

THE NOBEL PRIZE

Student assignment – Chemistry prize 2024 The secrets of proteins



David Baker, Demis Hassabis and John Jumper have been awarded the 2024 Nobel Prize in Chemistry for cracking the code for proteins' complex structures.

What do you think is most interesting about this prize?

Why are proteins important to all living things?

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There are an enormous number of different proteins, but only 20 amino acids. How can there be such a huge variety of proteins when they are made from only 20 different building blocks?

Alfred Nobel wanted to reward contributions to the greatest benefit to humankind. How do you think the chemistry laureates' discoveries contribute to it?
