

## Supplementary Figure 1

Free-text Question	Responses
1. What are your thoughts on the use of AR?	<ul style="list-style-type: none"> <li>• Help me to understand better</li> <li>• Much easier to see the structure as a 3D model which makes it easier to visualise and understand</li> <li>• Help me to understand better</li> <li>• It is a beneficial addition to learning content but I don't think it should be focused on too much unless it is relevant</li> <li>• Incredible</li> <li>• Creative very useful</li> <li>• I struggle to understand this topic, as its not stuff you can see, but this definitely helped to a certain extent</li> <li>• Interesting</li> <li>• More easy to understand</li> <li>• Good for viewing the proteins structure</li> <li>• its easy</li> <li>• was a helpful practical application to the lecture</li> <li>• Stimulating and interesting</li> <li>• It is a useful tool to visualise complex structures</li> <li>• it is different and engaging</li> <li>• it was good interacting</li> </ul>
2. What are the positives of AR?	<ul style="list-style-type: none"> <li>• Much easier to visualise and easier to use</li> <li>• colour images make it easier to determine protein structure</li> <li>• More engaging and not that dry like a lecture</li> <li>• Different, gets students involved more not boring</li> <li>• Helps understanding</li> <li>• Helps to understand more</li> <li>• Make easier</li> <li>• More interactive</li> <li>• easy to understand</li> <li>• Better understanding of protein structure</li> <li>• You can actually see what you study about</li> <li>• Brings the protein to life helps you to see the peptides and how they join to make larger structures</li> <li>• lets us see a real life example, so it is easier to explain what we see</li> <li>• Its more interactive</li> </ul>
3. What are the negatives of AR?	<ul style="list-style-type: none"> <li>• Sometimes it loses connection but may be due to wifi</li> <li>• Not all images or examples of proteins will be in colour so knowing the actual structures is still just as important.</li> <li>• No negatives</li> <li>• Not very informative</li> <li>• NA</li> <li>• Nothing</li> <li>• Not sure learn in as much depth</li> <li>• nothing</li> <li>• space may be an issue in larger classes</li> <li>• -</li> <li>• No negatives I can think of.</li> <li>• The room was cold</li> </ul>

**Supplementary Figure 1 All free-text responses to open-ended questions**