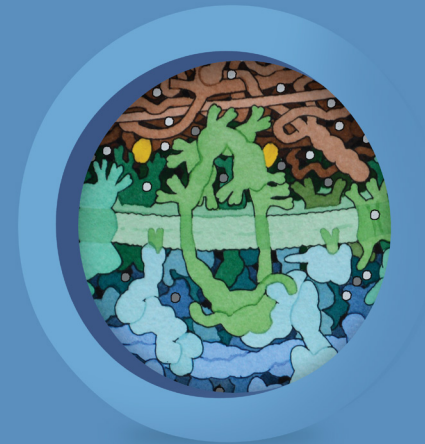


4th Annual RCSB PDB Video Challenge

for High School Students

Molecular View of Diabetes Treatment and Management



Judging Criteria

All 2017 entry videos will be scored based on the criteria listed here.

One winner and two runners-up will be selected by a panel of expert judges.

Criteria	Description of Achievement for Maximum Score	Maximum/ Minimum Score
Scientific Content: Topic Discussion (20%)	Main story is told from the structural biology perspective and all scientific facts and ideas included in the video are valid	5 – 1 points
	Material is presented logically and the story is easy to follow for a non-expert viewer	5 – 1 points
	Video leaves a non-expert viewer with a clear understanding of the functions and interactions of the proteins relevant to the topic	10 – 1 points
Scientific Content: Molecular visualization (20%)	Video depicts at least one protein structure from the PDB archive that is relevant to the topic. References and PDB IDs for all PDB structures shown in the video are provided.	10 – 1 points
	The molecular images/animation are tied with the story in an obvious manner	10 – 1 points
Creativity (20%)	All materials used in the video including footage, images, molecular images, animations, sound, music are unique and engaging Each element supports the storyline and message of the video	20 – 1 points
Overall Impact (20%)	The video leaves the viewer with a clear understanding of the connections between structural biology and medicine The video appeals to the viewer's emotion and may help them make informed decisions about their lifestyle	20 – 1 points
Entertainment Value (10%)	The video captures the viewer's attention throughout the whole duration	10 – 1 points
Production Quality (10%)	The image/footage quality is good and all transitions and edits are smooth. Sound is balanced and easy to hear	10 – 1 points

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