



CRIG hosts:



**The Jackson
Laboratory**

*Leading the search
for tomorrow's cures*

JAX educational seminars

by Kevin Lominac, PhD

Technical Information Scientist, The Jackson Laboratory

9:30 - 10:15 Predictive cancer models using PDX mice


- Learn how more than 280 PDX models have been established in partnership with a consortium of cancer hospitals and clinical trial teams
- Appreciate how the diversity of the PDX program represents current patient demographics
- See how the genetics, pathology, and treatment response of PDX tumors reflect clinical observations


10:30 - 11:15 Humanized NSG mice for innovative preclinical research

- Key genetic components rendering NSG mice immunodeficient
- The superiority of the NSG mouse as a platform for humanization
- Advantages and considerations for specific NSG humanization protocols
- Data demonstrating preclinical applications of Hu-NSG mice

11:30 - 12:15 Introduction to mice for cancer immunotherapy

- Types of cancer immunotherapeutics that have been characterized and validated in mouse models
- Cutting-edge humanized mouse models that are the next generation platform for immuno-oncology

 Friday 24 May, 9.30-12.15

 Seminar room MRB2 (UZ campus entrance 38)
UZ Gent, C. Heymanslaan 10, Ghent