

AMENDMENT NO._____

Calendar No._____

Purpose: To provide grant funding for the National Programmable Cloud Laboratories Network, and for other purposes.

IN THE SENATE OF THE UNITED STATES—119th Cong., 2d Sess.

S. 3468

To establish a national programmable cloud laboratories network to enhance research efficiency, innovation, and collaboration, and for other purposes.

Referred to the Committee on _____ and
ordered to be printed

Ordered to lie on the table and to be printed

AMENDMENTS intended to be proposed by YOUNG, KIM

Viz:

1 On page 2, between lines 3 and 4, insert the following:

3 (2) The term “biological data” means the information, including associated descriptors, derived from the structure, function, or process of a biological system that is either measured, collected, or aggregated for analysis.

8 On page 3, line 10, insert “biotechnology,” after “experimentation.”

1 On page 4, between lines 5 and 6, insert the fol-
2 lowing:

3 (8) to provide funding for nodes;

4 On page 4, line 7, insert "biotechnology," after
5 "tools."

6 On page 4, strike line 19 and all that follows through
7 "Not later" on line 20 and insert the following:

8 (b) ESTABLISHMENT; AWARDS;—

9 (1) IN GENERAL.—

10 (A) ESTABLISHMENT.—Not later

11 On page 5, between lines 2 and 3, insert the fol-
12 lowing:

13 (B) AWARDS.—The Director shall award a
14 grant to each node, in an amount equal to not
15 more than \$5,000,000 per fiscal year for a pe-
16 riod of not more than 5 years, to support the
17 National Programmable Cloud Laboratories
18 Network.

19 On page 7, strike lines 17 through 20 and insert the
20 following:

1 (f) DESIGNATION.—In designating nodes, the Director shall—
2

3 (1) give preference to applicants demonstrating
4 meaningful third-party cost share and pre-existing
5 infrastructure; and

6 (2) to the extent practicable, ensure that at
7 least 1 node demonstrates the capability to support
8 cloud-enabled biotechnology research, including auto-
9 mated experimentation or quality control workflows.

10 On page 8, line 10, insert "including biological data,"
11 after "data."

12 On page 9, on line 20, insert “, including sharing
13 of biological data,” after “Network”.

14 On page 12, between lines 5 and 6, insert the fol-
15 lowing:

16 SEC. 7. FUNDING.

17 From amounts appropriated or otherwise made avail-
18 able to the National Science Foundation, the Director
19 shall allocate \$30,000,000 for each of the fiscal years
20 2026 through 2030 to carry out this Act, subject to the
21 availability of appropriations.