

Targeting Technology

Advanced Targeting Systems' technology - Molecular Neurosurgery - is a modification of one of the most widely used techniques in the neurosciences: resection of a region by surgical means and observation of the effect.

Choose an ANTIBODY^s specific to your cell type.



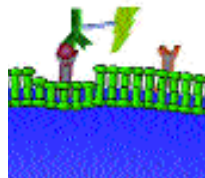
SAPORIN is a potent cytotoxin. Safe in the lab. Lethal in the cell.

ATS binds SAPORIN with your ANTIBODY to make a powerful targeting agent.

^s or growth factor, peptide, ligand, or cytokine

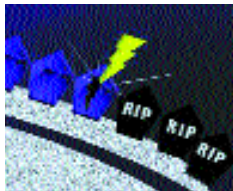
The targeting agent is administered to the cells (*in vivo* or *in vitro*).

The antibody seeks out its target receptor on the cell surface.



Cells that do not have the receptor will not be affected.

The conjugate is internalized and SAPORIN breaks away from the antibody.



SAPORIN inactivates the ribosomes.

The result is **CELL DEATH.**

Targeting Teaser

Unscramble these six Jumbles, one letter to each block, to form the name of this award-winning scientist.

AMAIINE

GRAPEU

THREADABROCY

TREES

CLOGNEGY

MOLEYZNYOG



Victory was sweet for this Nobel Prize winner.

Arrange the circled letters to form the name of this noted scientist, as suggested by the above clue.

Answer:

WIN
\$100.00

1. Solve the puzzle.
2. Fax in this entire page with the correct solution by August 31, 2005.
3. Win \$100 credit toward your next purchase.

Limit one entry per laboratory.

See last quarter's winners, page 2.

Please correct the address information below and provide the following:

Your Name: _____
 Phone: _____
 Fax: _____
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"Molecular Surgery for Scientists"

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