

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[§] 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

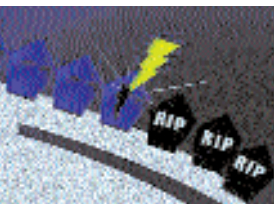
The targeting agent is administered to the cells (*in vivo* or *in vitro*).

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



Cells 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**.

Targeting Teaser

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

REAPHAN

LAFKS

GRINEYS

BRITCOSO



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

Answer:

A...

WIN
 \$100.00

Limit one entry per laboratory.

1. Solve the puzzle.
2. Fax in this entire page with the correct solution by November 30, 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:

Your Name: _____

Phone: _____

Fax: _____

Email: _____

"Molecular Surgery for Scientists"

www.ATSbio.com

Toll-Free: (877) 889-2288
 Phone: (858) 642-1988
 Fax: (858) 642-1989



11175-A Flintkote Avenue
 San Diego, CA 92121

BULK RATE
 UNITED STATES
 POSTAGE PAID
 PERMIT #1088
 LA JOLLA, CA