Aimmune Thera Form S-8	peutics, Inc.			
February 28, 20:	19			
		hange Commission on February	uary 28, 2019	
Registration No.	333-			
UNITED STAT	ES			
SECURITIES A	ND EXCHANGE (	COMMISSION		
Washington, D.	C. 20549			
FORM S-8				
REGISTRATIO	N STATEMENT			
UNDER				
THE SECURIT	IES ACT OF 1933			
Aimmune Thera	peutics, Inc.			
(Exact name of l	Registrant as specif	ied in its charter)		
	Delaware	2834	45-2748244	
	(State or other jur	isdiction of (Primary Standa	ard Industrial (I.R.S. Employer	
8000 Marina Blv		rganization)Classification C	ode Number)Identification Number)	
Brisbane, CA 94	1005			
(650) 614-5220				
(Address, includ	ing zip code, and te	elephone number, including	area code, of Registrant's principal executive office	es]

2015 Equity Incentive Award Plan

2015 Employee Stock Purchase Plan

(Full Title of the Plan)

Jayson Dallas, M.D.

President and Chief Executive Officer

Aimmune Therapeutics, Inc.

8000 Marina Blvd, Suite 300

Brisbane, CA 94005

(650) 614-5220

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

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Copies to:
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Sheehy, Esq.

Esq.

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CounseEsq.

&

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Telepho**463**-2600 (650) 614-5220

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a 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 Accelerated filer

Non-accelerated filer Smaller reporting company

Emerging growth company

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.

#### CALCULATION OF REGISTRATION FEE

		Proposed	Proposed	
	Amount			
		Maximum	Maximum	
Title of Each Class of	to be	Offering Price	Aggregate Offering	
				Amount of
Securities to be Registered	Registered <sup>(1)</sup>	Per Share <sup>(2)</sup>	Price	Registration Fee
Common Stock, \$0.0001 par value per share	2,485,691(3)	\$24.89	\$61,868,848.99	\$7,498.51
Common Stock, \$0.0001 par value per share	621,423(4)	\$24.89	\$15,467,218.47	\$1,874.63
Total:	3,107,114	\$24.89	\$77,336,067.46	\$9,373.14

- (1) Pursuant to Rule 416(a) under the Securities Act of 1933, as amended (the "Securities Act"), this registration statement shall also cover any additional shares of the Registrant's common stock that become issuable under the 2015 Equity Incentive Award Plan (the "2015 Plan") and the 2015 Employee Stock Purchase Plan (the "ESPP") by reason of any stock dividend, stock split, recapitalization or similar transaction effected without the Registrant's receipt of consideration which would increase the number of outstanding shares of common stock.
- (2) This estimate is made pursuant to Rule 457(c) and Rule 457(h) of the Securities Act solely for purposes of calculating the registration fee. The Proposed Maximum Offering Price Per Share for shares available for future grant is the average of the high and low prices for the registrant's common stock as reported on The Nasdaq Global Select Market on February 27, 2019, which is \$24.89.
- (3) Represents the additional shares of common stock available for future issuance under the 2015 Plan resulting from an annual increase as of January 1, 2019.
- (4) Represents the additional shares of common stock available for future issuance under the ESPP resulting from an annual increase as of January 1, 2019.

Proposed sale to take place as soon after the effective date of the

registration statement as awards under the plans are exercised and/or vest.

### **EXPLANATORY NOTE**

This Registration Statement on Form S-8 is being filed for the purpose of registering an additional 3,107,114 shares of the Registrant's common stock issuable under the following employee benefit plans for which Registration Statements of the Registrant on Form S-8 (File Nos. 333-206307, 333-210142, 333-216724 and 333-223102) are effective: (i) the 2015 Equity Incentive Award Plan, as a result of the operation of an automatic annual increase provision therein, which added 2,485,691 shares of common stock, and (ii) the 2015 Employee Stock Purchase Plan, as a result of the operation of an automatic annual increase provision therein, which added 621,423 shares of common stock.

#### INCORPORATION BY REFERENCE OF CONTENTS OF REGISTRATION STATEMENT ON

#### FORM S-8

Pursuant to Instruction E of Form S-8, the contents of the Registration Statements on Form S-8 filed with the Securities and Exchange Commission on August 11, 2015, March 11, 2016, March 15, 2017 and February 20, 2018 (File Nos. 333-206307, 333-210142, 333-216724 and 333-223102) are incorporated by reference herein.

### **Exhibit Index**

Filed Incorporated by Reference Herewith

Exhibit	
Number Exhibit Description Form Date Number	r
4.1 <u>Amended and Restated Certificate of Incorporation.</u> 8-K 8/11/2015 3.1	
4.2 <u>Amended and Restated Bylaws.</u> 8-K 8/11/2015 3.2	
4.3 Form of Common Stock Certificate. S-1/A 7/27/2015 4.2	
4.4 Amended and Restated Investors' Rights Agreement, dated January S-1 7/6/2015 10.1	
20, 2015, by and	
among Aimmune Therapeutics, Inc. and the investors listed therein.	
4.5 Amended and Restated Registration Rights Agreement, dated 10-K 2/28/2019 4.4	
November 11, 2018, by and between the Company and Nestle	
Health Science US Holdings, Inc.	
4.6 Amended and Restated Standstill Agreement, dated November 11, 10-K 2/28/2019 4.5	
2018, by and between the Company and Nestle Health Science US	
Holdings, Inc.	
5.1 Opinion of Latham & Watkins LLP.	X
23.1 Consent of independent registered public accounting firm.	X
Consent of Latham & Watkins LLP (included in Exhibit 5.1).	X
24.1 Power of Attorney. Reference is made to the signature page to the	X
Registration Statement.	
99.1(a)# <u>2015 Equity Incentive Award Plan.</u> S-8 8/11/2015 99.2(a)	
99.1(b)# Form of Stock Option Grant Notice and Stock Option Agreement S-1/A 7/27/2015 10.6(b)	J
under the 2015 Equity Incentive Award Plan.	

99.1(c)# Form of Restricted Stock Award Agreement and Restricted Stock
Unit Award Agreement under the 2015 Equity Incentive Award
Plan.

99.2# Aimmune Therapeutics, Inc. 2015 Employee Stock Purchase Plan.

S-1/A 7/27/2015 10.6(c)
S-1/A 7/27/2015 99.3

#Indicates management contract or compensatory plan.

#### **SIGNATURES**

Pursuant to the requirements of the Securities Act of 1933, as amended, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in Brisbane, California, on this 28<sup>th</sup> day of February, 2019.

Aimmune Therapeutics, Inc.
By: /s/ Jayson Dallas
 Jayson Dallas, M.D.
President and Chief Executive Officer

#### POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS, that each person whose signature appears below does hereby constitute and appoint Eric H. Bjerkholt and Douglas T. Sheehy, and each of them, with full power of substitution and full power to act without the other, his or her true and lawful attorney-in-fact and agent to act for him or her in his or her name, place and stead, in any and all capacities, to sign any and all amendments (including post-effective amendments) to this registration statement, and to file this registration statement, with all exhibits thereto, and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite and necessary to be done in order to effectuate the same as fully, to all intents and purposes, as they or he or she might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents, or any of them, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, as amended, this registration statement has been signed by the following persons in the capacities and on the date indicated.

Signature	Title	Date
/s/ Jayson Dallas	President, Chief Executive Officer and Director (Principal Executive Officer)	or February 28, 2019
Jayson Dallas, M.D	).	
/s/ Eric H. Bjerkhol	t Chief Financial Officer	February 28, 2019
	(Principal Financial and Accounting Officer)	
Eric H. Bjerkholt		
/s/ Gregory Behar	Director	February 28, 2019

Gregory Behar

/s/ Patrick G. Enright

Director

February 28, 2019

Patrick G. Enright

/s/ Kathryn E. Falberg

Director

February 28, 2019

Kathryn E. Falberg

/s/ Brett Haumann Director

February 28, 2019

Brett Haumann

/s/ Mark T. Iwicki Director

February 28, 2019

Mark T. Iwicki

/s/ Mark D. McDade Director

February 28, 2019

Mark D. McDade

Signature Title Date

/s/ Stacey Director February 28, 2019

D.

Seltzer

Stacey D.

Seltzer