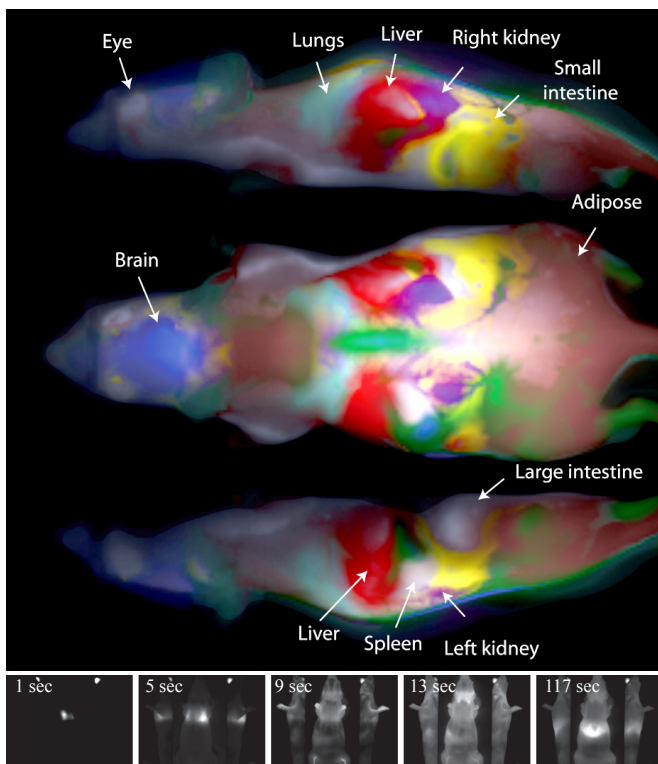


# DyCE™ your Mice and Get NIR-Perfect Anatomic Registration!

## Dynamic Contrast Enhancement (DyCE)

The perfect complement to the Maestro™ multispectral small-animal imaging systems, from CRi, the technological leader in high-sensitivity, multiplexed *in vivo* fluorescence imaging. DyCE is a new approach to anatomical co-registration for optically based, small-animal imaging.

The DyCE technique utilizes a series of dynamic images acquired following a bolus injection of a near-infrared (NIR) dye. The location of major internal organs is derived by CRi's proprietary algorithms and displayed.



Hillman, E.M.C. and A. Moore, All-optical anatomical co-registration for molecular imaging of small animals using dynamic contrast. Nat Photon, 2007. 1(9): p. 526-530.

**No need for a second expensive, time-consuming technique like CT, MRI, or X-ray. Get the anatomical co-registration you need with an all-optical system.**

- Automatic co-registration with other imaging modalities.
- No repositioning required
- Fast (data acquired in less than 20 sec.)

## How it works ...

As the dye circulates through the body, each organ displays characteristic and visible pharmacokinetics. Maestro and DyCE use these images to create anatomical surface maps of major internal organs. These maps can be seamlessly co-registered with molecular imaging data obtained in the same animal, using the same instrument and without moving the animal.

**Notice to Purchaser:**

The CRi Maestro™ imaging system has many applications involving a variety of materials, such as probes, cell lines, animal specimens, etc. Certain of these applications and/or materials may require licensing under patents held by third parties. For example, a license from AntiCancer Incorporated, 7917 Ostrow St., San Diego, CA 92111 and/or Caliper Life Sciences, Inc., 68 Elm St., Hopkinton, MA 01748, may be required for certain applications and/or materials. CRi's sale or other transfer of the Maestro™ imaging system does not convey any right or license under such third party patents. It is suggested, therefore, that users of the Maestro™ imaging system consult with counsel to determine whether licensing of such third party patents is required.

