

Dementias Platform UK (DPUK)

- Created in 2014
- Funded by the MRC
- Investigator-led research and clinical trials
- Multiple networks within DPUK
 - Stem Cells
 - Informatics
 - Molecular imaging
- Molecular imaging
 - Includes PET/MR

DPUK Imaging Network

- Two existing PET/MR sites
 - KCL, UCL
- Five additional PET/MR sites
 - Cambridge, Edinburgh, Imperial/Imanova, Manchester, Newcastle
- Non PET/MR sites
 - Cardiff, Oxford
- Other sites may join
- Intention to collaborate with international networks

DPUK Imaging Network: Infrastructure

- PET/MR
 - 2 Siemens mMR
 - 5 further scanners (Siemens mMR or GE Signa)
- PET/CT
 - GE 690 (Cardiff, Oxford)
- Centralised data management and analysis

DPUK Imaging Network: Key PET targets

- Amyloid
 - PIB, Florbetapir, Flutametamol, Florbetaben
- Tau
 - AV-1451
- Inflammation
 - PK11195, PBR28, GE-180
- Key endpoints
 - BP_{ND}
 - SUVR