

LIVIm: LRI *In Vivo* Imaging club

From Whole body to sub-cellular, in health and disease

In vivo imaging is at its essence a multidisciplinary field requiring knowledge in areas as diverse as biology, veterinary medicine, human health, physics, chemistry and mathematics to develop new technologies and exploit them to offer validated applications.

The aim of LIVIm is to stimulate multidisciplinary links, discussions and collaborations between actors across this field, both considering development and exploitation.

The primary focus of LIVIm is to cover any aspects related to imaging of animal models, but contributions from the clinic will also be very welcome. This includes (but is not limited to) new development or exploitation of image acquisition techniques, probes, contrasting procedures and reporter systems, animal models, image processing and quantification, mathematical modeling, quality control and validation of the results etc...

Any field of application will be relevant, ranging from basic research to pharmacokinetic / pharmacodynamic studies, diagnosis, biomarkers and companion diagnostics, development of improved exploitation of animal models, animal welfare and 3Rs etc...

The LIVIm offers an informal environment: aside of senior investigators, PhD students, post-docs and junior group leaders are warmly invited to present and discuss their ongoing and future projects.

Format of the presentations

Ideally we are expecting 1 senior and 1 junior or 2 junior investigators / session

Munchies and drinks will be provided to favor discussions and networking opportunities

Where and When?

- London Research Institute, 44 Lincoln's Inn Fields, WC2A3LY London - room G37A&B (see indications attached)
- Monday from 17h30 to 19h30, every other months starting on **Monday September 24th**
- **Provisional calendar:** 2012 September 24th / November 26th / 2013 January 28th / March 25th

Registration is free but required: If you would like to attend - or even better, to present - please register by sending an email with your details at livim@cancer.org.uk

LIVIm: LRI *In Vivo* Imaging club

“From Whole body to sub-cellular, in health and disease”

Instructions for speakers

- Junior investigators (PhD students, Post-docs & junior group leaders)

- ✓ The presentation itself should not exceed 25 minutes
- ✓ When applicable, it might be suitable to emphasize the following points during the talk:
 - Explain the choice of the animal model used
 - Measures to assess and ensure animal welfare, potential impact on 3Rs
 - Explain the choice of the imaging technology
 - Steps taken to validate the data presented (cross validation, ex-vivo etc ...)
 - Benefits of using a particular *in vivo* imaging technique as compared to other (image-based or not) approaches

- Senior group leaders

- ✓ The presentation itself should not exceed 45 minutes