**AUTHENTICATION OF KEY BIOLOGICAL**

**AND/OR CHEMICAL RESOURCES TEMPLATE**

SF424 (R&R) – Version F

Last revised 6/10/20

**Content Instructions**

* If applicable to the proposed science, briefly describe methods to ensure the identity and validity of key biological and/or chemical resources used in the proposed studies
  + Do NOT include any data in this section
* A maximum of **1 page** is suggested
* Key biological and/or chemical resources are characterized as follows:
* Key biological and/or chemical resources may or may not have been generated with NIH funds and:

1. may differ from laboratory to laboratory or over time;

2) may have qualities and/or qualifications that could influence the research data; and

3) are integral to the proposed research.

These include, but are not limited to: cell lines, specialty chemicals, antibodies, and other biologics.

* Standard laboratory reagents that are not expected to vary do not need to be included in the plan. Examples are buffers and other common biologicals or chemicals.
* See NIH's page on [Rigor and Reproducibility](http://grants.nih.gov/reproducibility/index.htm) for more information.

**Review Criteria and/or Questions to Consider**

* Is the PI authentication plan adequate, even if key resources were purchased or obtained from an outside source that provided data on prior authentication?
* Note: Applications identified as non-compliant with this limitation will be withdrawn from the review process (see [NOT-OD-15-095](https://grants.nih.gov/grants/guide/notice-files/NOT-OD-15-095.html) and [NOT-OD-16-011](https://grants.nih.gov/grants/guide/notice-files/not-od-16-011.html)).

**Suggested outline**

We have provided a suggested outline on the second page of this document. If you would like, you can enter your text directly below each subsection header. This document is already formatted appropriately (0.5 inch margins, Arial font, 11 point text). Just delete the first page and you are on your way to a complete draft!

**AUTHENTICATION OF KEY BIOLOGICAL AND/OR CHEMICAL RESOURCES**

***Authentication Plan For Biological Resources***

***Resource 1.***

***Resource 2.***

***Authentication Plan For Chemical Resources***

***Resource 1.***

***Resource 2.***