

## **Molecular Imaging and its Potential in Therapy**

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During the post-genomic era, significant advances in our understanding of the molecular basis of disease have been made. The power of functional/molecular imaging in translating this knowledge into effective therapy cannot be underestimated. Molecular imaging plays a vital role in early identification of molecular markers, in the development and credentialing of molecular-targeted therapies, and in monitoring phenotypic response to therapy.

The VCUHS Molecular Imaging Center provides a comprehensive resource available to empower basic, translational, and clinical research through the application of imaging