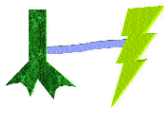


## Targeting Technology

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

Choose an ANTIBODY<sup>§</sup> 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.

<sup>§</sup> 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 which 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.**

"Molecular Surgery for Scientists"

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## Targeting Teaser

Unscramble these four Jumbles, one letter to each block, to form five words used in science.

GYRRUSE


ROOTPLOC

THESMAR

PLOEDNIET

MULEHI

Answer:



HOW THE SCIENTIST PREPARED THE COLD FORMULA

Arrange the circled letters to form the surprise answer, as suggested by the above cartoon.

HE...

**WIN \$100.00**

Limit one entry per laboratory.

1. Solve the puzzle.
2. Fax in this entire page with the correct solution by May 31, 2001.
3. Win \$100 credit toward your next purchase.

*See last quarter's winners, page 6.*

Please correct the address information below and provide the following:

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