

CENTER FOR MOLECULAR IMAGING AT VCU

The Center for Molecular Imaging (CMI) at the VCU Medical Center is designed to nurture multidisciplinary molecular imaging research using state-of-the-art non-invasive small animal imaging technologies. The center's objective is to study biological systems and their interactions at the molecular, cellular and tissue levels *in vivo* in their intact environment.

Please contact **Prof. Jamal Zweit, PhD, DSc** (jamal.zweit@vcuhealth.org; 804-628-2791), Director CMI, for initiating an imaging project. Besides CMI's own research programs, imaging research at CMI is conducted primarily as collaborative projects, where extensive intellectual inputs and imaging probe/methodology development will be required by CMI scientists and staff members. These projects are usually developed as joint grant applications and the cost is recovered predominantly through the funding resulting from such grant applications.

For all other routine imaging procedures that require only image acquisition and data analysis by CMI staff, the following rates apply.

Please initiate CMI facility services using a VCU index code associated with your name

PROCEDURE	Hourly rate for VCU users	Hourly rate for non VCU entities
Consultation	\$ 75.00	\$ 200.00
Imaging (PET/SPECT/CT/MRI/MRS)	\$ 130.00	\$ 350.00
Fluorescence Imaging	\$ 75.00	\$ 150.00
Photoacoustic Imaging	\$ 75.00	\$ 200.00
Data Analysis	\$ 50.00	\$ 175.00
Training	\$ 200.00	N/A
RATES OF MOLECULAR IMAGING TRACERS		
TRACER	Rate for VCU users (per synthesis/delivery)	Rate for non VCU entities (per synthesis/delivery)
[¹⁸ F]FDG (~30 mCi)	\$ 350.00	\$ 875.00
[¹⁸ F] labeled probe synthesis (eg: 10 mCi of [¹⁸ F]FLT)	\$ 1500.00	\$ 3750.00
[¹²⁴ I] labeled probe synthesis	\$ 1500.00	\$ 3750.00
Optical probes	Inquire	Inquire
Custom radio-synthesis	Inquire	Inquire
GMP Clinical-Grade Tracers (eg: ¹⁸ F-FLT)	\$ 1500.00	Inquire

Helpful guidelines: Generally, for PET/CT or SPECT/CT or MRI/MRS studies, 1-2 animals could be imaged in one hour. For routine CT, 4 animals could be imaged in one hour. *In vivo* fluorescence imaging could be done in 4-6 mice in one hour. For Photoacoustic Imaging 2-4 animals could be imaged in one hour. However, it must be noted that the goals of each experiment determine the actual imaging durations. (a) All services are available only during regular VCU working hours. (b) Please contact **Dr. Sundaresan Gopalakrishnan, PhD** (sundaresan.gopalakrishnan@vcuhealth.org; 804-628-9165) for general enquiries and logistics.