

2017 chemistry Nobel prize made simple

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With this technique, scientists can look at **biological molecules**, like proteins or viruses, in **much more detail** than before. This helps better understand how they function.

Normal electron microscopy does not work as well because bio-molecules are damaged by the electron beam. Inventors of cryo-EM found cooling them to -196°C stops the damage. That's **very cold!**



Read the full article at rsc.li/2yltdlh,
published 9 October 2017

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Have a think about:

1. Why is it helpful to understand bio-molecules in lots of detail?
2. What do you think “cryo-” means?
3. Have you heard of any other techniques scientists use to study molecules in detail?

