

119TH CONGRESS
1ST SESSION

H. R. 6009

To direct the Secretary of Defense to develop a strategy on the national security implications of emerging biotechnologies, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

NOVEMBER 10, 2025

Ms. HOULAHAN (for herself and Mr. SESSIONS) introduced the following bill; which was referred to the Committee on Armed Services, and in addition to the Committee on Foreign Affairs, for a period to be subsequently determined by the Speaker, in each case for consideration of such provisions as fall within the jurisdiction of the committee concerned

A BILL

To direct the Secretary of Defense to develop a strategy on the national security implications of emerging biotechnologies, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Defense Biotechnology
5 Strategy Act”.

1 **SEC. 2. DEPARTMENT OF DEFENSE BIOTECHNOLOGY**
2 **STRATEGY.**

3 (a) IN GENERAL.—Not later than 1 year after the
4 date of enactment of this Act, the Secretary of Defense
5 shall, in coordination with the Under Secretary of Defense
6 for Research and Engineering and the Under Secretary
7 of Defense for Acquisition and Sustainment, submit to the
8 Committee on Armed Services of the Senate and the Com-
9 mittee on Armed Services of the House of Representatives
10 a strategy on the national security implications of emerg-
11 ing biotechnologies, including the future role that bio-
12 technology will play in defense, and means to improve in-
13 dustry, interagency, and international relationships in this
14 sector.

15 (b) ELEMENTS.—The strategy required pursuant to
16 subsection (a) shall include the following elements:

17 (1) How the Department of Defense will de-
18 velop and expand a network of commercial facilities
19 for the biomanufacture of products that are critical
20 for defense needs.

21 (2) Review and update of military specifications
22 in order to better incorporate or substitute current
23 products with biotechnology-based products.

24 (3) Updated plans and policies for the Depart-
25 ment to enter into advance market commitments

1 and offtake agreements for biotechnology products
2 that have defense applications.

3 (4) A description of how the Department could
4 better incorporate military-relevant applications of
5 emerging biotechnology into wargaming exercises,
6 tabletop exercises, or other net assessment analyses.

7 (5) The benefits and costs of issuing a research
8 grand challenge, or a series of challenges, that focus
9 on making biotechnology predictably engineerable
10 and how the Department would implement such re-
11 search grand challenge, or challenges.

12 (6) Development of a biotechnology regulation
13 science and technology program within the Depart-
14 ment, including development of digital infrastructure
15 to support simplified regulation and the development
16 of biometrology tools.

17 (7) Updated plans and policies for inter-govern-
18 mental support that the Department could provide
19 in encouraging member countries of the North At-
20 lantic Treaty Organization (NATO) to aggregate de-
21 mand and pool purchasing power for biotechnology
22 products.

23 (8) Review of plans and guidance on how the
24 Department can work to develop, integrate, and dis-
25 seminate biotechnology research initiatives across

1 member countries of the North Atlantic Treaty Or-
2 ganization, and how the Department might coordi-
3 nate with international stakeholders to utilize the
4 combined research capabilities of such member coun-
5 tries to drive a biotechnology development approach.

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