

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

**FORM S-8  
REGISTRATION STATEMENT**  
*Under  
The Securities Act of 1933*

**ALPINE IMMUNE SCIENCES, INC.**  
(Exact name of Registrant as specified in its charter)

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

**20-8969493**  
(I.R.S. Employer  
Identification Number)

**188 East Blaine Street, Suite 200  
Seattle, WA 98102**  
(Address of principal executive offices, including zip code)

**2018 Equity Incentive Plan**  
(Full title of the plan)

**Mitchell H. Gold, M.D.**  
**Executive Chairman and Chief Executive Officer**  
**188 East Blaine Street, Suite 200  
Seattle, WA 98102  
(206) 788-4545**  
(Name, address and telephone number, including area code, of agent for service)

*Copies to:*

**Patrick J. Schultheis  
Michael Nordtvedt  
Bryan D. King  
Wilson Sonsini Goodrich & Rosati,  
Professional Corporation  
701 Fifth Avenue, Suite 5100  
Seattle, Washington 98104-7036  
(206) 883-2500**

**Paul Rickey  
Alpine Immune Sciences, Inc.  
188 East Blaine Street, Suite 200  
Seattle, Washington 98102  
(206) 788-4545**

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	<input type="checkbox"/>	Accelerated filer	<input type="checkbox"/>
Non-accelerated filer	<input checked="" type="checkbox"/>	Smaller reporting company	<input checked="" type="checkbox"/>
		Emerging growth company	<input checked="" 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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**CALCULATION OF REGISTRATION FEE**

<b>Title of Securities to be Registered</b>	<b>Amount to be Registered(1)(2)</b>	<b>Proposed Maximum Offering Price Per Share</b>	<b>Proposed Maximum Aggregate Offering Price</b>	<b>Amount of Registration Fee</b>
Common stock, \$0.001 par value per share:				
—Reserved for issuance under the 2018 Equity Incentive Plan	929,394	\$2.24(3)	\$2,081,843.00	\$271.00
<b>TOTAL:</b>	<b>929,394</b>		<b>\$2,081,843.00</b>	<b>\$271.00</b>

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- (1) Pursuant to Rule 416(a) of 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 2018 Equity Incentive Plan (the “2018 Plan”) by reason of any stock dividend, stock split, recapitalization or other similar transaction effected without receipt of consideration that increases the number of the Registrant’s outstanding shares of common stock.
  - (2) Represents 929,394 additional shares of common stock reserved for issuance as a result of the annual evergreen increase pursuant to the 2018 Plan.
  - (3) Estimated in accordance with Rules 457(c) and 457(h) of the Securities Act solely for purposes of calculating the registration fee on the basis of \$2.24, the average of the high and low prices of the common stock, as reported on the Nasdaq Global Market on March 23, 2020.
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ALPINE IMMUNE SCIENCES, INC.

REGISTRATION OF ADDITIONAL SECURITIES

PURSUANT TO GENERAL INSTRUCTION E

This Registration Statement is being filed for the purpose of increasing the number of securities of the same class for which the Registration Statement on Form S-8 relating to its 2018 Plan is effective. Accordingly, the contents of the previous Registration Statement on Form S-8 filed by the Registrant with the Securities and Exchange Commission (the "Commission") on March 18, 2019 (File No. 333-230369) (the "Previous Form S-8"), including periodic reports filed after the Previous Form S-8 to maintain current information about the Registrant, are incorporated by reference into this Registration Statement pursuant to General Instruction E of Form S-8 (the "Registration Statement").

PART II

INFORMATION REQUIRED IN REGISTRATION STATEMENT

**Item 3. Incorporation of Documents by Reference.**

The Registrant hereby incorporates by reference into this Registration Statement the following documents previously filed with the Commission:

- (1) The Registrant's Annual Report on [Form 10-K](#) for the fiscal year ended December 31, 2019, filed with the Commission on March 30, 2020;
- (2) The Registrant's Current Report on [Form 8-K](#) filed with the Commission on January 27, 2020; and
- (3) The description of the Registrant's common stock contained in [Exhibit 4.8](#) to the Registrant's Annual Report on [Form 10-K](#) for the year ended December 31, 2019, filed with the Commission on March 30, 2020, and any amendment or report filed for the purpose of updating such description.

All documents filed by the Registrant pursuant to Sections 13(a), 13(c), 14 and 15(d) of the Securities Exchange Act of 1934, as amended, on or after the date of this Registration Statement and prior to the filing of a post-effective amendment to this Registration Statement that indicates that all securities offered have been sold or that deregisters all securities then remaining unsold shall be deemed to be incorporated by reference in this Registration Statement and to be a part hereof from the date of filing of such documents; *provided, however*, that documents or information deemed to have been furnished and not filed in accordance with the rules of the Commission shall not be deemed incorporated by reference into this Registration Statement. Any statement contained in a document incorporated or deemed to be incorporated by reference herein shall be deemed to be modified or superseded for purposes of this Registration Statement to the extent that a statement contained herein or in any subsequently filed document which also is deemed to be incorporated by reference herein modifies or supersedes such statement. Any such statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this Registration Statement.

Under no circumstances will any information furnished under current items 2.02 or 7.01 of Form 8-K be deemed incorporated herein by reference unless such Form 8-K expressly provides to the contrary.

**Item 8. Exhibits.**

<b>Exhibit Number</b>	<b>Exhibit Description</b>	<b>Form</b>	<b>Incorporated by Reference</b>		<b>Filing Date</b>
			<b>File No.</b>	<b>Exhibit</b>	
4.1	<a href="#">Amended and Restated Certificate of Incorporation of the Registrant, as amended</a>	10-K	001-37449	3.1	March 28, 2018
4.2	<a href="#">Amended and Restated Bylaws of the Registrant</a>	S-1	333-204127	3.4	May 13, 2015
4.3	<a href="#">Form of Common Stock Certificate of the Registrant</a>	10-K	001-37449	4.1	March 28, 2018
4.4	<a href="#">2018 Equity Incentive Plan</a>	8-K	001-37449	10.1	June 14, 2018
4.5	<a href="#">Form of Stock Option Agreement under the 2018 Equity Incentive Plan</a>	8-K	001-37449	10.2	June 14, 2018
4.6	<a href="#">Form of Restricted Stock Unit Agreement under the 2018 Equity Incentive Plan</a>	8-K	001-37449	10.1	January 27, 2020
5.1+	<a href="#">Opinion of Wilson Sonsini Goodrich &amp; Rosati, Professional Corporation</a>				
23.1+	<a href="#">Consent of Independent Registered Public Accounting Firm</a>				
23.2+	<a href="#">Consent of Wilson Sonsini Goodrich &amp; Rosati, Professional Corporation (contained in Exhibit 5.1 hereto)</a>				
24.1+	<a href="#">Power of Attorney (contained on signature page hereto)</a>				

+ Filed herewith.

## 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 City of Seattle, State of Washington, on the 30th day of March, 2020.

### **Alpine Immune Sciences, Inc.**

By:           /s/ Mitchell H. Gold, M.D.          

**Mitchell H. Gold, M.D.**

Executive Chairman and Chief Executive Officer

## POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS, that each person whose signature appears below constitutes and appoints Mitchell H. Gold, M.D. and Paul Rickey as his or her true and lawful attorneys-in-fact and agents, with full power of substitution and resubstitution, for him or her and in his or her name, place and stead, in any and all capacities (including his or her capacity as a director or officer of Alpine Immune Sciences, Inc.) to sign any or all amendments (including post-effective amendments) to this registration statement, and to file the same, with all exhibits thereto, and all other documents in connection therewith, with the SEC, 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 connection therewith, as fully to all intents and purposes as they, he or she might or could do in person, hereby ratifying and confirming all that said attorney-in-fact and agents or any of them, or their, his or her substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, this Registration Statement on Form S-8 has been signed by the following persons in the capacities and on the dates indicated.

Signature	Title	Date
<i>/s/ Mitchell H. Gold, M.D.</i> <b>Mitchell H. Gold, M.D.</b>	Chief Executive Officer and Executive Chairman of the Board of Directors <i>(Principal Executive Officer)</i>	March 30, 2020
<i>/s/ Paul Rickey</i> <b>Paul Rickey</b>	Senior Vice President and Chief Financial Officer <i>(Principal Accounting and Financial Officer)</i>	March 30, 2020
<i>/s/ Jay Venkatesan, M.D.</i> <b>Jay Venkatesan, M.D.</b>	Director	March 30, 2020
<i>/s/ James Topper, M.D., Ph.D.</i> <b>James Topper, M.D., Ph.D.</b>	Director	March 30, 2020
<i>/s/ Robert Conway</i> <b>Robert Conway</b>	Director	March 30, 2020
<i>/s/ Peter Thompson, M.D.</i> <b>Peter Thompson, M.D.</b>	Director	March 30, 2020
<i>/s/ Paul Sekhri</i> <b>Paul Sekhri</b>	Director	March 30, 2020
<i>/s/ Christopher Peetz</i> <b>Christopher Peetz</b>	Director	March 30, 2020
<i>/s/ Min Cui, Ph.D.</i> <b>Min Cui, Ph.D.</b>	Director	March 30, 2020

**WILSON  
SONSINI**

Wilson Sonsini Goodrich & Rosati  
Professional Corporation  
701 Fifth Avenue  
Suite 5100  
Seattle, Washington 98104-7036  
O: 206.883.2500  
F: 206.883.2699

March 30, 2020

Alpine Immune Sciences, Inc.  
188 East Blaine Street, Suite 200  
Seattle, WA 98102

**Re: Registration Statement on Form S-8**

Ladies and Gentlemen:

We have examined the Registration Statement on Form S-8 (the "Registration Statement") to be filed by Alpine Immune Sciences, Inc., a Delaware corporation, with the Securities and Exchange Commission on or about the date hereof, in connection with the registration under the Securities Act of 1933, as amended, of 929,394 shares of your common stock, par value \$0.001 per share (the "Shares") to be issued pursuant to the 2018 Equity Incentive Plan (the "Plan"). As your legal counsel, we have reviewed the actions proposed to be taken by you in connection with the issuance and sale of the Shares to be issued under the Plan.

It is our opinion that the Shares, when issued and sold in the manner referred to in the Plan and pursuant to the agreements that accompany the Plan, will be legally and validly issued, fully paid and nonassessable.

We consent to the use of this opinion as an exhibit to the Registration Statement, and further consent to the use of our name wherever appearing in the Registration Statement and any amendments thereto.

Very truly yours,

WILSON SONSINI GOODRICH &  
ROSATI  
Professional Corporation

/s/ Wilson Sonsini Goodrich &  
Rosati, P.C.

**Consent of Independent Registered Public Accounting Firm**

We consent to the incorporation by reference in the Registration Statement on Form S-8 pertaining to the 2018 Equity Incentive Plan of Alpine Immune Sciences, Inc. of our report dated March 30, 2020, with respect to the consolidated financial statements of Alpine Immune Sciences, Inc. included in its Annual Report (Form 10-K) for the year ended December 31, 2019, filed with the Securities and Exchange Commission.

/s/ Ernst & Young LLP

Seattle, Washington

March 30, 2020