

**SENATE . . . . . No. 2531**

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**The Commonwealth of Massachusetts**

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**In the One Hundred and Ninetieth General Court**  
**(2017-2018)**  
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SENATE, Tuesday, May 29, 2018

The committee on Ways and Means, to whom was referred the House Bill providing continued investment in the life sciences industry in the Commonwealth (House, No. 4501); reports, recommending that the same ought to pass with an amendment striking out all after the enacting clause and inserting in place thereof the text of Senate document numbered 2531.

For the committee,  
Karen E. Spilka

**The Commonwealth of Massachusetts**

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1           SECTION 1. To provide for a program of economic development and job creation, the  
2           sum set forth in section 2, for the several purposes and subject to the conditions specified in this  
3           act, is hereby made available, subject to the laws regulating the disbursement of public funds;  
4           provided, however, that the amounts specified in an item or for a particular project may be  
5           adjusted in order to facilitate projects authorized in this act. This sum shall be in addition to any  
6           amounts previously authorized and made available for these purposes.

7           SECTION 2.

8           EXECUTIVE OFFICE OF HOUSING AND ECONOMIC DEVELOPMENT

9           Massachusetts Life Sciences Center

10           7002-0015. For the Massachusetts Life Sciences Investment Fund established by section  
11           6 of chapter 23I of the General Laws to achieve continued job growth through capital grants that  
12           advance education, workforce development, early-stage company growth through spaces  
13           dedicated to life sciences companies, advanced bio-manufacturing and scientific innovation;  
14           provided, however, that not less than \$47,000,000 shall be expended for design, construction,  
15           development and related infrastructure improvements, including equipment, for an integrated

16 biotechnology and precision manufacturing research and training facility at the University of  
17 Massachusetts at Amherst to meet workforce demands relative to the intersecting areas of  
18 medical devices, biotechnology and digital health in collaboration with industry; provided,  
19 however, that said funds shall not be used for faculty salaries; provided further, that not less than  
20 \$20,000,000 shall be expended for the design, construction, development and related  
21 infrastructure improvements, including equipment, for a center for nursing innovation to be  
22 constructed at the University of Massachusetts at Boston to provide students and practitioners  
23 access to state-of-the art simulation labs and clinical training and research spaces; provided,  
24 however, that said funds shall not be used for faculty salaries; provided further, that not less than  
25 \$21,750,000 shall be expended for expansion and renovation of the center for advanced bio-  
26 manufacturing and digital health at the University of Massachusetts at Dartmouth to support  
27 teaching and research in the areas of rapid prototyping and micro-fabrication, including 2 digital  
28 health facilities in the areas of health data visualization and bioinformatics and sequencing, as  
29 well as the renovation and expansion of laboratories to enable increased enrollment; provided,  
30 however, that said funds shall not be used for faculty salaries; provided further, that not less than  
31 \$50,000,000 shall be expended for the renovation and related infrastructure improvements,  
32 including equipment, for a joint proposal between the University of Massachusetts at Lowell and  
33 the University of Massachusetts medical school to advance neuroscience-related workforce  
34 training, research and commercialization of devices and image-based diagnostics relative to  
35 neuro-imaging and neuro-informatics across the commonwealth; provided, however, that said  
36 funds shall not be used for faculty salaries; provided further, that not less than \$6,000,000 shall  
37 be expended for the development and related infrastructure improvements, including equipment,  
38 for the center for data-driven discovery and healthcare at the University of Massachusetts

39 medical school to advance mobile health and digital technologies through the creation of the  
40 Massachusetts living lab, which shall include a physical and virtual environment to support the  
41 implementation and development of these goals through collaboration with industry partners,  
42 higher education institutions and medical facilities; provided, however, that said funds shall not  
43 be used for faculty salaries; provided further, that not less than \$5,000,000 shall be expended for  
44 the development of a bio-manufacturing platform by the University of Massachusetts medical  
45 school for cell and gene therapies at the MassBiologics SouthCoast facility located in the city of  
46 Fall River to advance workforce training and innovative processes relative to cell and gene  
47 therapy bio-manufacturing; provided, however, that said funds shall not be used for faculty  
48 salaries; provided further, that no funds shall be transferred from this item for capital projects  
49 until the secretary of administration and finance certifies in writing to the board of the  
50 Massachusetts Life Sciences Center established by section 3 of said chapter 23I and to the house  
51 and senate committees on ways and means that all sources of funding for that phase of the  
52 project have been committed and are available as necessary for commencement of said capital  
53 projects; provided further, that said written certification shall include copies of all business plans,  
54 letters of financial commitment and other documentation as the secretary and the board deem  
55 necessary to certify that all other sources of funding have been secured; and provided further,  
56 that funds appropriated for the design, construction and related infrastructure improvements at  
57 the University of Massachusetts medical school, University of Massachusetts at Amherst,  
58 University of Massachusetts at Boston, University of Massachusetts at Lowell and University of  
59 Massachusetts at Dartmouth shall be transferred to the University of Massachusetts Building  
60 Authority for these capital projects; provided, further, that not less than \$5,000,000 shall be  
61 expended for grants to promote regionally-based efforts to increase life sciences, advanced bio-

62 manufacturing and scientific innovation throughout the commonwealth that shall be distributed  
63 in collaboration with regional economic development organizations, as provided for in section  
64 3K of chapter 23A of the General Laws, and ensure that grants shall be based on regional and  
65 employer needs and include a public and private partnership; provided further, that not less than  
66 \$12,000,000 shall be expended for grants to community colleges established by section 5 of  
67 chapter 15A of the General Laws or vocational technical schools, as defined in section 2 of said  
68 chapter 23I, that collaborate with the center and at least 1 advanced bio-manufacturing or life  
69 science company to address regional workforce demands and increase regional employment  
70 opportunities in the areas of biotechnology and life sciences through a technical education  
71 program, workforce development education and training program or an apprenticeship program  
72 .....\$462,970,000

73 SECTION 3. To meet the expenditures necessary in carrying out section 2, the state  
74 treasurer shall, upon receipt of a request by the governor, issue and sell bonds of the  
75 commonwealth in an amount to be specified by the governor, from time to time, but not  
76 exceeding, in the aggregate, \$462,970,000. All bonds issued by the commonwealth, as aforesaid,  
77 shall be designated on their face, Life Sciences Center Capital Improvement Loan Act of 2018,  
78 and shall be issued for a maximum term of years, not exceeding 30 years, as recommended by  
79 the governor in a message to the general court dated June 19, 2017, under Section 3 of Article  
80 LXII of the Amendments to the Constitution; provided, however that all such bonds shall be  
81 payable not later than June 30, 2053. All interest and payments on account of principal on such  
82 obligations shall be payable from the General Fund. Bonds and interest thereon issued under the  
83 authority of this section shall, notwithstanding any other provisions of this act, be general  
84 obligations of the commonwealth.

85 SECTION 4. Section 5 of chapter 23I of the General Laws, as appearing in the 2016  
86 Official Edition, is hereby amended by striking out, in line 92, the figure “\$25,000,000” and  
87 inserting in place thereof the following figure:- \$30,000,000.

88 SECTION 5. Section 6 of chapter 62 of the General Laws is hereby amended by striking  
89 out, in line 940, as so appearing, the figure “\$25,000,000” and inserting in place thereof the  
90 following figure:- \$30,000,000.

91 SECTION 6. Section 38CC of chapter 63 of the General Laws, as so appearing, is hereby  
92 amended by striking out, in line 20, the figure “\$25,000,000” and inserting in place thereof the  
93 following figure:- \$30,000,000.

94 SECTION 7. Chapter 130 of the acts of 2008 is hereby amended by striking out section  
95 49 and inserting in place thereof the following section:-

96 Section 49. The value of any tax incentive award under the life sciences tax incentive  
97 program established in subsection (d) of section 5 of chapter 23I of the General Laws that  
98 extends beyond December 31, 2028, including carry-forwards of losses or credits, shall be taken  
99 into account during the year awarded and the full amount of such tax benefits potentially realized  
100 in periods after December 31, 2028 shall be counted against the annual ceilings for years ending  
101 prior to January 1, 2029. Tax incentives authorized pursuant to the life sciences tax incentive  
102 program shall count toward the \$30,000,000 annual ceiling only if they are not otherwise  
103 available to a taxpayer.

104 SECTION 8. Section 54 of said chapter 130, as most recently amended by section 57 of  
105 chapter 46 of the acts of 2013, is hereby further amended by striking out the figure “2018” and  
106 inserting in place thereof the following figure:- 2028.

107           SECTION 9. To provide for the continued availability of a bond-funded spending  
108 authorization that otherwise would expire, the balance of item 7002-0015 and any allocations  
109 thereof shall be extended to June 30, 2023 for the purposes of, and subject to, the conditions  
110 stated for the item in the original authorization, as amended to date.

111           SECTION 10. Sections 4 to 7, inclusive, shall take effect on January 1, 2019.