

Titan TV Presents - Protein Synthesis - A Video Interview

Your group is asked to prepare a video interview explaining and demonstrating Protein Synthesis.

One student in your group will conduct the interview.

Speak loud, clear, and slow enough so we can understand you.

One student in your group will have to operate the camera.

As the camera operator, it is your job to make sure the interview includes footage of the interviewer asking questions, the group members answering the questions, **and footage of the DNA model as it is being used as a model to demonstrate Protein Synthesis.**



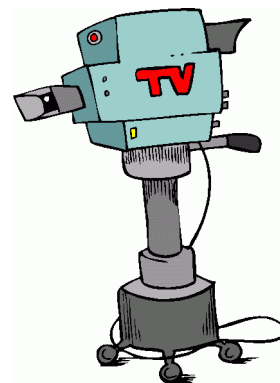
Be **creative** and **have fun** (role play with names etc.) **but be thorough!!!**

SUBMIT THE ENTIRE INTERVIEW AS ONE VIDEO SEGMENT/FILE.

You may need to refer to your Protein Synthesis notes.

YOU MUST keep the interview to **3-4 minutes!!!**

When you are finished **upload to YouTube** set as **unlisted** and email me the link.



Use the following questions to **guide** the interview.

1. Introduce yourself as the reporter. Be creative.
2. Have the other members introduce themselves so I know who is on your team.
3. What does "protein synthesis" mean?
4. Explain the base pair differences between DNA and RNA.
5. What are the building blocks of protein?
6. What are the two steps to protein synthesis?
7. Show and tell me where and how **transcription** takes place?
8. What information carrying molecule is made during **transcription**?
9. Show and tell me where and how **translation** takes place?
(be sure to include the role of the tRNA the codon and the anti-codon)
10. What type of bond formed between adjacent amino acids.
11. Show us your completed protein.
12. Sign-off when the interview is finished.

