



3<sup>rd</sup> Annual

RCSB PDB Video Challenge

for High School Students

# Structural Biology & Diabetes

RCSB PDB invites high school students to create short videos that tell a molecular story of health and disease

The video should be no longer than 2 minutes and discuss in any creative way one of the following topics:

- Basics of glucose transport and metabolism
- Insulin/glucagon synthesis and signaling
- Type 1 vs. Type 2 diabetes
- Complications caused by high blood glucose

Each video entry should contain a segment ***Know the risks*** discussing the factors contributing to developing diabetes at any point in life.

The story must include a visualization/animation of at least ONE of the 3D protein structures from the **2016 Video Challenge Featured Structures List**.

The list and many other resources can be found in the **Events > Video Challenge** Section of [pdb101.rcsb.org](http://pdb101.rcsb.org)

RCSB PDB  
PROTEIN DATA BANK  
[rcsb.org](http://rcsb.org)

RCSB PDB-101  
[pdb101.rcsb.org](http://pdb101.rcsb.org)

## Awards

All qualified submissions will be eligible to win one or more awards

### Judge's Award

A panel of expert judges select the **top three entries** using the following criteria:

- scientific content (40%)
- creativity (20%)
- overall impact (10%)
- originality (10%)
- entertainment value (10%)
- production quality (10%)

### Viewer's Choice Award

As voted by the viewers.

The winning entries will be recognized on **rcsb.org**, and in an upcoming edition of the RCSB PDB Newsletter.

## News and Updates

To sign up for the digital monthly newsletter (March–June), email [info@rcsb.org](mailto:info@rcsb.org) with the subject **Video Challenge News**.

## Important Dates

Video Submission	Judging	Results
March 8, 2016 at 12:01 am ET - May 29, 2016 at 11:59 pm ET	June 1 - 7, 2016	June 14, 2016