

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.

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

<p>The antibody seeks out its target receptor on the cell surface.</p>		<p>Cells which do not have the receptor will not be affected.</p>
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The conjugate is internalized and SAPORIN breaks away from the antibody.

SAPORIN
inactivates the
ribosomes.

The result is
CELL DEATH.

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

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

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

GROOLYUNE

TENMUSTRIN

GNASTINI

THIGEW

METEGA

**WIN
\$100.00**

1. Solve the puzzle.
2. Fax in this entire page with the correct solution by May 31, 2003.
3. Win \$100 credit toward your next purchase.

Please correct the address information below and provide the following:

Your Name:

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Limit one entry per laboratory.



WHY THE SCIENTISTS MISSED THE LABORATORY PRESENTATION

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

Answer:

THEY DIDN'T... □□□ □□□

"□□□□□□□!"

“Molecular Surgery for Scientists”

www.ATSbio.com

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ADVANCED TARGETING SYSTEMS

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