

# NCATS Advisory Council September 2015

## Concept Clearance

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### DRUG REPURPOSING

Christine Colvis, PhD  
Bobbie Ann Austin, PhD

# NCATS

# Concept Description

Support pre-clinical studies, clinical trial planning, and early stage clinical trials

- Where the hypothesis originates from the use of a publicly available method or tool for identifying new indications for existing drugs
  - Independent crowdsourcing strategies
  - Computational algorithms
- Or where investigators propose a way to improve the success or efficiency of the clinical trial

# Goals

- Assess a variety of methods for identification of new drug/indication pairs or new combination therapies for drug repurposing studies by supporting *use cases*.
- Improve the translational efficiency of clinical trials for drug repurposing studies.
- De-risk future exploration of existing drugs for use in new diseases.
- Uptake of systematic drug repurposing methods, that when successfully implemented, can result in getting more drugs to more patients more quickly.

# Impact

This effort will provide an opportunity to test the utility of publicly available methods for identifying new indications for existing drugs that can be adapted in other drug repurposing studies to accelerate the rate that new therapies get to patients.