

## Karsten's rubric for Proteopedia article

| <b>Criteria</b>           | 3pts: Is above and beyond   | 2 pts: Does the job well  | 1 pt: Would benefit from editing (pet peeve alert)   |
|---------------------------|---|---|--|
| <b>Audience</b>           | Consistently caters to level of intended audience; explicit mentions intended audience                | Goes from general to specific, catering to a general audience                   | <ol style="list-style-type: none"> <li>1) Jargon and abbreviations</li> <li>2) Wide swings in level of difficulty</li> <li>3) Appeals to very small audience</li> </ol>  |
| <b>Length and balance</b> | Defined scope, with links to other pages  | Revised with a view to length and balance                                       | <ol style="list-style-type: none"> <li>1) Ideas stated but not developed</li> <li>2) Too much detail about minor aspects</li> <li>3) Balance between text and 3D scenes is off</li> </ol>                        |
| <b>Organization</b>       | Structure with headings, includes navigation aids (TOC). Lead with ~3 sentences summarizing the page. | Structured into paragraphs with clear headings.                                 | <ol style="list-style-type: none"> <li>1) All text without breaks</li> <li>2) Green links when Jmol window is not in view</li> <li>3) Order does not make sense to reader</li> </ol>                             |
| <b>Correctness</b>        | Article is as well-researched and written as a review paper.  | Article is based on at least one trustworthy reference and has been proof-read. | <ol style="list-style-type: none"> <li>1) Glaring factual errors and misconceptions</li> <li>2) Plagiarism</li> <li>3) Grammatical errors</li> </ol>   |
| <b>References</b>         | References in consistent format and of high quality supporting the main points                        | Includes primary citations of all structures shown                              | <ol style="list-style-type: none"> <li>1) No references</li> <li>2) Dead links</li> <li>3) Reference to website, review or textbook where directly referencing primary research would make more sense</li> </ol> |

## Karsten's rubric for Proteopedia 3D scenes

| <b>Criteria</b>      | 3pts: Is above and beyond   | 2 pts: Does the job well  | 1 pt: Would benefit from editing (pet peeve alert)   |
|----------------------|---|---|--|
| <b>Content</b>       | Rich content without overwhelming the viewer  | Does what it says; supports the article's main points   | <ol style="list-style-type: none"> <li>1) Does not open</li> <li>2) Wrong figure</li> <li>3) Lacks essential item*: _____</li> </ol>   |
| <b>Clarity</b>       | Beautiful or striking visuals   | You can see the main point at a glance  | <ol style="list-style-type: none"> <li>1) View of focal item is blocked</li> <li>2) Insufficient contrast between for- and background</li> <li>3) Not clear what is what</li> </ol>          |
| <b>Figure flow</b>   | Common visual language throughout, smooth transition between figures  | Easy to recognize structural elements from figure to figure.                                    | <ol style="list-style-type: none"> <li>1) Switching color scheme too often</li> <li>2) Easy to lose your bearings</li> <li>3) Loading and orienting take too long</li> </ol>                 |
| <b>Support</b>       | <ol style="list-style-type: none"> <li>1) Juxtaposed static figures (chemistry, sequences, related structures etc.)</li> <li>2) Animations</li> <li>3) Detailed figure legend</li> </ol>          | It is easy to understand the figure without leaving the page or going into jmol to research it. | <ol style="list-style-type: none"> <li>1) No caption</li> <li>2) Labels needed</li> <li>3) Colors not explained</li> </ol>   |
| <b>Interactivity</b> | <ol style="list-style-type: none"> <li>1) Kinemage-style switches</li> <li>2) Prompts to id atoms or measure dimensions</li> <li>3) Jmol buttons (slab on, rotate to common view etc.)</li> </ol> | It is fun to explore the structure by rotating the scene and zooming into the details           | <ol style="list-style-type: none"> <li>1) Not centered</li> <li>2) Confusing when you rotate view (e.g. labels not anchored)</li> <li>3) Best view is lost because spinning is on</li> </ol> |

\*choice of: PDB ID/hypothetical model designation, structural feature mentioned in the caption, ...