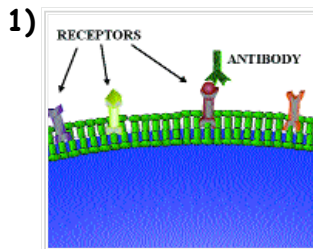


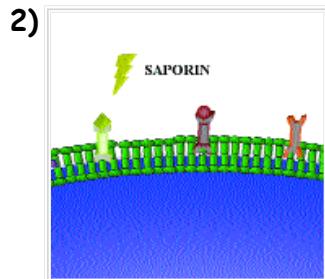


The Technology

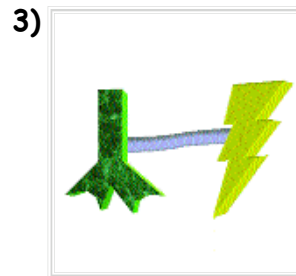
Follow these simple illustrations to understand how this *advanced targeting system* can work for you.



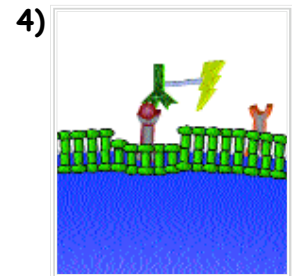
Get an antibody specific to your cell type.
Or use anything that binds to a cell surface molecule and is internalized.



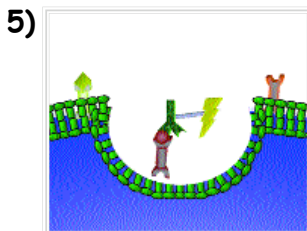
Use a potent toxin that is safe in the lab, but lethal inside a cell.



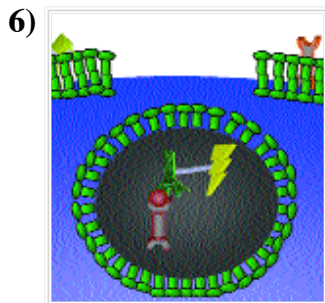
ATS puts them together to make a powerful targeting agent.



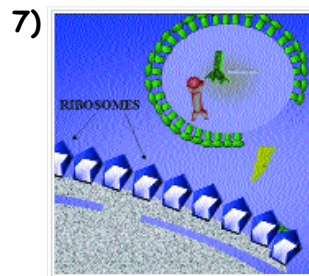
The conjugate seeks out target markers on the cell surface.



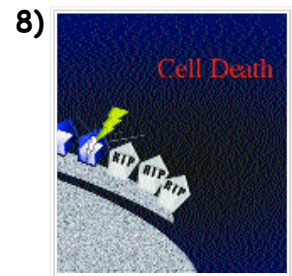
Once attached to its target receptor, the conjugate is internalized.
Cells which do not have the target receptor will not be affected.



The SAPORIN conjugate enters the cell.



The bond between SAPORIN and the targeting agent is broken in the endosome.



The ribosomes are inactivated resulting in **cell death**.

Pretty simple, huh?

Now just imagine the targets you can eliminate in your research!