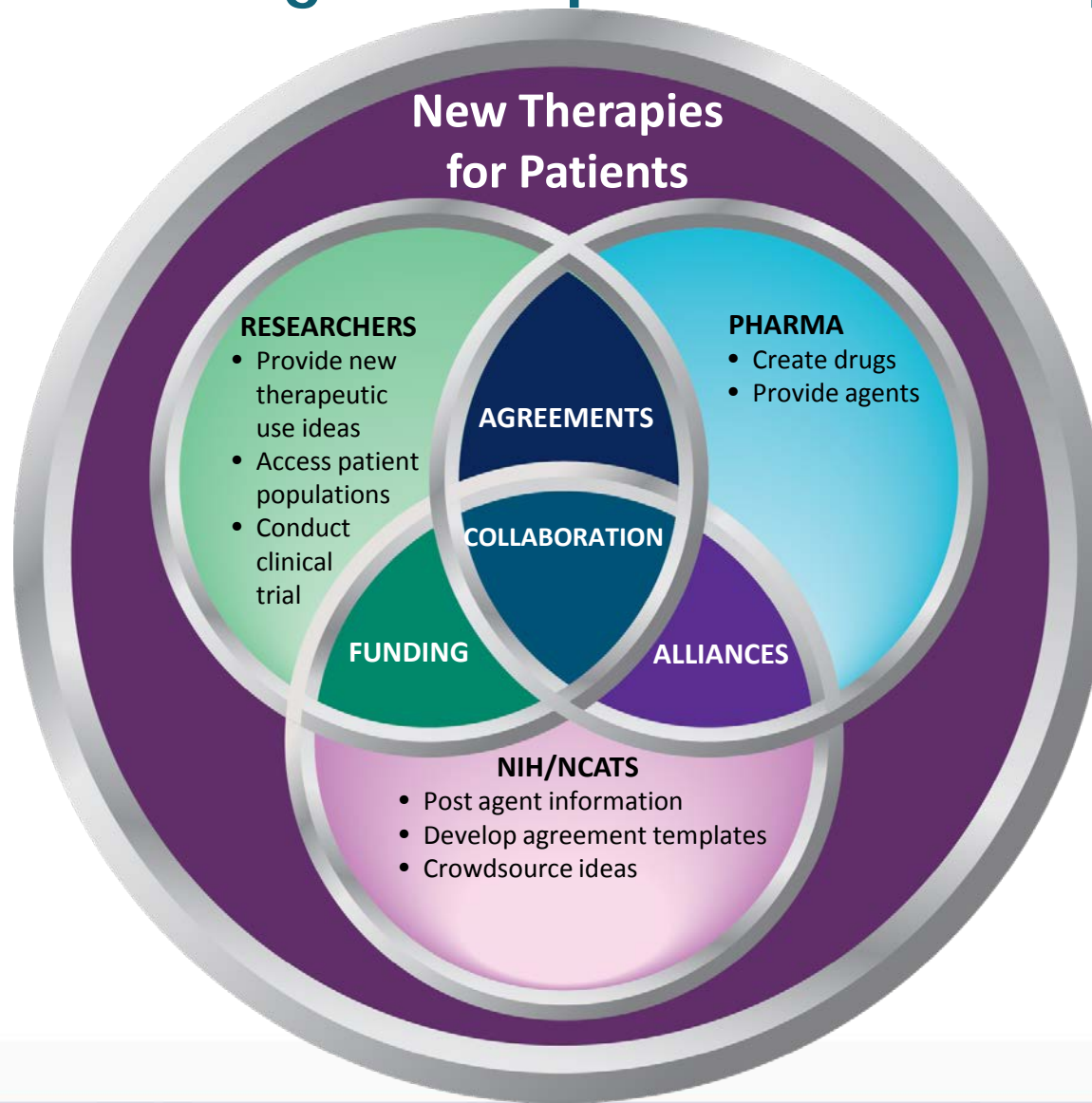


NEW THERAPEUTIC USES (NTU) PROGRAM

Christine Colvis, Ph.D.

NCATS

Accelerating Therapeutic Development



Pilot Program Awards Issued June 2013

Disease	Academic Partner	Pharma Partner
Alzheimer's Disease	Yale	AstraZeneca
Alcoholism	U Rhode Island/NIAAA	Pfizer
Calcific Aortic Stenosis	Mayo Clinic	Sanofi
Duchenne Muscular Dystrophy	Kennedy Krieger/UWash	Sanofi
Lymphangi leiomyomatosis	Baylor	AstraZeneca
Peripheral Artery Disease	U Virginia	AstraZeneca
Smoking Cessation	VCU/Pittsburgh	Janssen
Schizophrenia (2)	Indiana U	Lilly
	Yale	Pfizer

Alzheimer's Disease Project Timeline

- 2012
 - June - NTU FOAs published
 - July - Strittmatter Nature Neuroscience paper on Fyn in AD ePub
 - August - pre-application due

Alzheimer **amyloid- β** oligomer bound to postsynaptic prion protein **activates Fyn** to impair neurons.

- [Nat Neurosci.](#) 2012 Sep;15(9):1227-35. doi: 10.1038/nn.3178. **Epub 2012 Jul 22.**
- [Um JW¹](#), [Nygaard HB](#), [Heiss JK](#), [Kostylev MA](#), [Stagi M](#), [Vortmeyer A](#), [Wisniewski T](#), [Gunther EC](#), [Strittmatter SM](#).

Alzheimer's Disease Project Timeline

- 2012
 - June - NTU FOAs published
 - July - Strittmatter Nature Neuroscience paper on Fyn in AD ePub
 - August - pre-application due
- 2013
 - June - award made
 - August - first subject dosed for Phase 1b
- 2014
 - Dec/Jan - Phase 2a begins
- 2015
 - Feb - animal data epub ahead of print
 - March - Sen. Mikulski visits NCATS
 - April - human phase 1b results published
 - June - Presentation to council