

## Are all viruses bad?

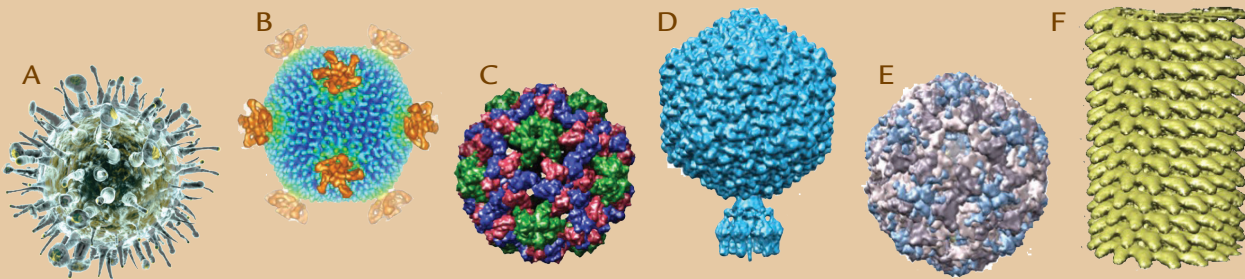
Are all viruses out to get you and make you sick? Could there be viruses that can actually do something good for you?

On Earth there are more viruses than any other biological system. Every day we are all exposed to millions of viruses and very, very few of them actually make us sick. Wherever living things are found (no

matter how extreme the environment), there are viruses that infect them.

Scientists at Montana State University are changing viruses by removing the 'bad' parts that allow viruses to replicate, and replacing them with helpful drugs. The scientists then use these new 'virus-like' particles to deliver drugs to fight diseases like cancer.

**Which of the following viruses will make you sick— can you tell just by looking at them?**



## Did-you-know?

In a single drop of seawater there can be as many as 1-2 million viruses.

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Answers: You can't really tell just from looking at the structure of a virus whether or not it will be harmful. The only ones in this panel that will make you sick are Rhino virus or cold virus (E), and the Influenza virus (A).