The Monash Biomedical Imaging (MBI) facilities are a Monash University led consortium of hospitals and research organisations that facilitate and accommodate interdisciplinary and multi-modal (PET, SPECT, FLECT X-ray, CT and MRI) imaging research. This includes pre-clinical and clinical collaborations among world-class experts in medicine, science and engineering, in concert with industry and government, to create innovative solutions to clinical health challenges. These facilities are co-located with the national synchrotron biomedical imaging beam line, and are being increasingly utilised for cutting edge research conducted by scientists from across the country.
Mission statement: The Monash Biomedical Imaging mission is to help deliver the next generation of significant biomedical research discoveries and to enhance excellence in biomedical imaging to benefit translational research by: providing world class instrumentation and expertise in biomedical imaging; operating at world’s best practice to maximise efficiencies and effectiveness; providing strong leadership and connections nationally and internationally; enabling academic and industry collaboration and partnership; and working towards a sustainable funding model to maintain and expand biomedical imaging research.

Monash Biomedical Imaging (MBI)

Monash Biomedical Imaging (MBI) has a full suite of biomedical imaging equipment and expertise. We provide coordinated access and operational support for the core imaging infrastructure, as well as research training and technological development, in collaboration with researchers and industry partners.

We are co-localised with the Imaging and Medical Beam Line at the Australian Synchrotron, MBI offers unique opportunities for multi-modality imaging for pre-clinical and clinical research.

Biomedical image analysis laboratories

Please refer to Monash eResearch – MASSIVE.

Contact

Director

Professor Gary Egan

Gary Egan is an NHMRC Principal Research Fellow and Director of Monash Biomedical Imaging. Gary has published over 200 scientific papers and over 250 abstracts in peer reviewed journals. Gary undertakes high resolution structural and functional brain mapping research and clinical neuroimaging research in basic neuroscience studies and clinical neuroscience studies. Gary is also a chief investigator of the Victorian Biomedical Imaging Capability and Deputy Director of the Australian National Imaging Facility.

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