



Emergent Mechanisms in Biology of
Robustness, Integration & Organization

EMBRIO Best Scientific Figure (Static or Live Video) Awards

The EMBRIO Best Scientific Figure Award will recognize top scientific figures from research conducted by EMBRIO graduate students (division I), postdocs and research scientists (division II).

Eligible figures can be at the stage of submitted, accepted, published journal or peer-reviewed conference, as well as in pre-prints or pre-publication stage but must be “complete” figures ready for publication. Videos can be live cell timelapse, or model simulation, or similar. A single figure or a single video nomination and submission may be made by the graduate student, postdocs and research scientist, or can be made by faculty advisers on their behalf.

Nominations with submission are due by **June 1st, no exceptions**. Rules and criteria for evaluation are below. The top figure in each division will be determined by EMBRIO open community voting during the Annual Retreat at Purdue University, June 12-13, 2025, with winners announced during the retreat.

Rules:

- Submissions must be a single PowerPoint slide with the figure or video embedded that includes on the slide in this order: title of figure or video, context or annotation or data that explains the purpose of the figure or video, lead author name, faculty advisor’s name, any other authors or contributors, and if available, citation for where the figure or video has been published, submitted, in a preprint, presented at a conference.
- **To be considered, complete submissions must be in by June 1st** . Submission form: https://purdue.ca1.qualtrics.com/jfe/form/SV_9X3KHxUUz0bg6Pk
- All submissions will also be available on an EMBRIO-only website page for members to view prior to voting.
- A winning figure or video can’t be re-submitted in future year competitions.

Evaluation criteria:

Each figure or video will be evaluated by the criteria below and ranked by members of EMBRIO who wish to participate in voting:

- Impact and innovation
- Originality and novelty
- Degree to which the figure or video conveys or explains the data, mechanism, process or method
- Degree of Integration with EMBRIO authors

Award:

Community-wide and public recognition! The award will be non-monetary – we are restricted on use of our NSF funding in this regard. We’ll promote the winners (and figure or video if already published or as appropriate) through our social media, website, and news channels, highlighting the winners’ research, mentor labs and collaborations with EMBRIO labs that led to the figure or video being produced.