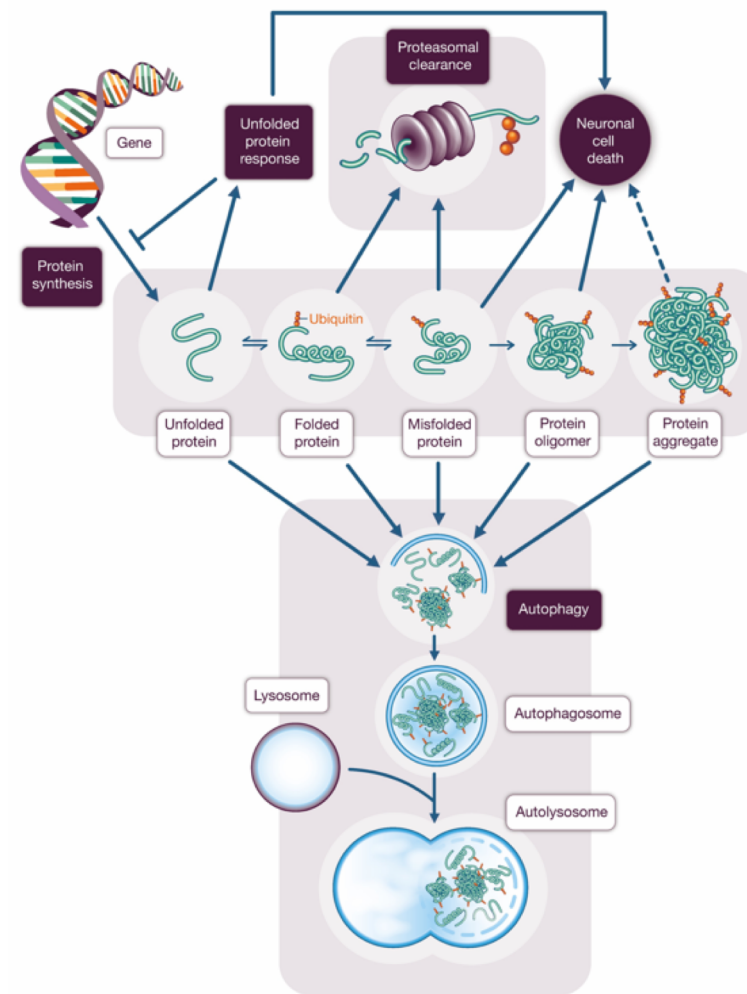


# The ALBORADA Drug Discovery Institute



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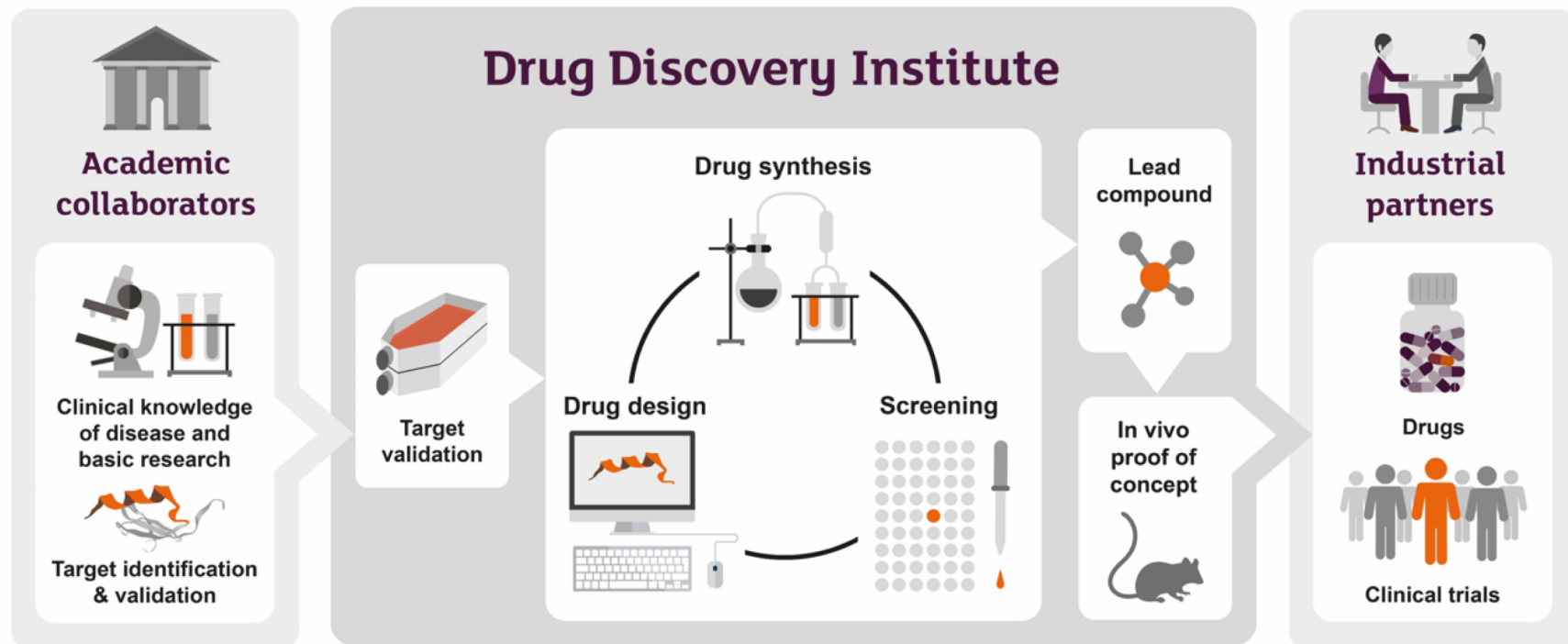
The ALBORADA Drug Discovery Institute

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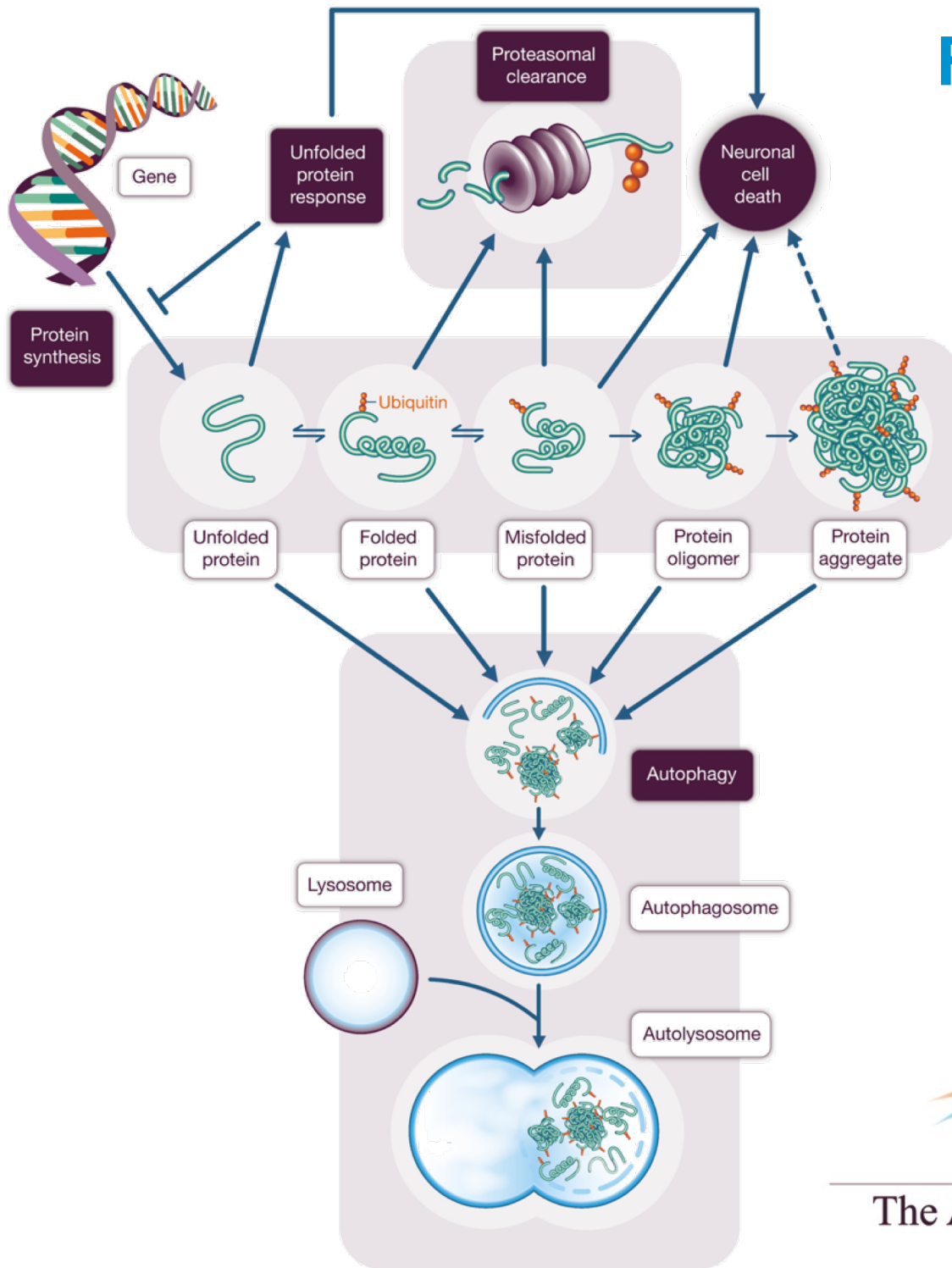
## Mission:

- Take the latest science into dementia and turn it into new drug discovery projects
- Generate molecules that are the seeds for the next generation of medicines
- Differentiate from industry in terms of novelty and risk

**Funding:** £10M over 5 years

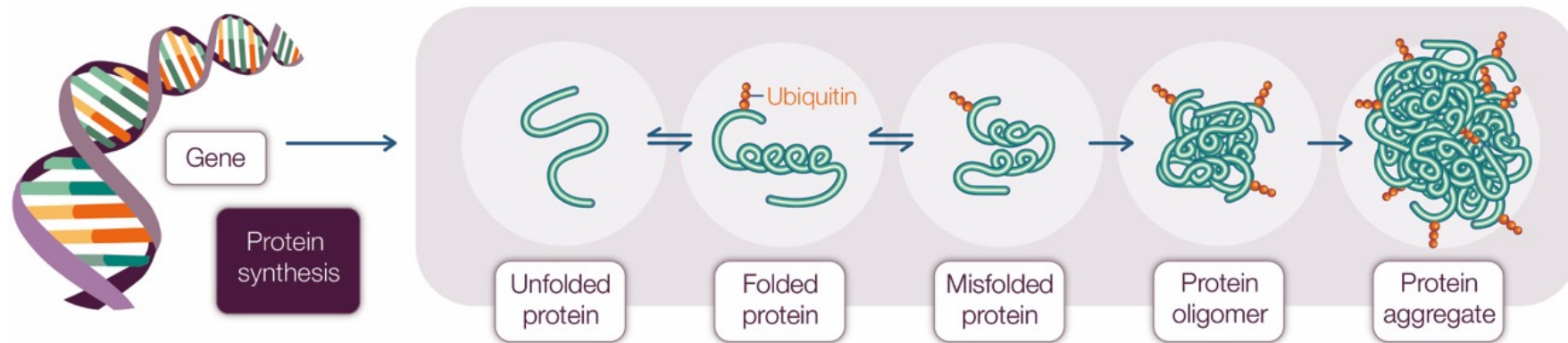


# Focus on proteostasis



The Cambridge DDI is exploring approaches to reducing levels of the toxic protein species that drive pathology in diseases such as **Alzheimer's**, **Parkinson's** and **Lewy Body disease**, **FTD**, **ALS** and **Huntington's**

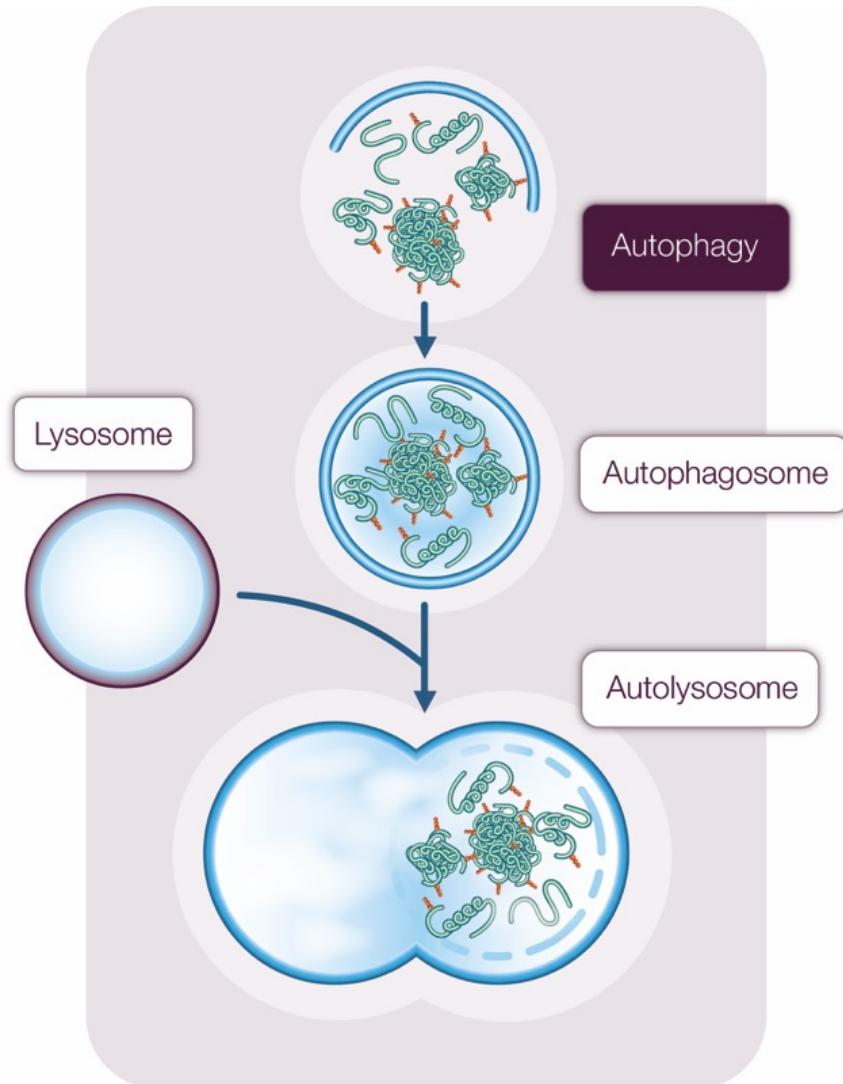
# Modifying protein misfolding and aggregation



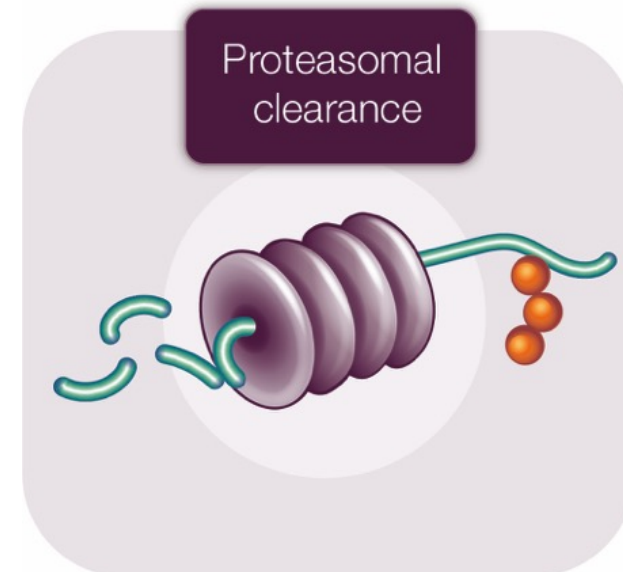
- Enhancing and controlling **chaperone** behaviour
- Controlling **stress granule** formation and **phase separation**
- Manipulation of **post translational modification**
- Manipulation of **ER stress** and the **unfolded protein response**

# Enhancing cellular protein clearance pathways

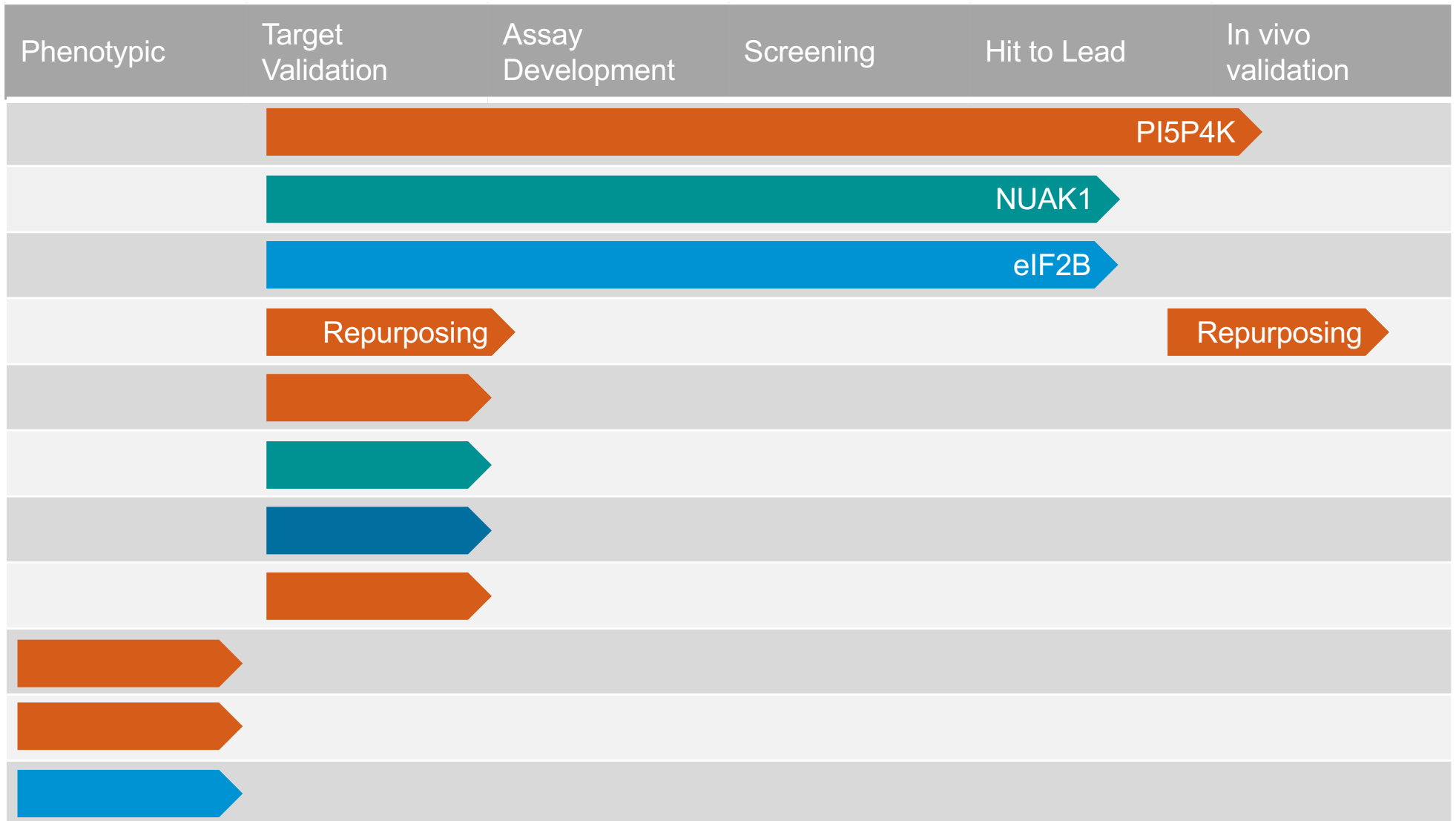
## Autophagy



## Proteasomal Clearance



# Public Pipeline



**Autophagy**  
**Proteasomal Clearance**  
**Unfolded protein response**  
**Chaperones**



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