

Registration No. 333-232161  
Registration No. 333-230364  
Registration No. 333-223985  
Registration No. 333-216742  
Registration No. 333-209991  
Registration No. 333-202576  
Registration No. 333-198098  
Registration No. 333-194125  
Registration No. 333-189361

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

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Post-Effective Amendment No. 1 to Form S-8 Registration Statement No. 333-232161  
Post-Effective Amendment No. 1 to Form S-8 Registration Statement No. 333-230364  
Post-Effective Amendment No. 1 to Form S-8 Registration Statement No. 333-223985  
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Post-Effective Amendment No. 1 to Form S-8 Registration Statement No. 333-198098  
Post-Effective Amendment No. 1 to Form S-8 Registration Statement No. 333-194125  
Post-Effective Amendment No. 1 to Form S-8 Registration Statement No. 333-189361

**FORM S-8 REGISTRATION STATEMENT**

*UNDER  
THE SECURITIES ACT OF 1933*

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**TETRAPHASE PHARMACEUTICALS, INC.**

(Exact name of Registrant as specified in its charter)

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**Delaware**  
(State or Other Jurisdiction of  
Incorporation or Organization)

**20-5276217**  
(I.R.S. Employer  
Identification No.)

**Tetraphase Pharmaceuticals, Inc.**  
**480 Arsenal Way**  
**Watertown, Massachusetts 02472**  
**(617) 715-3600**  
(Address, Including Zip Code, and Telephone Number, Including Area Code, of Registrant's Principal Executive Offices)

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**Michael Hearne**  
**Chief Financial Officer**  
**Tetraphase Pharmaceuticals, Inc.**  
**480 Arsenal Way**  
**Watertown, Massachusetts 02472**  
**(617) 715-3600**  
(Name, Address, Including Zip Code, and Telephone Number, Including Area Code, of Agent For Service)

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*Copies to:*  
**Ryan A. Murr**  
**James J. Moloney**

**Approximate date of commencement of proposed sale to the public: Not applicable**

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If the only securities being registered on this Form are being offered pursuant to dividend or interest reinvestment plans, please check the following box.

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, other than securities offered only in connection with dividend or interest reinvestment plans, check the following box.

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please 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(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 registration statement pursuant to General Instruction I.D. or a post-effective amendment thereto that shall become effective upon filing with the Commission pursuant to Rule 462(e) under the Securities Act, check the following box.

If this Form is a post-effective amendment to a registration statement filed pursuant to General Instruction I.D. filed to register additional securities or additional classes of securities pursuant to Rule 431(b) under the Securities Act, check the following box.

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 type="checkbox"/>

## DEREGISTRATION OF SECURITIES

These post-effective amendments (the “Post-Effective Amendments”) are filed by Tetrphase Pharmaceuticals, Inc. (the “Company”) to remove from registration all shares of common stock of the Company, par value \$0.001 per share (the “Shares”), that were originally registered under the following registration statements on Form S-8 (together, the “Registration Statements”), but remain unissued or unsold under the Registration Statements, respectively:

1. Registration Statement No. 333-189361, registering an additional 3,382,990 Shares consisting of (i) 1,435,948 Shares issuable under the Company’s 2006 Stock Incentive Plan, as amended, and (ii) 1,947,042 Shares issuable under the Company’s 2013 Stock Incentive Plan (the “2013 Stock Incentive Plan”), which was filed with the U.S. Securities and Exchange Commission (the “SEC”) on June 14, 2013.
2. Registration Statement No. 333-194125, registering an additional 1,025,171 Shares for issuance under the 2013 Stock Incentive Plan, which was filed with the SEC on February 25, 2014.
3. Registration Statement No. 333-198098, registering 300,000 Shares for issuance under the Company’s 2014 Employee Stock Purchase Plan, as amended (the “2014 Employee Stock Purchase Plan”), which was filed with the SEC on August 13, 2014.
4. Registration Statement No. 333-202576, registering an additional 1,232,232 Shares for issuance under the 2013 Stock Incentive Plan, which was filed with the SEC on March 6, 2015.
5. Registration Statement No. 333-209991, registering an additional 1,763,391 Shares consisting of (i) 1,463,391 Shares issuable under the 2013 Stock Incentive Plan and (ii) 300,000 Shares issuable to employees of the Company pursuant to certain non-statutory stock option agreements, which was filed with the SEC on March 7, 2016.
6. Registration Statement No. 333-216742, registering an additional 1,477,677 Shares for issuance under the 2013 Stock Incentive Plan, which was filed with the SEC on March 16, 2017.
7. Registration Statement No. 333-223985, registering an additional 2,058,300 Shares for issuance under the 2013 Stock Incentive Plan, which was filed with the SEC on March 28, 2018.
8. Registration Statement No. 333-230364, registering an additional 2,395,442 Shares consisting of (i) 2,147,192 Shares issuable under the 2013 Stock Incentive Plan and (ii) 248,250 Shares issuable to employees of the Company pursuant to certain inducement stock option award agreements, which was filed with the SEC on March 18, 2019.
9. Registration Statement No. 333-232161, registering an additional 300,000 Shares for issuance under the 2014 Employee Stock Purchase Plan, as amended, which was filed with the SEC on June 17, 2019.

On June 24, 2020, the Company entered into an Agreement and Plan of Merger (the “Merger Agreement”) with La Jolla Pharmaceutical Company, a California corporation (“Parent”), and TTP Merger Sub, Inc., a Delaware corporation and a wholly owned subsidiary of Parent (“Purchaser”). Pursuant to the Merger Agreement, on July 28, 2020, Purchaser was merged with and into the Company (the “Merger”). Upon consummation of the Merger, the Company became a wholly owned subsidiary of Parent.

As a result of the Merger, the Company has terminated all offerings of its securities pursuant to its existing registration statements, including the Registration Statements. In accordance with an undertaking made by the Company in each of the Registration Statements to remove from registration, by means of a post-effective amendment, any of the securities that had been registered for issuance that remain unissued or unsold at the termination of the offering, the Company hereby removes from registration all such securities registered under the Registration Statements that remain unissued or unsold as of the date hereof and terminates the effectiveness of the Registration Statements.

The foregoing description of the Merger, the Merger Agreement and the transactions contemplated thereby does not purport to be complete and is subject to, and qualified in its entirety by, the Merger Agreement, which is attached as Exhibit 2.1 to the Company’s Current Report on Form 8-K filed with the SEC on June 24, 2020.

## 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 these Post-Effective Amendments to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of San Diego, State of California, on this 24th day of August, 2020.

### TETRAPHASE PHARMACEUTICALS, INC.

By:	<u>/s/ Michael Hearne</u>
Name:	Michael Hearne
Title:	<i>Chief Financial Officer</i>

No other person is required to sign these Post-Effective Amendments in reliance upon Rule 478 under the Securities Act of 1933, as amended.