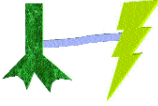


Targeting Technology

Advanced Targeting Systems' technology - Molecular Neurosurgery - is a modification of one of the most widely used techniques: surgical lesioning of a region and observation of the effect.

Choose an ANTIBODY[§] specific to your cell type.



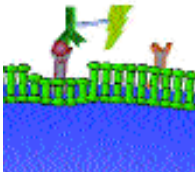
SAPORIN is a potent cytotoxin. Safe in the lab. Lethal in the cell.

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

[§]or anything recognized on the cell surface and internalized.

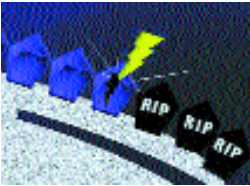
The targeting agent is administered to the cells (*in vivo* or *in vitro*).

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



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

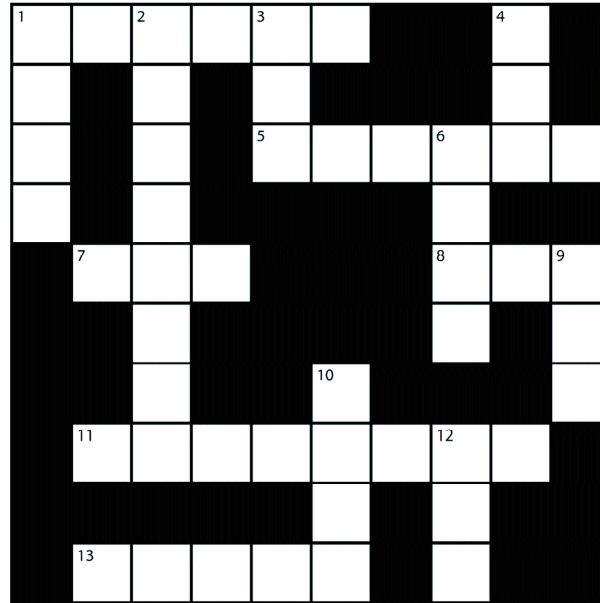
The conjugate is internalized and SAPORIN breaks away from the antibody.



SAPORIN inactivates the ribosomes.

The result is **CELL DEATH**.

Targeting Teaser



Across

1. to aim for
5. an increase in size
7. org. that monitors air and water
8. lower appendage
11. chemical component or a small part
13. poisonous substance

Down

1. cylindrical container
2. structure on surface of cell
3. unit of energy
4. Gangsta
6. reservoir for liquid
9. colloid combined with dispersion medium
10. to daze
12. slippery mineral substance

WIN
\$100.00

See last quarter's winners, page 5.

1. Solve the puzzle.
2. Fax in this entire page with the correct solution by February 29, 2008
3. Win \$100 credit toward your next purchase.

Limit one entry per laboratory.

Please correct the address information below and provide the following:

Your Name: _____

Phone: _____

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