Laboratory animal necropsy or: How to get the most of your mouse (or rat)?
One-Day-Course on Necropsy Techniques, 18.2.2013, Medical Campus, Oulu

Course leader: Giovanni Pellegrini, DVM, the Finnish Center for Laboratory Animal Pathology FCLAP
Organizer: Raija Soininen, Biocenter Oulu; Nordic Infrastructure for Mouse Models NorIMM; Biocenter Finland/FinnMouse

Registration: There is no fee but registration is required. Number of participants in the practical session is restricted to 15 persons, and places are offered on a first-come, first-serve basis. To register, please email teija.luoto(at)oulu.fi by latest 11.2.2013. If you require further information, please contact RS, raija.soininen(at)oulu.fi

Date: 18.2.2013 Time: 8.30-16.30

Lectures, Room 134B, Main Building of the Medical Campus
8.30-12.30
1. Introduction
   Macroscopic observations: a powerful tool
   Different study types, different needs
2. Examples from industry: What we need to import into our daily job
   Preclinical toxicity studies: protocols and GLP
   Standardization of gross findings
3. General Techniques
   a. Getting ready for the necropsy:
      Material
      Euthanasia
      Rodents and their anatomical and physiological peculiarities
   b. Tissue collection
      Early deaths: a story apart
      Organ weights: "banal" recommendations
      Specific procedures (e.g. bone marrow smears, TEM, metabolism...)
   c. Trimming and processing
      Standard guidelines
      General tips

Practical session, The Laboratory Animal Center, Conventional Facility
13.30-16.30
The Necropsy, Theory and Practice

The goal of this session is to go through a full necropsy, step by step, and at the same time view slides that demonstrate the relevance of each step, showing the most frequent findings encountered in each organ system, tissue collection techniques etc.