2025 CMBB Biotech Bridge Hackathon

Beat the Clock: Innovating for a Longer, Healthier Life

Judges Rubric

(Please note: This rubric is intended as a guideline for evaluation, not a mandatory checklist. Teams will not be penalized for omitting or not completing certain elements, as not all criteria may be relevant to every problem.)

1. Creativity & Innovation

- How original and groundbreaking is the idea?
- Does the project focus on bioscience, health, aging, or age-related solutions in an innovative way?
- Does the project demonstrate innovative problem-solving and push boundaries?

2. Potential Impact

- How well does the project address a real-world problem?
- Could it make a meaningful difference in people's lives or the field of study?
- Does the project have potential applications in biosciences, aging, or age-related diseases?

3. Functionality

- Does the project work as intended, and were major objectives met?
- Is the solution well-designed, intuitive, and easy to use?
- Does it avoid unnecessary complexity while maintaining effectiveness?

4. Technical Implementation

- Is the project technically impressive or challenging?
- Does it use advanced technologies or unconventional computing methods (e.g., AI, quantum, neuromorphic)?
- Is the code well-structured, maintainable, and primarily written by the team?

5. Usability & Design

- Is the project user-friendly and easy to understand?
- Does it have a clear and intuitive user interface and/or documentation?
- Is the design professional and aligned with its intended audience or business use?

6. Presentation & Communication

- Is the project clearly explained and well presented?
- Does the team effectively communicate its purpose, impact, and features?
- Are visual aids and storytelling used effectively?

7. Interdisciplinary Collaboration & Teamwork

- Does the project integrate multiple disciplines effectively (e.g., biology, CS, physics)?
- How well did the team leverage each member's strengths?
- Did the participants form new connections and collaborate effectively?

Bonus Categories (Tiebreakers & Special Recognitions)

- **Utility:** Can the project provide immediate value to users or businesses?
- **Timeliness:** Did the team meet the submission deadline?
- **Rising Star Award:** Does the team or an individual show exceptional early-career potential?
- **Breakthrough in Biosciences & Aging:** Does the project contribute significantly to aging research, longevity, or treatments for age-related diseases?