

Appendix 4: Rubric used to assess enzyme research project oral presentations during week 5 (rating was given to team as a whole).

Team members	<p>Were Bioinformatics tools mentioned in any way during the presentation (sequence alignments, BLAST search results, etc.)?</p> <p>If yes, please describe what was mentioned.</p>	<p>Were molecular imaging tools used in any way during the presentation (Protein Explorer images, physical models, molecular figures from papers/texts, etc.)?</p> <p>If yes, please describe what was used & how.</p>	<p>Did the team use molecular structure to explain how their independent variable affects AP ability to bind substrate & convert it to product (<i>i.e.</i>, their biological rationale)?</p>	<p>Rate the sophistication of the biological rationale with this scale:</p> <p>1 (rationale is almost or entirely absent) 2 (some rationale presented, but needs a lot of work) 3 (good rationale, needs a little work) 4 (excellent rationale)</p> <p>Briefly explain:</p>
	Y/N	Y/N	Y/N	1 2 3 4