

INVIVO THERAPEUTICS HOLDINGS CORP.  
Form POS EX  
March 13, 2018

As filed with the Securities and Exchange Commission on March 13, 2018

Registration No. 333-222738

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

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**POST-EFFECTIVE AMENDMENT NO. 1**

**TO**

**FORM S-1**

**REGISTRATION STATEMENT**

**UNDER**

**THE SECURITIES ACT OF 1933**

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**INVIVO THERAPEUTICS HOLDINGS CORP.**

(Exact name of registrant as specified in its charter)

**Nevada**  
(State or other jurisdiction of  
incorporation or organization)

**3841**  
(Primary Standard Industrial  
Classification Code Number)

**36-4528166**  
(I.R.S. Employer  
Identification No.)

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**One Kendall Square, Suite B14402**

**Cambridge, MA 02139**

**(617) 863-5500**

(Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)

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**Richard Toselli, M.D.**

**Acting Chief Executive Officer**

**InVivo Therapeutics Holdings Corp.**

**One Kendall Square, Suite B14402**

**Cambridge, MA 02139**

**(617) 863-5500**

(Name, address, including zip code, and telephone number, including area code, of agent for service)

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**Copies to:**

**Rosemary G. Reilly, Esq.**

Wilmer Cutler Pickering Hale and Dorr LLP

60 State Street

Boston, Massachusetts 02109

(617) 526-6000

**Approximate date of commencement of proposed sale to the public: As soon as practicable after the effective date of this Registration Statement.**

If any of the securities being registered on this form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, check the following box.  X

If this form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.  O

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If this form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this form is a post-effective amendment filed pursuant to Rule 462(d) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.  File No. 333-222738

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, smaller reporting company, or an emerging growth company. See the definitions of large accelerated filer, accelerated filer, smaller reporting company, and emerging growth company in Rule 12b-2 of the Exchange Act.

Large accelerated filer <input type="checkbox"/>	Accelerated filer <input checked="" type="checkbox"/>	
Non-accelerated filer <input type="checkbox"/>	Smaller reporting company <input type="checkbox"/>	
(Do not check if a smaller reporting company)	Emerging growth company <input type="checkbox"/>	

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 7(a)(2)(B) of the Securities Act.

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**This Post-Effective Amendment to the Registration Statement shall become effective upon filing with the Securities and Exchange Commission in accordance with Rule 462(d) under the Securities Act of 1933, as amended.**

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**EXPLANATORY NOTE**

This Post-Effective Amendment No. 1 to the Registration Statement on Form S-1 (File No. 333-222738) of InVivo Therapeutics Holdings Corp. is being filed solely to file Exhibit 23.1. This Post-Effective Amendment No. 1 does not modify any other part of the Registration Statement. Accordingly, this Amendment No. 1 consists only of a facing page, this explanatory note and Item 16 of the Registration Statement. In accordance with Rule 462(d) under the Securities Act of 1933, as amended, this Amendment No. 1 shall become effective immediately upon filing with the Securities and Exchange Commission.

PART II

INFORMATION NOT REQUIRED IN PROSPECTUS

Item 16. Exhibits and Financial Statement Schedules.

(a) Exhibits.

Exhibit No.	Description
3.1	<u>Articles of Incorporation of InVivo Therapeutics Holdings Corp., as amended (incorporated by reference from Exhibit 3.1 to the Company's Quarterly Report on Form 10-O for the quarter ended June 30, 2016, as filed with the SEC on August 4, 2016).</u>
3.2	<u>Certificate of Amendment to Articles of Incorporation of InVivo Therapeutics Holdings Corp. (incorporated by reference from Exhibit 3.1 to the Company's Current Report on Form 8-K, as filed with the SEC on June 1, 2017).</u>
3.3	<u>Amended and Restated Bylaws of InVivo Therapeutics Holdings Corp. (incorporated by reference from Exhibit 3.1 to the Company's Quarterly Report on Form 10-O for the quarter ended March 31, 2016, as filed with the SEC on May 6, 2016).</u>
4.1	<u>Specimen Common Stock Certificate (incorporated by reference from Exhibit 4.8 to the Company's Annual Report on Form 10-K for the fiscal year ended December 31, 2011, as filed with the SEC on March 15, 2012).</u>
4.2	<u>Warrant dated October 5, 2012 issued to Massachusetts Development Finance Agency (incorporated by reference from Exhibit 4.1 to the Company's Current Report on Form 8-K, as filed with the SEC on October 9, 2012).</u>
4.3	<u>Form of Warrant of InVivo Therapeutics Holdings Corp. (incorporated by reference from Exhibit 4.1 to the Company's Current Report on Form 8-K, as filed with the SEC on May 6, 2014).</u>
4.4	<u>Form of Warrant Agreement (incorporated by reference from Exhibit 4.1 to the Company's Current Report on Form 8-K, as filed with the SEC on March 15, 2016).</u>
5.1++	<u>Opinion of Ballard Spahr LLP</u>
10.1*	<u>InVivo Therapeutics Corp. 2007 Employee, Director and Consultant Stock Plan (incorporated by reference from Exhibit 10.9 to the Company's Current Report on Form 8-K, as filed with the SEC on November 1, 2010).</u>
10.2(i)*	<u>Form of Incentive Stock Option Agreement by and between InVivo Therapeutics Corp. and participants under the 2007 Employee, Director and Consultant Stock Plan (incorporated by reference from Exhibit 10.11(i) to the Company's Current Report on Form 8-K, as filed with the SEC on November 1, 2010).</u>
10.2(ii)*	<u>Form of Non-Qualified Stock Option Agreement by and between InVivo Therapeutics Corp. and participants under the 2007 Employee, Director and Consultant Stock Plan (incorporated by reference from Exhibit 10.11(ii) to the Company's Current Report on Form 8-K, as filed with the SEC on November 1, 2010).</u>
10.3*	<u>InVivo Therapeutics Holdings Corp. 2010 Equity Incentive Plan, as amended (incorporated by reference to Appendix A to the Company's Schedule 14A Proxy Statement, as filed with the SEC on April 19, 2013).</u>
10.4(i)*	<u>Form of Incentive Stock Option Agreement by and between InVivo Therapeutics Holdings Corp. and participants under the 2010 Equity Incentive Plan (incorporated by reference from Exhibit 10.12(i) to the Company's Annual Report on Form 10-K for the fiscal year ended December 31, 2010, as filed with the SEC on March 24, 2011).</u>
10.4(ii)*	<u>Form of Non-Qualified Stock Option Agreement by and between InVivo Therapeutics Holdings Corp. and participants under the 2010 Equity Incentive Plan (incorporated by reference from Exhibit 10.12(ii) to the Company's Annual Report on Form 10-K for the fiscal year ended December 31, 2010, as filed with the SEC on March 24, 2011).</u>
10.5	<u>Form of Scientific Advisory Board Agreement entered into by InVivo Therapeutics Corp. (incorporated by reference from Exhibit 10.13 to the Company's Current Report on Form 8-K, as filed with the SEC on November 1, 2010).</u>
10.6	<u>Exclusive License Agreement dated July 2007 between InVivo Therapeutics Corporation and Children's Medical Center Corporation (incorporated by reference from Exhibit 10.1 to Amendment No. 2 to the Company's Quarterly Report on Form 10-O/A for the quarter ended March 31, 2011, as filed with the SEC on July 18, 2011).</u>



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- 10.7 Amendment One to the Exclusive License, dated May 12, 2011, by and between Children's Medical Center Corporation and InVivo Therapeutics Corporation (incorporated by reference from Exhibit 10.22 to the Amendment No. 4 to the Company's Registration Statement on Form S-1/A (File No. 333-171998), as filed with the SEC on July 19, 2011).
- 10.8 Amendment Two to the Exclusive License, dated August 29, 2017, by and between Children's Medical Center Corporation and InVivo Therapeutics Corporation (incorporated by reference from Exhibit 10.2 to the Company's Quarterly Report on Form 10-Q/A for the quarter ended September 30, 2017, as filed with the SEC on January 3, 2018).
- 10.9 Form of Indemnification Agreement (for directors and officers) (incorporated by reference from Exhibit 10.19 to the Company's Registration Statement on Form S-1 (File No. 333-171998), as filed with the SEC on February 1, 2011).
- 10.10 Lease Agreement, dated November 30, 2011, between InVivo Therapeutics Corporation and RB Kendall Fee, LLC (incorporated by reference from Exhibit 10.25 to the Company's Registration Statement on Form S-1 (File No. 333-178584), as filed with the SEC on December 16, 2011).
- 10.11 Lease Guaranty, dated November 30, 2011, by InVivo Therapeutics Holdings Corp. (incorporated by reference from Exhibit 10.26 to the Company's Registration Statement on Form S-1 (File No. 333-178584), as filed with the SEC on December 16, 2011).
- 10.12 First Amendment of Lease between InVivo Therapeutics Corporation and RB Kendall Fee, LLC, dated September 17, 2012 (incorporated by reference from Exhibit 10.31 to the Company's Annual Report on Form 10-K for the fiscal year ended December 31, 2012, as filed with the SEC on March 12, 2013).
- 10.13\* InVivo Therapeutics Holdings Corp. Annual Cash Bonus Plan for Executive Officers (incorporated by reference from Exhibit 10.2 to the Company's Current Report on Form 8-K, as filed with the SEC on March 8, 2012).
- 10.14 Promissory Note dated October 5, 2012 in favor of Massachusetts Development Finance Agency (incorporated by reference from Exhibit 10.1 to the Company's Current Report on Form 8-K, as filed with the SEC on October 9, 2012).
- 10.15 Purchase Agreement, dated January 25, 2018, between InVivo Therapeutics Holdings Corp. and Lincoln Park Capital Fund, LLC (incorporated by reference from Exhibit 1.1 to the Company's Current Report on Form 8-K, as filed with the SEC on January 26, 2018).
- 10.16 Registration Rights Agreement, dated January 25, 2018, between InVivo Therapeutics Holdings Corp. and Lincoln Park Capital Fund, LLC (incorporated by reference from Exhibit 1.2 to the Company's Current Report on Form 8-K, as filed with the Commission on January 26, 2018).
- 10.17\* Employment Agreement, dated as of December 23, 2013, between the Company and Mark D. Perrin (incorporated by reference from Exhibit 10.28 to the Company's Annual Report on Form 10-K for the fiscal year ended December 31, 2013, as filed with the SEC on March 17, 2014).
- 10.18\* InVivo Therapeutics Holdings Corp. Employee Stock Purchase Plan (incorporated by reference from Exhibit 10.1 to the Company's Current Report on Form 8-K, as filed with the SEC on June 16, 2015).
- 10.19\* InVivo Therapeutics Holdings Corp. 2015 Equity Incentive Plan (incorporated by reference from Exhibit 10.2 to the Company's Current Report on Form 8-K, as filed with the SEC on June 16, 2015).
- 10.20\* Letter Agreement regarding Amendments to Employment Agreement, dated as of July 21, 2015, by and between Mark D. Perrin and InVivo Therapeutics Holding Corp. (incorporated by reference from Exhibit 10.1 to the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2015, as filed with the SEC on November 4, 2015).
- 10.21\* Employment Agreement, dated July 21, 2015, by and between Thomas R. Ulich, M.D and InVivo Therapeutics Holdings Corp. (incorporated by reference from Exhibit 10.3 to the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2015, as filed with the SEC on November 4, 2015).
- 10.22\* Employment Agreement, dated August 3, 2015, by and between Tamara L. Joseph and InVivo Therapeutics Holdings Corp. (incorporated by reference from Exhibit 10.4 to the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2015, as filed with the SEC on November 4, 2015).

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- 10.23\* Employment Agreement, dated August 10, 2016, by and between Pamela Stahl and InVivo Therapeutics Holdings Corp. (incorporated by reference from Exhibit 10.1 to the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2016, as filed with the SEC on November 4, 2016).
- 10.24\* Employment Agreement, dated March 29, 2017, between InVivo Therapeutics Holdings Corp. and Christopher McNulty (incorporated by reference from Exhibit 10.2 to the Company's Quarterly Report on Form 10-Q for the quarter ended March 31, 2017, as filed with the SEC on May 4, 2017).
- 10.25\* Consulting Agreement, dated June 29, 2017, by and between InVivo Therapeutics Holdings Corp. and Richard Toselli, M.D. (incorporated by reference from Exhibit 10.1 to the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2017, as filed with the SEC on August 8, 2017).
- 10.26\*++ Letter Agreement, dated December 17, 2017, by and between Mark D. Perrin and InVivo Therapeutics Holdings Corp.
- 10.27\*++ Employment Agreement, dated December 18, 2017, by and between Richard Toselli and InVivo Therapeutics Holdings Corp.
- 10.28\*++ Consulting Agreement, dated January 3, 2018, by and between Mark D. Perrin and InVivo Therapeutics Holdings Corp.
- 10.29\*++ Letter Agreement, dated January 19, 2018, by and between Tamara L. Joseph and InVivo Therapeutics Holdings Corp.
- 10.30\*++ Consulting Agreement, dated January 19, 2018, by and between Tamara L. Joseph and InVivo Therapeutics Holdings Corp.
- 10.31 Form of Exchange Agreement, dated as of August 10, 2017, between InVivo Therapeutics Holdings Corp. and certain holders of warrants (incorporated by reference from Exhibit 10.1 to the Company's Current Report on Form 8-K, as filed with the SEC on August 10, 2017).
- 21 Subsidiaries of InVivo Therapeutics Holdings Corp. (incorporated by reference from Exhibit 21.1 to the Company's Current Report on Form 8-K, as filed with the SEC on November 1, 2010).
- 23.1+ Consent of RSM US LLP
- 23.2++ Consent of Wolf & Company, P.C.
- 23.3++ Consent of Ballard Spahr LLP (included in Exhibit 5.1)
- 24.1++ Power of Attorney (contained on the signature pages to the registration statement).
- 101.INS XBRL Instance Document
- 101.SCH XBRL Taxonomy Extension Schema Document
- 101.CAL XBRL Taxonomy Calculation Linkbase Document
- 101.DEF XBRL Taxonomy Extension Definition Linkbase Document
- 101.LAB XBRL Taxonomy Label Linkbase Document
- 101.PRE XBRL Taxonomy Presentation Linkbase Document

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+ Filed herewith.

++ Previously filed.

\* Indicates a management contract or compensatory plan or arrangement.

**SIGNATURES**

Pursuant to the requirements of the Securities Act of 1933, the registrant has duly caused this Post-Effective Amendment No. 1 to the Registration Statement on Form S-1 to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Cambridge, Commonwealth of Massachusetts, on March 13, 2018.

**INVIVO THERAPEUTICS HOLDINGS CORP.**

Date: March 13, 2018	By:	/s/ Richard Toselli Richard Toselli President and Chief Executive Officer (Principal Executive Officer)
Date: March 13, 2018	By:	/s/ Christopher McNulty Christopher McNulty Chief Financial Officer (Principal Accounting Officer)

Pursuant to the requirements of the Securities Act of 1933, this Post-Effective Amendment No. 1 to the Registration Statement has been signed by the following persons in the capacities held on the dates indicated.

<b>Signature</b>	<b>Title</b>	<b>Date</b>
/s/ Richard Toselli Richard Toselli	President and Chief Executive Officer (Principal Executive Officer) and Director	March 13, 2018
/s/ Christopher McNulty Christopher McNulty	Chief Financial Officer (Principal Financial Officer and Principal Accounting Officer)	March 13, 2018
* Kenneth DiPietro	Director	March 13, 2018
* Jeffrey Hatfield	Director	March 13, 2018
* Daniel Marshak	Director	March 13, 2018
* C. Ann Merrifield	Director	March 13, 2018
* Christina Morrison	Director	March 13, 2018
* Richard Roberts	Director	March 13, 2018

By: /s/ Christopher McNulty  
Christopher McNulty  
Attorney-in-Fact