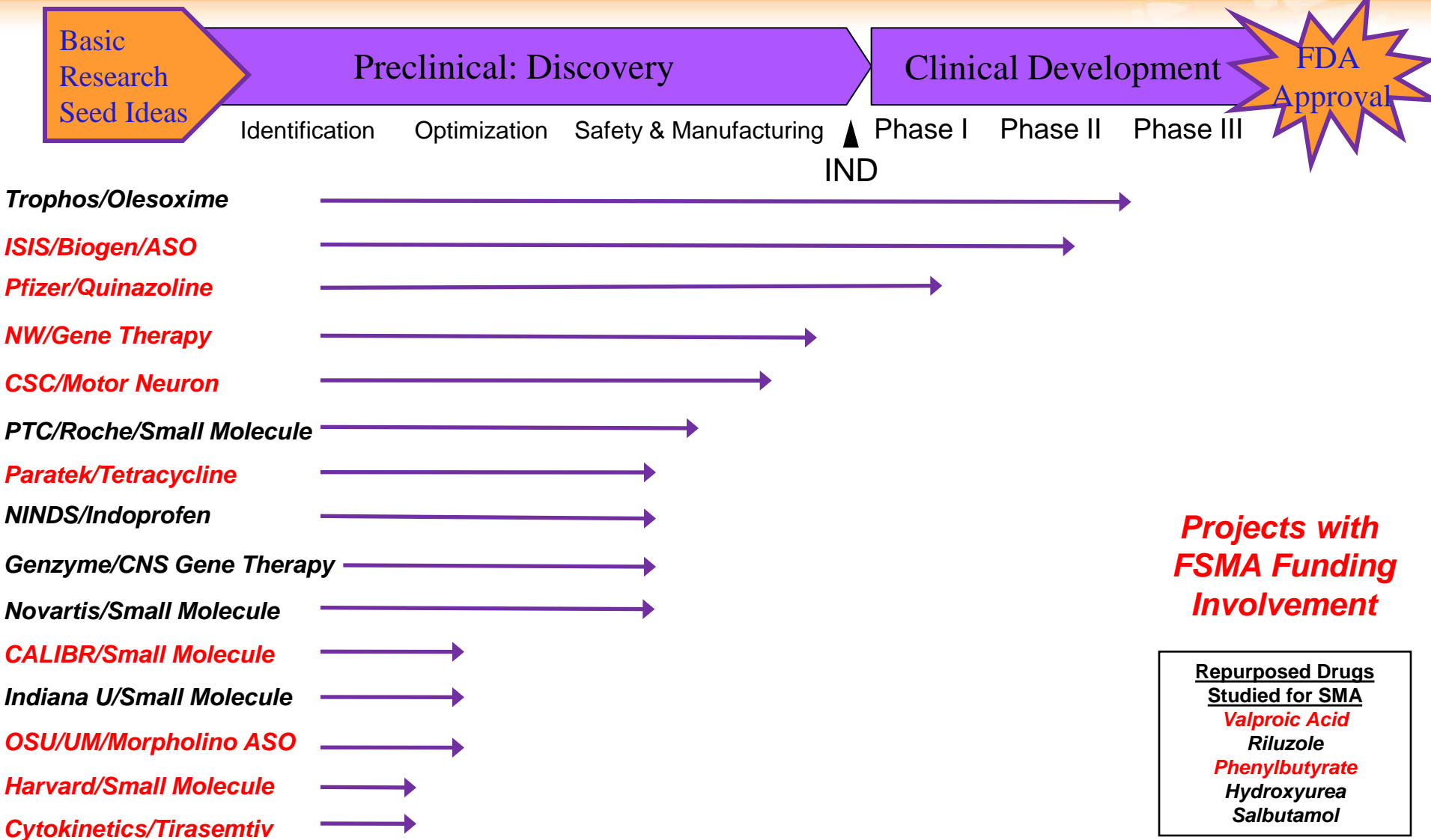


# SMA Drug Pipeline - 2013



**Projects with FSMA Funding Involvement**

- Repurposed Drugs Studied for SMA**
- Valproic Acid*
  - Riluzole*
  - Phenylbutyrate*
  - Hydroxyurea*
  - Salbutamol*

ASO = Antisense Oligonucleotide  
 NW = Nationwide Children's Hospital in Columbus, Ohio  
 CSC = California Stem Cell - On Clinical Hold  
 NINDS = National Institute of Neurological Disorders and Stroke  
 CNS = Central Nervous System  
 OSU / UM = Ohio State University / University of Missouri

