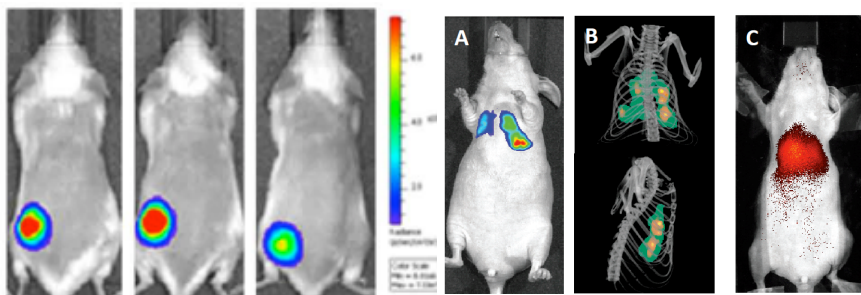


# Spectrum 202

## Advanced Imaging of Fluorescent and Bioluminescent Probes

*Brent Coco, Ph.D., Advanced Imaging Training Specialist, – PerkinElmer, Inc.*



**Wednesday, May 22<sup>nd</sup>**

**10:00 AM – 11:30 AM**

**SERC, Rm E3007**

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**Invited by: Dan Frigo**

**CNRCS/Dept. Biology & Biochemistry**

**University of Houston**

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**Contact:**

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The IVIS Spectrum offer quantitative 2D and 3D fluorescent and bioluminescent probe detection. This presentation will discuss the theories and capabilities of the IVIS instrument including topics such as:

- Basic imaging concepts review
- Living Image Software 4.3.1 Overview
- Spectral unmixing
- Biodistribution studies
- 2D transillumination fluorescence imaging
- 3D optical tomography concepts