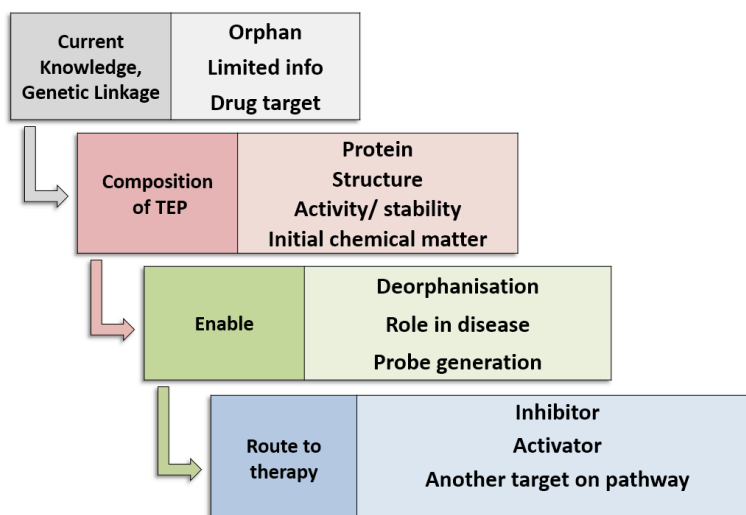


SLIT1 (slit guidance ligand 1)

A Target Enabling Package (TEP)

SLIT1 is a secreted axon guidance factor that through association with the Robo receptor family can direct the axonal repulsion and appropriate developmental synapse formation. The identification of SLIT1 in a core module identified in proteomic studies of AD brain suggests an involvement in AD, and further investigation, as little is currently known about SLIT1 involvement in AD. The goal of this project is to develop validated antibodies, purified protein, and a bioinformatics workup as part of the SLIT1 target enablement package (TEP). We hope these resources will be useful to the scientific community in advancing the understanding of its role in AD pathogenesis. **The aim of this project is to produce TEP reagents to help further understand the biology of SLIT1 in Alzheimer's disease.**

The Target Enabling Package (TEP) programme's foundation is built upon the recognition that genetic data is proving to be a powerful tool for target validation. As such, TEPs provide a critical mass of reagents and knowledge on a protein target to allow rapid biochemical and chemical exploration and characterisation of proteins with genetic linkage to key disease areas. TEPs provide an answer to the missing link between genomics and chemical biology, provide a starting point for chemical probe generation and therefore catalyse new biology and disease understanding with the ultimate aim of enabling translation collaborations and target/drug discovery.



Future versions of this document will contain experimental data about the SLIT1 TEP.
For more information regarding any aspect of TEPs and the TEP programmes, please contact
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