

Sample critique form used by reviewers for applications to the NIH/NIGMS EUREKA award mechanism in Spring 2008. See: Request for Applications RFA-GM-08-002
<http://grants1.nih.gov/grants/guide/rfa-files/RFA-GM-08-002.html>

In an ideal EUREKA application, the hypothesis and/or methodology should be highly innovative, the probability of success should not be zero and, if successful, the impact should be broad. In other words, the application should be exciting. The investigator(s) and environment must be appropriate.

Comment fields will automatically expand as needed.

SIGNIFICANCE

How **important** is the problem or hypothesis?

- Very important
- Moderately important
- Minimally important

Comments:

If the effort is successful, how **significant** will the impact be and how **broad** a community will be affected?

Significance of Impact:

- Major
- Moderate
- Minimal

Breadth of Impact:

- Broad
- Moderate
- Narrow

Comments:

INNOVATION

How **innovative/novel** is the hypothesis or methodology?

- Highly innovative
- Moderately innovative
- Minimally innovative

Comments:

APPROACH

Considering the logic of the experimental plan *and/or* preliminary data (if provided) *and/or* the PI's history of making innovative and significant discoveries, what is the **likelihood** that the project will succeed?

- There is at least some likelihood of success
- There is essentially no likelihood of success

Comments:

How suitable is this project for the EUREKA mechanism?

- Ideally suited to EUREKA
- Moderately suited to EUREKA
- Better suited for another mechanism (e.g., traditional R01)

Comments:

INVESTIGATOR(S)

How well suited are the PI(s) for the proposed research? In particular, consider how well past achievements suggest that the investigator(s) are exceptionally innovative and likely to make paradigm-shifting, high-impact discoveries.

- Exceptionally well suited
- Well suited
- Poorly suited

Comments:

ENVIRONMENT

Will the environment contribute to the probability of success?

- Greatly
- Adequately
- Minimally

Comments:

OVERALL RECOMMENDATION

Based on your assessment of the above characteristics, how exciting is this application?

Assign a score from 1 to 5 using the guide below:

- 1: Extremely exciting
- 2: Very exciting
- 3: Somewhat exciting
- 4: Not particularly exciting
- 5: Not exciting

SCORE: (whole numbers only)

- Check if this is one of your **top 3** applications.

Summary Comments: (Required if this ranked in your top 3) *Briefly summarize what you found particularly exciting (or unexciting) about this application.*

Please note any concerns with vertebrate animals, human subjects, or biohazards:

For top 3 applications (not considered in score):

Budget Comments (amount, period of support):

Data Sharing Plan: