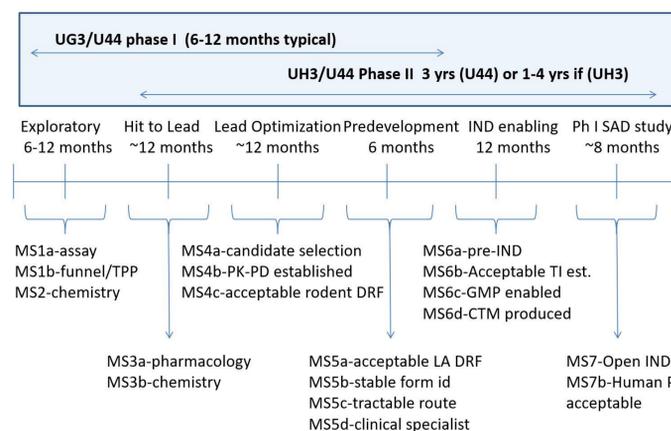


Tetra Discovery Partners Initiates Phase 2 Clinical Trial of BPN14770 in Patients of Early Alzheimer's Disease



Belite Bio Announces FDA Approval of Investigational New Drug (IND) for Phase I Clinical Trial of LBS-008 to Treat Macular Degeneration and Stargardt Disease

MILESTONE PROGRESSION BY STAGE 6



Grant duration maximum of 5 years for the combination of the both phases

CONTACT INFORMATION 9

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