SAMPLE – NOT FOR CONTEST ENTRY

Entries must be submitted via the electronic submission form to be considered

Genes in Space 2026

Application Form – over 13

Contestant

First name _____ Last name _____ Age _____

Address _____

Email _____ Phone _____

Grade in school (must be in grade 7 – 12)_____

School or institution mailing address

Name of school or program

_____

Address

_____

Teammate (optional; limit 1)

First name _____ Last name _____

Email _____ Phone _____

Grade in school (must be in grade 7 – 12) _____ Age _____

Name of your adult sponsor (teacher/parent/guardian/other)

First name _____ Last name _____

Email _____ Phone _____

By submitting an application, you are agreeing to our Privacy Policy**.**

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APPLICATION

1. Provide a clear, descriptive title for your project.
   Maximum 100 characters
2. Provide background information that describes the space biology question or challenge you propose to address. Explain why this topic is significant for humanity, relevant for space exploration, and scientifically interesting.
   Maximum 100 words
3. Molecular/genetic target
   a. Name the molecular or genetic target that you propose to study. Examples of molecular targets include individual genes and proteins, DNA and RNA sequences, or broader -omics approaches.
      Maximum 30 words

   b. Describe how your molecular or genetic target relates to the space biology question or challenge your proposal addresses.
      Maximum 100 words
4. Hypothesis/research goal
   a. Clearly state your hypothesis or research goal.
      Maximum 30 words

   b. Explain the reasoning behind your hypothesis OR explain the rationale for your research goal.
      Maximum 100 words
5. Experimental plan
   a. Identify the sample(s) you will test in your experiment, including any necessary controls.
      Maximum 50 words

   b. Identify the type of data or measurements that will be collected.
      Maximum 50 words

   c. Which tool(s) from the GiS toolkit will you use:
      - ☐ miniPCR® thermal cycler
      - ☐ BioBits® cell-free protein expression system
      - ☐ P51™ Molecular Fluorescence Viewer

   d. Explain how your experimental plan will utilize the selected tools.
      Maximum 50 words
6. Acceptable use of A.I.
   - ☐ This project is my own idea. I did <u>not</u> ask A.I. tools to develop a research question, hypothesis, or experimental plan.
   - ☐ I wrote the answers to the application questions. I did <u>not</u> use ChatGPT or other A.I. tools to generate the text.
7. Citations. (optional)