

Studies of radiolabelled products

We offer a full service for phase 1 studies of radiolabelled products. We have long experience of studies with radiolabelled investigational medicinal products (IMPs) and non-IMPs. We have done more than 80 of them.

- **ADME:** ^{14}C , ^{125}I and ^3H 40 studies
- **PET:** ^{11}C and ^{18}F 30 studies
- **radionuclide probe:** ^{51}Cr , $^{99\text{m}}\text{Tc}$ and ^{125}I 10 studies
- **microdose:** ^{14}C 'light label' 3 studies

For PET studies, we work with Imanet (GE Healthcare, Hammersmith Hospital), who prepare and administer the ligand, and do the PET scans.

For microdose studies, we work with Xceleron UK, who provide the accelerator mass spectrometry service.



Clinical facilities for radiolabelled studies

- spacious new premises with separate areas for studies of 'light label' and conventional doses of radionuclide
- integrated laboratory areas for processing samples

Radiolabelled product

- sponsor provides, or we organise preparation

Radiopharmacy

- capsules
- solutions and suspensions
- sterile iv solutions
- microdoses

Laboratory

- liquid scintillation counting
- support for ADME
- QC of specific activity



Staff

- experienced staff: clinical, pharmacy, laboratory, QA, and radiation protection adviser

Certification

- ARSAC licence
- Environment Agency licence
- MHRA Supplementary Accreditation
- MHRA Manufacturer's Authorisation
- College of American Pathologists Accreditation
- ISO 9001 Quality System



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Websites

- www.hmrlondon.com (phase 1 studies)
- www.xceleron.com (accelerator mass spectrometry)
- www.imanet.com (cyclotron, radioligands and PET scans)
- www.selcia.com (chemistry, isotopes and analytics)