

AAIC Express: Data Sharing Platforms (Featured Research Session)

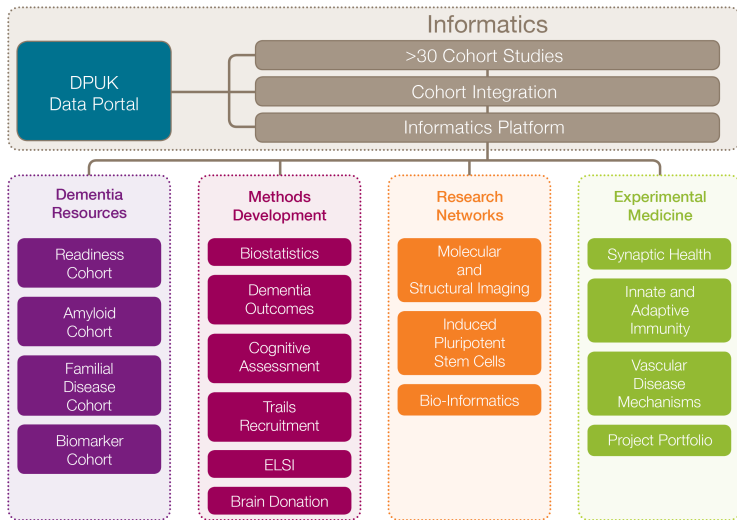
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- Enables rapid analysis of 38 UK-based existing studies (2 million subjects)
- Available data: EHRs, genetic, imaging and wearables data
- Infrastructure investments:
 - 7 PET-MR scanners
 - Multi-modal informatics network
 - Stem-cell network
- DPUK goals:
 - Enables risk stratification for early phase trials
 - Technology development for
 - molecular and structural imaging
 - stem cell research
 - bio-informatics



Dementias
Platform^{UK}
Medical Research Council





- Recruiting participants for AD trials is difficult
- EPAD allows recruitment of suitable patients from other clinical trials
- 9 cohorts currently signed up, 17,000 non-demented participants
- Cohort owners provide anonymised data on AD risk factors and demographics
- Adaptive Clinical trials:



- Platform for cohort discovery and data exploration
- Integrates data from over 60 Data Partners (DP)
 - ADNI, DIAN, AIBL, Brain Health Registry, CLSA, E-ADNI, EDSD, ...
- Provides data visualisation and analysis tools in the browser
- Funded by Alzheimer's Association

