



Emergent Mechanisms in Biology of
Robustness, Integration & Organization

EMBRIO Best Scientific Figure (Static or Video) Awards 2024

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). The competition will be held annually (A best manuscript award competition will be held in the Fall semester – stay tuned).

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 or can be made by faculty advisers on behalf of the student.

Nominations with submission are due by **July 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, July 11-12, 2024, 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 July 1st** . Submission form: https://purdue.ca1.qualtrics.com/jfe/form/SV_6FPX9yViX0tJN66
- Submitters agree to print and bring to the annual retreat as a 18" H x 24" W poster their PowerPoint slide (see above for details) for posting in the commons outside the meeting room for others to view for open voting during the retreat. All submissions will also be available on an EMBRIO-only website.
- 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.

EMBRIO Best Manuscript Award 2024 – Stay Tuned for Announcement to Participate this Fall.