

PACIFIC BIOSCIENCES OF CALIFORNIA INC  
Form S-1/A  
October 19, 2010

As filed with the Securities and Exchange Commission on October 18, 2010

Registration No. 333-168858

**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

**AMENDMENT NO. 4 TO**  
**FORM S-1**

REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933

**Pacific Biosciences of California, Inc.**

*(Exact name of Registrant as specified in its charter)*

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

**3826**  
*(Primary Standard Industrial  
Classification Code Number)*  
**1380 Willow Road**

**16-1590339**  
*(I.R.S. Employer  
Identification Number)*

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**Menlo Park, CA 94025**

**(650) 521-8000**

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

**Hugh C. Martin**

**Chief Executive Officer**

**1380 Willow Road**

**Menlo Park, CA 94025**

**(650) 521-8000**

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

**Copies to:**

**Larry W. Sonsini**

**Matthew B. Murphy**

**Alan F. Denenberg**

**Donna M. Petkanics**

**Vice President and General Counsel**

**Davis Polk & Wardwell LLP**

**Wilson Sonsini Goodrich & Rosati, P.C.**

**1380 Willow Road**

**1600 El Camino Real**

**650 Page Mill Road**

**Menlo Park, CA 94025**

**Menlo Park, CA 94025**

**Palo Alto, California 94304**

**(650) 521-8000**

**(650) 752-2000**

**(650) 493-9300**

**Approximate date of commencement of proposed sale to the public:** As soon as practicable after this registration statement becomes effective.

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:

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.  \_\_\_\_\_

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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. " \_\_\_\_\_

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

Large accelerated filer "                      Accelerated filer "                      Non-accelerated filer                       Smaller reporting company "

(Do not check if a smaller reporting company)

## CALCULATION OF REGISTRATION FEE

Title of Each Class of Securities to be Registered	Proposed Maximum Offering Price Per Share	Proposed Maximum	Amount of Registration Fee <sup>(2)</sup>
		Aggregate Offering Price <sup>(1)</sup>	
Common Stock, par value \$0.001 par share	\$17.00	\$230,000,000	\$16,399.00

(1) Estimated solely for the purpose of calculating the registration fee in accordance with Rule 457(o) under the Securities Act of 1933, as amended. Includes offering price of shares that the underwriters have the option to purchase to cover over-allotments.

(2) The Registrant previously paid this registration fee in connection with the previous filings of this Registration Statement.

**The registrant hereby amends this registration statement on such date or dates as may be necessary to delay its effective date until the registrant shall file a further amendment which specifically states that this registration statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act of 1933 or until the registration statement shall become effective on such date as the Securities and Exchange Commission, acting pursuant to said Section 8(a), may determine.**

**EXPLANATORY NOTE**

This Amendment No. 4 to the Registration Statement on Form S-1 (File No. 333-168858) is solely to file Exhibits 3.3, 3.5, 10.7, 10.8 and 10.10. Accordingly, a preliminary prospectus has been omitted.

## PART II

## INFORMATION NOT REQUIRED IN THE PROSPECTUS

**Item 13. Other expenses of issuance and distribution.**

Estimated expenses, other than underwriting discounts and commissions, payable by the Registrant in connection with the sale of the common stock being registered under this registration statement are as follows:

SEC registration fee	\$ 16,399
FINRA filing fee	23,500
Listing fee	275,000
Printing and engraving expenses	200,000
Legal fees and expenses	1,500,000
Accounting fees and expenses	950,000
Blue Sky fees and expenses (including legal fees)	25,000
Transfer agent and registrar fees and expenses	30,000
Miscellaneous	480,101
 Total	 \$ 3,500,000

**Item 14. Indemnification of directors and officers.**

Upon the closing of this offering, the Registrant's amended and restated certificate of incorporation will contain provisions that eliminate, to the maximum extent permitted by the General Corporation Law of the State of Delaware, the personal liability of the Registrant's directors and executive officers for monetary damages for breach of their fiduciary duties as directors or officers. The Registrant's amended and restated certificate of incorporation and bylaws will provide that the Registrant must indemnify its directors and executive officers and may indemnify its employees and other agents to the fullest extent permitted by the General Corporation Law of the State of Delaware.

Sections 145 and 102(b)(7) of the General Corporation Law of the State of Delaware provide that a corporation may indemnify any person made a party to an action by reason of the fact that he or she was a director, executive officer, employee or agent of the corporation or is or was serving at the request of a corporation against expenses, including attorneys' fees, judgments, fines and amounts paid in settlement actually and reasonably incurred by him or her in connection with such action if he or she acted in good faith and in a manner he or she reasonably believed to be in, or not opposed to, the best interests of the corporation and, with respect to any criminal action or proceeding, had no reasonable cause to believe his or her conduct was unlawful, except that, in the case of an action by or in right of the corporation, no indemnification may generally be made in respect of any claim as to which such person is adjudged to be liable to the corporation.

The Registrant intends to enter into indemnification agreements with its directors and executive officers, in addition to the indemnification provided for in its amended and restated certificate of incorporation and bylaws, and intends to enter into indemnification agreements with any new directors and executive officers in the future.

The Registrant has purchased and intends to maintain insurance on behalf of each and any person who is or was a director or officer of the Registrant against any loss arising from any claim asserted against him or her and incurred by him or her in any such capacity, subject to certain exclusions.

The Underwriting Agreement, to be attached as Exhibit 1.1, provides for indemnification by the underwriters of the Registrant and its executive officers and directors, and by the Registrant of the underwriters, for certain liabilities, including liabilities arising under the Securities Act.

See also the undertakings set out in response to Item 17 herein.

**Item 15. Recent sales of unregistered securities.**

During the last three years, we sold the following unregistered securities:

- (1) From January 1, 2007 through July 31, 2010, we sold and issued to our employees, consultants or former service providers an aggregate of 60,364 shares of common stock pursuant to option exercises under the 2004 Equity Incentive Plan, as amended, at prices ranging from \$0.20 to \$0.26 per share for an aggregate purchase price of \$14,473.
- (2) From January 1, 2007 through July 31, 2010, we sold and issued to our employees, consultants or former service providers an aggregate of 944,451 shares of common stock pursuant to option exercises under the 2005 Stock Plan, as amended, at prices ranging from \$0.70 to \$12.74 per share for an aggregate purchase price of \$2,345,980.
- (3) From January 1, 2007 through July 31, 2010, we granted options under our 2005 Stock Plan, as amended, to purchase 9,384,851 shares of common stock to our employees, directors and consultants, having exercise prices ranging from \$1.96 to \$12.74 per share for an aggregate exercise price of \$56,242,373.
- (4) Between July 2008 and July 2009, we sold and issued 13,433,395 shares of Series E convertible preferred stock to 63 accredited investors, at \$14.00 per share, for a total consideration of \$188,067,530.
- (5) Between June and July 2010, we sold and issued 7,132,891 shares of Series F convertible preferred stock to 19 accredited investors, at \$15.26 per share, for a total consideration of \$108,847,917.

None of the foregoing transactions involved any underwriters, underwriting discounts or commissions, or any public offering, and the registrant believes that each transaction was exempt from the registration requirements of the Securities Act in reliance on the following exemptions:

with respect to the transactions described in paragraphs (1), (2) and (3), Rule 701 promulgated under the Securities Act as transactions pursuant to a compensatory benefit plan approved by the registrant's board of directors or Section 4(2) of the Securities Act as transactions by an issuer not involving a public offering; and

with respect to the transactions described in paragraph (4), Section 4(2) of the Securities Act and Rule 506 of Regulation D promulgated thereunder, and with respect to the transactions described in paragraph (5), Section 4(2) of the Securities Act, in each case as transactions by an issuer not involving a public offering. Each recipient of the securities in these transactions represented his or her intention to acquire the securities for investment only and not with a view to, or for resale in connection with, any distribution thereof, and appropriate legends were affixed to the share certificates issued in each such transaction. In each case, the recipient received adequate information about the registrant or had adequate access, through his or her relationship with the registrant, to information about the registrant.

There were no underwriters employed in connection with any of the transactions set forth in Item 15.

**Item 16. Exhibits and financial statement schedules.**

(a) Exhibits:

<b>Exhibit number</b>	<b>Exhibit title</b>
1.1*	Form of Underwriting Agreement
3.1#	Amended and Restated Certificate of Incorporation of the Registrant
3.2#	Certificate of Amendment to Amended and Restated Certificate of Incorporation of the Registrant
3.3	Form of Amended and Restated Certificate of Incorporation of the Registrant, to be effective upon closing of the offering
3.4#	Amended and Restated Bylaws of the Registrant, as currently in effect
3.5	Form of Amended and Restated Bylaws of the Registrant, to be effective upon closing of the offering
4.1#	Specimen Common Stock Certificate of the Registrant
4.2#	Fifth Amended and Restated Investor Rights Agreement, dated June 16, 2010
5.1*	Opinion of Wilson Sonsini Goodrich & Rosati, Professional Corporation
10.1#	Form of Director and Executive Officer Indemnification Agreement
10.2#	2004 Equity Incentive Plan and forms of option agreements thereunder
10.3#	2005 Stock Plan and forms of option agreements thereunder
10.4#	2010 Equity Incentive Plan and forms of option agreements thereunder to be in effect upon the closing of this offering
10.5#	2010 Employee Stock Purchase Plan and forms of agreement thereunder to be in effect upon the closing of this offering
10.6#	2010 Outside Director Equity Incentive Plan and forms of agreement thereunder to be in effect upon the closing of this offering
10.7	Collaboration Agreement by and between the Registrant and Gen-Probe Incorporated, dated as of June 15, 2010
10.8	Exclusive License Agreement by and between the Registrant and Cornell Research Foundation, Inc., dated as of February 1, 2004
10.9 #	License Agreement by and between the Registrant and GE Healthcare Bio-Sciences Corp., dated as of September 11, 2006
10.10	Exclusive License Agreement by and between the Registrant and Indiana University Research and Technology Corporation, dated May 15, 2005
10.11#	Amended and Restated Lease Agreement by and between the Registrant and Menlo Business Park, LLC, dated as of December 17, 2007
10.12#	Lease Agreement by and between the Registrant and Menlo Business Park LLC, dated August 14, 2009
10.13#	Industrial Lease Agreement by and between the Registrant and AMB Property, L.P., dated December 10, 2009
10.14#	Industrial Lease Agreement by and between the Registrant and AMB Property, L.P., dated September 24, 2009
10.15#	First Amendment to the September 24, 2009 Industrial Lease Agreement by and between the Registrant and AMB Property, L.P., dated as of May 19, 2010

**Exhibit**

**number Exhibit title**

- 10.16# Industrial Lease Agreement by and between the Registrant and AMB Property, L.P., dated February 8, 2010
- 10.17# Employment Agreement by and between the registrant and Hugh Martin effective September 16, 2010
- 10.18# Change in Control Severance Agreement by and between the registrant and Hugh Martin effective September 16, 2010
- 10.19# Letter Relating to Employment Terms by and between the registrant and Susan K. Barnes effective September 15, 2010
- 10.20# Change in Control Severance Agreement by and between the registrant and Susan K. Barnes effective September 9, 2010
- 10.21# Letter Relating to Employment Terms by and between the registrant and Stephen Turner effective September 15, 2010
- 10.22# Change in Control Severance Agreement by and between the registrant and Stephen Turner effective September 9, 2010
- 10.23# Letter Relating to Employment Terms by and between the registrant and James Michael Phillips effective September 15, 2010
- 10.24# Change in Control Severance Agreement by and between the registrant and James Michael Phillips effective September 9, 2010
- 21.1# List of subsidiaries of the Registrant
- 23.1# Consent of PricewaterhouseCoopers LLP, Independent Registered Public Accounting Firm
- 23.2\* Consent of Wilson Sonsini Goodrich & Rosati, Professional Corporation (included in Exhibit 5.1)
- 23.3# Consent of Scientia Advisors LLC
- 24.1# Power of Attorney

\* To be filed by amendment.

# Previously filed.

Confidential treatment has been requested for portions of this exhibit. These portions have been omitted from this Registration Statement and have been filed separately with the Securities and Exchange Commission.



**Item 17. Undertakings.**

Insofar as indemnification for liabilities arising under the Securities Act of 1933, as amended, may be permitted to directors, officers and controlling persons of the Registrant pursuant to the foregoing provisions, or otherwise, the Registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Securities Act of 1933, as amended, and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the Registrant of expenses incurred or paid by a director, officer or controlling person of the Registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the Registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act of 1933, as amended, and will be governed by the final adjudication of such issue.

We hereby undertake that:

- (a) We will provide to the underwriters at the closing as specified in the underwriting agreement certificates in such denominations and registered in such names as required by the underwriters to permit prompt delivery to each purchaser.
- (b) For purposes of determining any liability under the Securities Act of 1933, as amended, the information omitted from a form of prospectus filed as part of this registration statement in reliance upon Rule 430A and contained in the form of prospectus filed by the Registrant pursuant to Rule 424(b)(1) or (4) or 497(h) under the Securities Act of 1933, as amended, shall be deemed to be part of this registration statement as of the time it was declared effective.
- (c) For the purpose of determining any liability under the Securities Act of 1933, as amended, each post-effective amendment that contains a form of prospectus shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

**Signatures**

Pursuant to the requirements of the Securities Act of 1933, the registrant has duly caused this amendment to the registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Menlo Park, State of California, on October 18, 2010.

**PACIFIC BIOSCIENCES OF CALIFORNIA, INC.**

By: /s/ SUSAN K. BARNES  
Susan K. Barnes

Senior Vice President and Chief Financial Officer

Pursuant to the requirements of the Securities Act of 1933, this registration statement has been signed by the following persons in the capacities indicated below:

Signature	Title	Date
*	Chairman, Chief Executive Officer and President	October 18, 2010
Hugh C. Martin		
/s/ SUSAN K. BARNES	Senior Vice President and	October 18, 2010
Susan K. Barnes	Chief Financial Officer	
*	Vice President and	October 18, 2010
Brian B. Dow	Principal Accounting Officer	
*	Director	October 18, 2010
Brook Byers		
*	Director	October 18, 2010
William W. Ericson		
*	Director	October 18, 2010
Michael Hunkapiller		
*	Director	October 18, 2010
Randall S. Livingston		
*	Director	October 18, 2010
Susan Siegel		
*	Director	October 18, 2010

David B. Singer

\*By: /s/ SUSAN K. BARNES  
Susan K. Barnes

Attorney in Fact

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