

---

**RESEARCH PROGRAM: THE CENTER FOR PRODUCE SAFETY****Grower's Risk Assessment Biomarkers Investigative Tool (GRABIT) Application**

---

**Applications – Due by 12:00 noon PDT on Monday, April 22, 2019**  
**Send application and participation availability confirmation form to:**  
[research@centerforproducesafety.org](mailto:research@centerforproducesafety.org)

The Center for Produce Safety (CPS) is a 501(c)(3), U.S. tax-exempt, charitable organization focused exclusively on providing the produce industry and government with open access to the actionable information needed to continually enhance the safety of produce.

CPS extends this invitation to participate in the GRABIT Award Challenge with unencumbered retention, by all applicants, of full invention ownership and protection of proprietary knowledge and trade secrets, regardless of the final award decision. CPS asserts no rights to a licensing position or participation in any commercialization opportunities. All rights remain with the institution, organization, business entity, or individual inventor. However, all applications must contain sufficient technical information on biomarker(s) selection, sampling protocols, detection platform, and digital data capture, display, and storage. In the eventuality that additional information is required of the applicant, to fairly and appropriately evaluate the technical merit and status of performance readiness for deployment, an arrangement will be made for a confidential, verbal exchange between the inventor and the review panel.

**Send all questions regarding protection of intellectual property and confidentiality to**  
[research@centerforproducesafety.org](mailto:research@centerforproducesafety.org)

**All sections below are required for a complete proposal package: Use a sans serif font (Arial or Calibri preferred) no smaller than 11 point. Use 1-inch margins on all sides and single line spacing. Number all pages. The completed application (A-K) may not exceed 5 pages. Send in .pdf format. CPS may also request a Word file.**

**TECHNICAL PANEL REVIEW AND RANKING CRITERIA WILL INCLUDE THE FOLLOWING\*:**

- A. OPERATOR COMPLEXITY: Low skill • Medium skill • High skill
- B. TIME TO DETECTION REPORT-OUT: 1-2h to 16-24h
- C. LOCATION OF SAMPLE PROCESSING AND DETECTION REACTION: at farm-level to third-party lab
- D. SENSITIVITY: High • Medium-high • Acceptable
- E. CAFO/AFO SPECIFICITY: Multiple Animal • Ruminant Animal • Cattle/Dairy-specific
- F. BIOMARKER ARRAY: Multiple/Redundant • 3-5 Index Classes • Single biomarker
- G. COMMERCIAL FIT: Prototype/Beta-test Ready • Kit format needed • Concept Validated
- H. COST PER TEST: Low • Medium • High
- I. TOTAL COST TO DEPLOY: Low • Medium • High
- J. KIT / PLATFORM SHELF-LIFE: > 1yr • 6-11 mo • < 5 mo

## **APPLICATION REQUIREMENTS**

### **IDENTIFICATION INFORMATION**

**APPLICANTS NAME, TITLE, COMPANY/INSTITUTION, MAILING ADDRESS, DIRECT PHONE NUMBER, EMAIL ADDRESS, WEBSITE (if applicable)**

**INVESTIGATIVE TOOL TITLE**

### **TECHNICAL ACCOMPLISHMENT**

- 1 TECHNICAL ACCOMPLISHMENT RATIONALE**
- 2 JUSTIFICATION**
- 3 TECHNICAL FOUNDATION**
- 4 EVIDENCE FOR PRACTICAL EFFICACY**
- 5 CRITICAL SUPPORTING CITATIONS**

\*Applicants are advised to prepare their 1. Rationale, 2. Justification, 3. Technical Foundation, 4. Evidence for Practical Efficacy, and 5. Critical Supporting Citations to reflect the assessment and ranking criteria the review panel will use. Descriptive areas 3 and 4 should make up at least 60% of the narrative.

**CPS GRABIT 2019 PARTICIPATION AVAILABILTY CONFIRMATION**

**Please sign and include this form as a separate attachment in the same email as the application.**

**Instructions:** *By signing this document you declare to be fully aware of, eligible, and able to comply with all CPS participation and attendance requirements for CPS GRABIT INNOVATION CHALLENGE. Submit the completed form as a separate PDF file along with the application (within the same email) to [research@centerforproducesafety.org](mailto:research@centerforproducesafety.org)*

- **April 22 @ 12:00 noon PDT** - Submissions due - Five-page narrative describing the innovation and proof of concept or alpha-test proof of functionality
- **May 22-23** - Shark Tank finalist presentations to review panel – Video Conference
- **June 18-19** - Awards announced at CPS Symposium in Austin Texas. Presentations by top three or four awardees during the symposium. Required to attend in-person if requested.

|   |
|---|
| <b>Print Name, Company name / Institution</b> |
| <b>Signature</b>                              |
| <b>Date</b>                                   |