Antibody labeling technology and GMP regulation at Okayama Medical Innovation Center (OMIC)

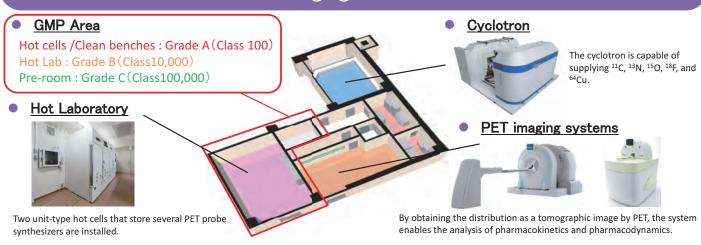
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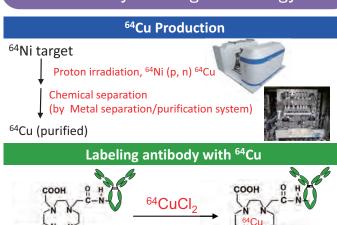
About us

OMIC is a collaborative research center at Okayama University utilizing molecular imaging techniques. We support the various stages of the drug discovery process.

Molecular Imaging Facilities at OMIC



Antibody labeling technology



Exampled application

PET Imaging by using antibody



PET imaging of tumor xenograft-bearing nude mice with the 64Cu-DOTA-anti-tumor antibody

The antibody-labeled with 64Cu binds to a specific tumor antigen and radioactivity accumulates in tumor lesion (white arrow)

About our Information on Website ► OMIC

DOTA-conjugated Antibody

-COOH

Probe for PET imaging

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