

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Class: \_\_\_\_\_

## Pharmaceutical Research Worksheet

~ Research new drug delivery methods ~

What are they?

How do they work?

How will considerations differ if a drug is taken orally vs. delivered another way?

What issues are specific to different delivery methods?

Pick a target organ and identify two possible drug delivery method(s) to it.

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**~ Future drug delivery methods ~**

Can you think of a novel approach? Describe it.

How might nanotechnology improve the drug delivery process?

*Helpful hint when searching:* A professor at MIT is one of the greatest innovators in drug delivery and tissue engineering. He was the second person to win the *Queen Elizabeth Prize for Engineering*.