

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^s specific to your cell type.



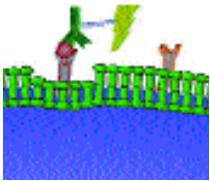
ATS binds SAPORIN with your ANTIBODY to make a powerful targeting agent.

^sor growth factor, peptide, ligand, or cytokine

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

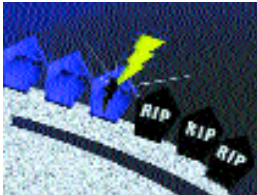
The targeting agent is administered to the cells (*in vivo* or *in vitro*).

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.

LIGGO



LANCETRAILRUL



SUNCLUE



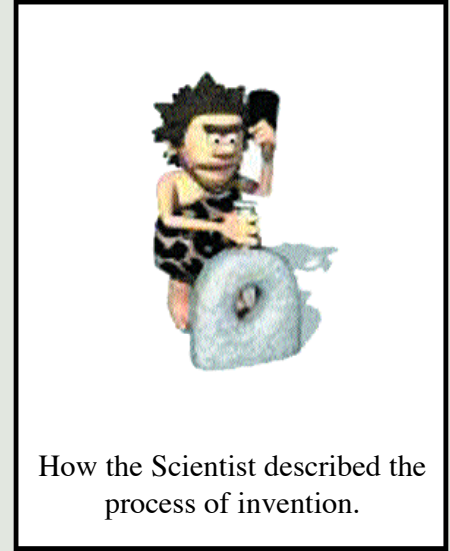
TRAINZINEEL



MOODSENE



Answer:



How the Scientist described the process of invention.

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

WIN
\$100.00

1. Solve the puzzle.
2. Fax in this entire page with the correct solution by February 28, 2006.
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: _____

Email: _____

"Molecular Surgery for Scientists"

www.ATSBio.com

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

 **ADVANCED
TARGETING
SYSTEMS**

11175-A Flintkote Avenue
San Diego, CA 92121

PRSR STD
UNITED STATES
POSTAGE PAID
LA JOLLA, CA
PERMIT #1088