

Top five steps to ensure the right selection of an oncology model:

1

Drug type

Determine the type of cancer drug being tested. For example, is it a checkpoint inhibitor, meaning an immunocompetent model may be acceptable?

2

Previous research

Consult previous publications or a cell line reference database on oncology modeling to help you understand what works best in other labs.

3

Length of study

Consider the length of your study, the model background and potential impact of leakiness on your study.

4

Immune system characteristics

Decide what degree of immunodeficiency your research requires for successful tumor uptake and growth in the cell line or PDX of interest.

5

Cell line injection

Identify how you need to implant your model with the cell line of interest – subcutaneous or orthotopic?

Discover more

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