

AETIONOMY

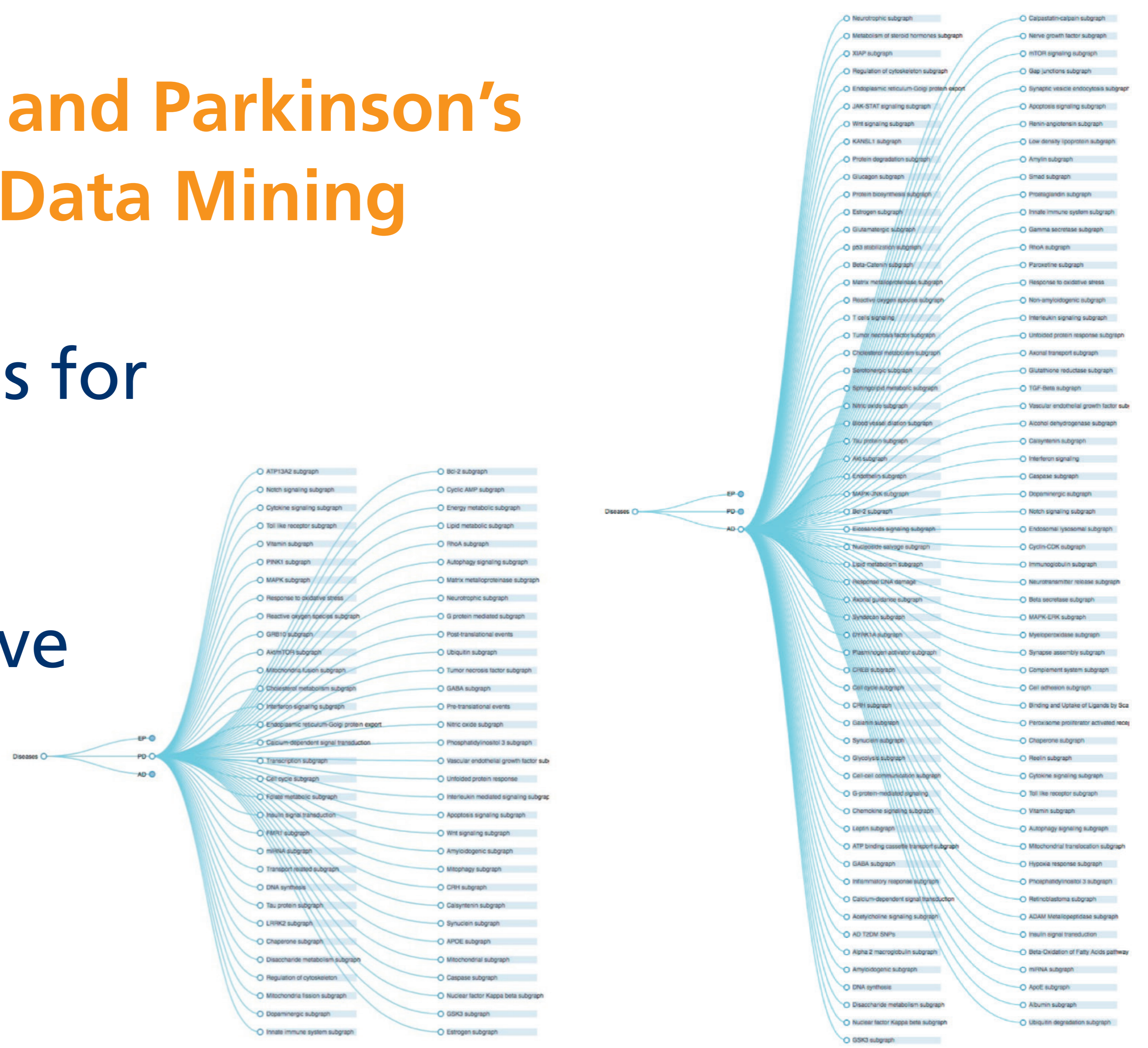
Generating a mechanism-based taxonomy of Alzheimer's and Parkinson's disease and validating in the course of a prospective clinical trial

TRANSFER TO HEALTH CARE

An inventory of mechanistic hypotheses for Alzheimer's and Parkinson's disease

Hypotheses for Alzheimer's and Parkinson's Disease by Knowledge and Data Mining

- 126 candidate mechanisms for Alzheimer's and
- 76 candidate mechanisms for Parkinson's disease have been identified.



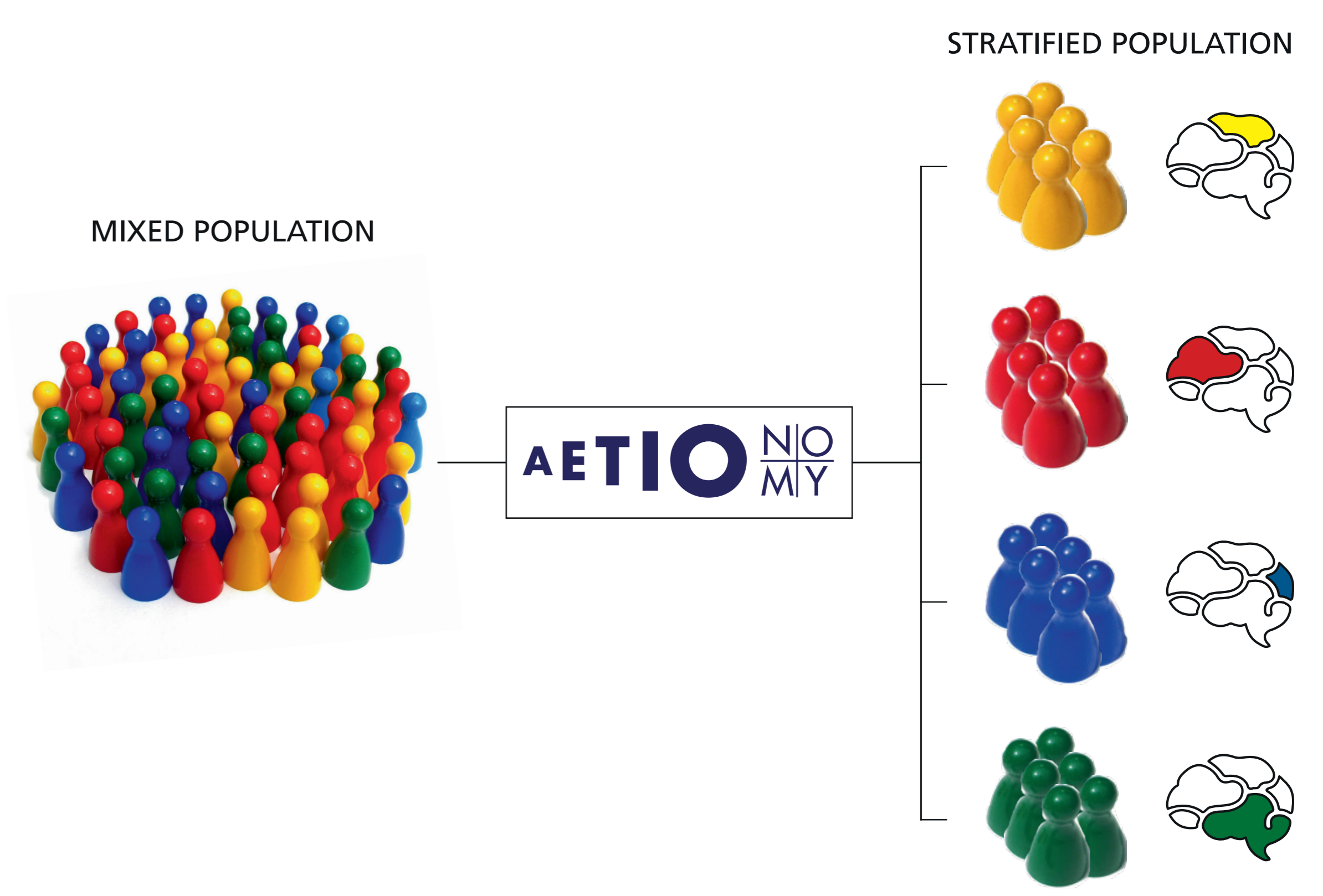
Clinical Study

- 420 patients for Alzheimer's and Parkinson's disease have been recruited and sample analyses are done for the validation of disease hypotheses.

AETIONOMY CS	PD group				AD group			Total Subjects	
	IPD patients	Familial form of PD (FPD)	At risk PD subjects (AR-PD)	Healthy PD controls (HC-PD)	At risk AD subjects (AR-AD)	Prodromal AD subjects (PAD)	Healthy AD controls (HC-AD)		
All centers	Estimated number of subjects	284	55	70	112	40	60	60	681
	Actual number of subjects	255	25	39	92	5	2	2	420

Patient stratification

- Patient subgroups have been identified based on computable mechanism graphs.
- This is the first step towards a mechanism-based taxonomy of neurodegenerative diseases.



www.aetionomy.eu



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