## Targeting Technology

Advanced Targeting Systems' technology -Molecular Neurosurgery - is a modification of one of the most widely used techniques in the neurosciences: lesioning 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.

§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 five Jumbles, one letter to each block, to solve the puzzle.



SIPOON

**TREESLOFUNC** 





How the Scientist knew she was on the verge of a great discovery.

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

She understood the... Answer:



WIN \$100.00

- 1. Solve the puzzle.
- 2. Fax in this entire page with the correct solution by June 15, 2006.

See last quarter's Limit one entry per winners, page 2.

3. Win \$100 credit toward your next purchase.

Please correct the address information below and provide the following:

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"Molecular Surgery for Scientists"

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