

PROSPECTUS SUPPLEMENT
(to Prospectus dated December 2, 2015)

PSIVIDA CORP.



Up to \$20,000,000 of Shares of Common Stock

We have entered into an At Market Issuance Sales Agreement, or the sales agreement, with FBR Capital Markets & Co., or FBR, relating to shares of our common stock, par value \$0.001 per share, offered by this prospectus supplement. In accordance with the terms of the sales agreement, we may offer and sell shares of our common stock having an aggregate offering price of up to \$20,000,000 from time to time through FBR, acting as sales agent. Sales of the shares of common stock, if any, may be made on The NASDAQ Global Market, or NASDAQ, at market prices and such other sales as agreed upon by us and FBR.

Our common stock is listed on NASDAQ under the symbol "PSDV." On February 7, 2017, the last reported sale price of our common stock on NASDAQ was \$1.66 per share.

FBR may sell shares of our common stock by any method permitted by law deemed to be an "at the market offering" as defined in Rule 415 promulgated under the Securities Act of 1933, as amended (the "Securities Act"), including without limitation sales made directly on NASDAQ, on any other existing trading market for our common stock or to or through a market maker. In addition, FBR may also sell shares of our common stock by any other method permitted by law, including but not limited to negotiated transactions, subject to our prior express written consent. FBR will act as sales agent using commercially reasonable efforts to sell on our behalf all of the shares of common stock requested to be sold by us, consistent with its normal trading and sales practices, on mutually agreed terms between FBR and us. There is no arrangement for funds to be received in any escrow, trust or similar arrangement.

FBR will be entitled to compensation at a fixed commission rate of up to 3.0% of the gross proceeds from each sale of shares of our common stock. In connection with the sale of our common stock on our behalf, FBR may be deemed to be an "underwriter" within the meaning of the Securities Act and the compensation of FBR may be deemed to be underwriting commissions or discounts.

Investing in our securities involves a high degree of risk. See "[Risk Factors](#)" beginning on page S-4 of this prospectus supplement and elsewhere in this prospectus supplement, the accompanying base prospectus and the other documents that are incorporated by reference in this prospectus supplement and the accompanying prospectus.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus supplement or the accompanying prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

FBR

Prospectus supplement, dated February 8, 2017.

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ABOUT THIS PROSPECTUS SUPPLEMENT

This prospectus supplement and the accompanying prospectus are part of a “shelf” registration statement on Form S-3 (File No. 333-208115) that we initially filed with the Securities and Exchange Commission, or SEC, on November 19, 2015, and that was declared effective by the SEC on December 2, 2015. This document is in two parts. The first part is this prospectus supplement which describes the terms of this offering of our common stock and adds to and updates the information contained in the accompanying prospectus. The second part, the accompanying prospectus, provides more general information, some of which may not apply to this offering. Generally, when we refer to this prospectus, we are referring to both parts of this document combined. To the extent there is a conflict between the information contained in this prospectus supplement and the information contained in the accompanying prospectus, you should rely on the information in this prospectus supplement.

This prospectus supplement and the accompanying prospectus relate to the offering of shares of our common stock. Before buying any of the shares of common stock offered hereby, we urge you to read carefully this prospectus supplement and the accompanying prospectus, together with the information incorporated herein by reference as described below under the heading “Incorporation of Certain Information by Reference.” This prospectus supplement contains information about the common stock offered hereby and may add to, update or change information in the accompanying prospectus.

You should rely only on the information contained in, or incorporated by reference into, this prospectus supplement and the accompanying prospectus. We have not, and FBR has not, authorized anyone to provide you with different or additional information.

We are not making offers to sell or solicitations to buy our common stock in any jurisdiction in which an offer or solicitation is not authorized or in which the person making that offer or solicitation is not qualified to do so or to anyone to whom it is unlawful to make an offer or solicitation. You should assume that the information in this prospectus supplement and the accompanying prospectus is accurate only as of the date on the front of the respective document and that any information that we have incorporated by reference is accurate only as of the date of the document incorporated by reference, regardless of the time of delivery of this prospectus supplement or the accompanying prospectus or the time of any sale of our common stock.

This prospectus supplement and the accompanying prospectus contain summaries of certain provisions contained in some of the documents described herein, but reference is made to the actual documents for complete information. All of the summaries are qualified in their entirety by the actual documents. Copies of some of the documents referred to herein have been filed, will be filed or will be incorporated herein by reference as exhibits to the registration statement, and you may obtain copies of those documents as described below under the section entitled “Where You Can Find More Information.”

We further note that the representations, warranties and covenants made by us in any agreement that is filed as an exhibit to any document that is incorporated by reference herein were made solely for the benefit of the parties to such agreement, including, in some cases, for the purpose of allocating risk among the parties to such agreements, and should not be deemed to be a representation, warranty or covenant to you. Moreover, such representations, warranties or covenants were accurate only as of the date when made. Accordingly, such representations, warranties and covenants should not be relied on as accurately representing the current state of our affairs.

This prospectus supplement and the accompanying prospectus contain and incorporate by reference market data and industry statistics and forecasts that are based on independent industry publications and other publicly-available information. Although we believe these sources are reliable, we do not guarantee the accuracy or completeness of this information and we have not independently verified this information. Although we are not aware of any misstatements regarding the market and industry data presented in this prospectus supplement, the

accompanying prospectus or the documents incorporated herein by reference, these estimates involve risks and uncertainties and are subject to change based on various factors, including those discussed under the headings “Risk Factors” in this prospectus supplement and the accompanying prospectus, and under similar headings in the other documents that are incorporated herein by reference. Accordingly, investors should not place undue reliance on this information.

This prospectus and the information incorporated herein by reference include trademarks, service marks and trade names owned by us or other companies. All trademarks, service marks and trade names included or incorporated by reference herein are the property of their respective owners.

Unless the context otherwise requires, in this prospectus supplement the “Company,” “we,” “us,” “our” and similar names refer to pSivida Corp. and its subsidiaries.

PROSPECTUS SUPPLEMENT SUMMARY

This summary highlights selected information about us and this offering and does not contain all of the information that you should consider in making your investment decision. You should carefully read this entire prospectus supplement and the accompanying prospectus, including the risks and uncertainties discussed under the heading “Risk Factors” beginning on page S-4 of this prospectus supplement, and the information incorporated by reference in this prospectus, including our financial statements, before making an investment decision. If you invest in our securities, you are assuming a high degree of risk.

Our Business

We currently develop proprietary sustained-release pharmaceutical products for the treatment of chronic eye diseases. Our products deliver drugs at a controlled and steady rate for months or years. We have developed three of only four sustained-release products approved by the U.S Food and Drug Administration (the “FDA”) for treatment of back-of-the-eye diseases. Durasert™ three-year non-erodible fluocinolone acetonide (“FA”) insert for posterior segment uveitis (“Durasert three-year uveitis”) (formerly known as Medidur™), our lead product candidate, is in pivotal Phase 3 clinical trials, and ILUVIEN® for diabetic macular edema (“ILUVIEN”), our most recent out-licensed product, is sold in the U.S. and three European Union (“EU”) countries. Retisert®, which was approved by the FDA for the treatment of posterior segment uveitis, is sold by Bausch & Lomb Incorporated (“Bausch & Lomb”). Our product development programs are focused primarily on utilizing our Durasert technology platform to deliver drugs and biologics to treat chronic diseases. Our strategy includes developing products independently while continuing to leverage our technology platforms through collaborations and license agreements.

Durasert three-year uveitis, our most advanced development product candidate, is designed to treat chronic non-infectious uveitis affecting the posterior segment of the eye (“posterior uveitis”) for three years from a single administration. Injected into the eye in an office visit, this product is a tiny micro-insert that delivers a micro-dose of a corticosteroid, FA, to the back of the eye on a sustained basis. We are developing Durasert three-year uveitis independently.

The first of two Phase 3 clinical trials investigating Durasert three-year uveitis met its primary efficacy endpoint of prevention of recurrence of disease through six months with high statistical significance ($p < 0.001$, intent to treat analysis) and with safety data consistent with the known effects of ocular corticosteroid use. The same high statistical significance for efficacy and encouraging safety results were maintained through 12 months of follow-up. Due to the high level of statistical significance achieved, we plan to file our EU marketing approval application (“MAA”) based on data from the first Phase 3 clinical trial, rather than two clinical trials. We expect to file the MAA in the second quarter of calendar 2017. The second Phase 3 clinical trial investigating Durasert three-year uveitis completed its target enrollment of 150 patients at the end of September 2016. This clinical trial has the same clinical trial design and the same endpoint as the first Phase 3 clinical trial, and a read-out of its top-line results is expected by the end of the second quarter of calendar 2017. Assuming favorable results, we plan to file a new drug application (“NDA”) with the FDA in the second half of calendar 2017. A utilization study of our new Durasert three-year uveitis inserter with a smaller diameter needle, which is required for both the MAA and NDA, met its primary endpoint of ease of intravitreal administration.

ILUVIEN is an injectable, sustained-release micro-insert that provides three years of treatment of diabetic macular edema from a single injection. ILUVIEN is based on the same technology as the Durasert three-year uveitis insert, and delivers the same steroid, FA, although it is injected using an inserter with a larger diameter needle. ILUVIEN was developed in collaboration with, and is licensed to and sold by Alimera Sciences, Inc. (“Alimera”). We are entitled to a share of the net profits (as defined) from Alimera’s sales of ILUVIEN on a

quarter-by-quarter, country-by-country basis. ILUVIEN has been sold directly in the United Kingdom and Germany since June 2013 and in the U.S. and Portugal since 2015, and also has marketing approvals in 14 other European countries. Distribution, regulatory and reimbursement matters for ILUVIEN for DME in Australia and New Zealand, Canada, Italy and the Middle East have been sublicensed. In the event that Alimera sublicenses commercialization in any country, we are entitled to 20% of royalties and 33% of non-royalty consideration received by Alimera, less certain permitted deductions. We are also entitled to reimbursement of certain patent maintenance costs with respect to the patents licensed to Alimera.

Our FDA-approved Retisert is an implant that provides sustained release treatment of posterior segment uveitis for 30 months. Administered in a surgical procedure, Retisert delivers the same corticosteroid as the Durasert three-year uveitis insert, but in a larger dose. Retisert was co-developed with, and licensed to, Bausch & Lomb, and we receive royalties from its sales.

Our development programs are focused primarily on developing sustained release drug products using our proven Durasert technology platform to deliver small molecule drugs to treat uveitis, wet and dry age-related macular degeneration ("AMD"), osteoarthritis and other diseases. A sustained-release surgical implant delivering a corticosteroid to treat pain associated with severe knee osteoarthritis that was jointly developed by the Company and Hospital for Special Surgery is currently being evaluated in an investigator-sponsored safety and tolerability study. In addition, we continue to develop our Tethadur™ technology platform designed to deliver large molecules, such as biologics, both locally and systemically.

Durasert™, BioSilicon™ and Tethadur™ are our trademarks, Retisert® is Bausch & Lomb's trademark, and ILUVIEN® is Alimera's trademark.

All information in this prospectus supplement with respect to ILUVIEN, including regulatory and marketing information, and Alimera's plans and intentions, reflects information reported by Alimera.

Corporate Information

Our principal executive office (and mailing address) is located at 480 Pleasant Street, Suite B300, Watertown, MA 02472, and our telephone number is (617) 926-5000. Our corporate website is www.psivida.com. We make available free of charge on our website our annual, quarterly and current reports, including amendments to such reports, as soon as reasonably practicable after we electronically file such material with, or furnish such material to, the SEC. Information contained on our website is not incorporated by reference into this prospectus supplement or the accompanying prospectus, and you should not consider information contained on our website as part of this prospectus supplement or the accompanying prospectus.

THE OFFERING

Common stock offered by us pursuant to this prospectus supplement	Shares of our common stock having an aggregate offering price of up to \$20,000,000.
Manner of offering	“At the market offering” that may be made from time to time through our sales agent, FBR. See “Plan of Distribution” on page S-11 of this prospectus supplement.
Use of Proceeds	We currently intend to use the net proceeds for the continued research and clinical and preclinical development of our product candidates, commercialization of our product candidates, if approved, and for other general corporate purposes, which may include working capital, research and development expenditures, the funding of in-licensing agreements for product candidates, additional technologies or other forms of intellectual property, expenditures relating to manufacturing infrastructure and other capital expenditures and general and administrative expenses. As of the date of this prospectus supplement, we cannot specify with certainty all of the particular uses of the net proceeds. As a result, our management will retain broad discretion in the allocation and use of the net proceeds. See “Use of Proceeds” on page S-8 of this prospectus supplement.
Risk Factors	An investment in our common stock involves a high degree of risk. See the information contained in or incorporated by reference under “Risk Factors” on page S-4 of this prospectus supplement, page 19 of our Annual Report on Form 10-K for the year ended June 30, 2016 and under similar headings in the other documents that are incorporated by reference herein, as well as the other information included in or incorporated by reference in this prospectus supplement and the accompanying prospectus.
Market for the common stock	Our common stock is quoted and traded on NASDAQ under the symbol “PSDV.”

RISK FACTORS

Investing in our common stock involves a high degree of risk. Before investing in our common stock, you should carefully consider the risks described below, together with all of the other information contained in this prospectus supplement and the accompanying prospectus and incorporated by reference herein and therein, including from our most recent Annual Report on Form 10-K and subsequent Quarterly Reports on Form 10-Q, as well as any amendment or update to our risk factors reflected in subsequent filings with the SEC. Some of these factors relate principally to our business and the industry in which we operate. Other factors relate principally to your investment in our securities. The risks and uncertainties described therein and below are not the only risks facing us. Additional risks and uncertainties not presently known to us or that we currently deem immaterial may also materially and adversely affect our business and operations.

If any of the matters included in the following risks were to occur, our business, financial condition, results of operations, cash flows or prospects could be materially and adversely affected. In such case, you may lose all or part of your investment.

Risks Related to this Offering

A substantial number of shares may be sold in the market following this offering, which may depress the market price for our common stock.

Sales of a substantial number of shares of our common stock in the public market following this offering could cause the market price of our common stock to decline. Although there can be no assurance that any of the \$20,000,000 worth of shares being offered under this prospectus supplement will be sold or the price at which any such shares might be sold, assuming that an aggregate of 12,048,192 shares of our common stock are sold during the term of the sales agreement with FBR, in each case, for example, at a price of \$1.66 per share, the last reported sale price of our common stock on NASDAQ on February 7, 2017, upon completion of this offering, based on our shares outstanding as of December 31, 2016, we will have outstanding an aggregate of 46,225,191 shares of common stock, assuming no exercise or settlement, as the case may be, of outstanding stock options, performance stock units, restricted stock units or warrants. A substantial majority of the outstanding shares of our common stock are, and all of the shares sold in this offering upon issuance will be, freely tradable without restriction or further registration under the Securities Act, unless these shares are owned or purchased by “affiliates” as that term is defined in Rule 144 under the Securities Act.

In addition, as of December 31, 2016, there were outstanding (i) options to purchase an aggregate of 6,907,891 shares of our common stock at a weighted average exercise price of \$3.49 per share, of which options to purchase 4,178,657 shares of our common stock were then exercisable, (ii) performance stock units to acquire up to an aggregate of 700,000 shares of our common stock, subject to vesting and (iii) warrants to purchase 623,605 shares of our common stock at a weighted average exercise price of \$2.50 per share. The shares of our common stock issuable upon exercise or settlement of these options, performance stock units and warrants may be immediately eligible for resale in the open market, either in compliance with an exemption from registration under the Securities Act (because the issuance of the shares was registered with the SEC), or pursuant to an effective resale registration statement that we have previously filed with the SEC. Such sales, along with any other market transactions, could adversely affect the market price of our common stock. Additional dilution may result from the issuance of shares of our common stock in connection with collaborations or manufacturing arrangements or in connection with other financing efforts.

Moreover, if we issue options, performance stock units, restricted stock units or warrants to purchase or acquire our common stock in the future and those options, performance stock units, restricted stock units or warrants are exercised or settled you may experience further dilution. Holders of shares of our common stock have no preemptive rights that entitle them to purchase their pro rata share of any offering of shares of any class or series.

You may experience immediate and substantial dilution.

The offering price per share in this offering may exceed the net tangible book value per share of our common stock outstanding prior to this offering. Assuming that an aggregate of 12,048,192 shares of our common stock are sold at a price of \$1.66 per share, the last reported sale price of our common stock on NASDAQ on February 7, 2017, for aggregate gross proceeds of \$20 million, and after deducting commissions and estimated offering expenses payable by us, you will experience immediate dilution of \$0.94 per share, representing the difference between our as adjusted net tangible book value per share as of December 31, 2016 after giving effect to this offering and the assumed offering price. The exercise of outstanding stock options and warrants and the settlement of performance units will result in further dilution of your investment. See the section entitled “Dilution” below for a more detailed illustration of the dilution you would incur if you participate in this offering.

You may experience future dilution as a result of future equity offerings or other equity issuances.

In order to raise additional capital, we may in the future offer and issue additional shares of our common stock or other securities convertible into or exchangeable for our common stock. We cannot assure you that we will be able to sell shares or other securities in any other offering at a price per share that is equal to or greater than the price per share paid by investors in this offering, and investors purchasing shares or other securities in the future could have rights superior to existing stockholders. The price per share at which we sell additional shares of our common stock or other securities convertible into, exercisable or exchangeable for, or settled in, our common stock in future transactions may be higher or lower than the price per share in this offering. As of December 31, 2016, we had reserved 6,907,891 shares of our common stock for issuance upon the exercise of outstanding stock options, 3,489,241 shares of our common stock for future issuance under the 2016 Long Term Equity Incentive Plan, 700,000 shares of our common stock for issuance upon the vesting of our outstanding performance stock units and 623,605 shares of our common stock for issuance upon exercise of outstanding warrants. You will incur dilution upon the grant of any shares pursuant to such plan, upon vesting of any stock awards under any such plan, or upon exercise of any such outstanding options or warrants.

We have broad discretion in the use of the net proceeds of this offering and, despite our efforts, we may use the net proceeds in a manner that does not increase the value of your investment.

We currently intend to use the net proceeds from this offering for the continued research and clinical and preclinical development of our product candidates, commercialization of our product candidates, if approved, and for other general corporate purposes, which may include working capital, research and development expenditures, the funding of in-licensing agreements for product candidates, additional technologies or other forms of intellectual property, expenditures relating to manufacturing infrastructure and other capital expenditures and general and administrative expenses. However, we have not determined the specific allocation of the net proceeds among these potential uses. Our management will have broad discretion over the use and investment of the net proceeds of this offering, and, accordingly, investors in this offering will need to rely upon the judgment of our management with respect to the use of proceeds, with only limited information concerning our specific intentions. These proceeds could be applied in ways that do not improve our operating results or increase the value of your investment. Please see the section entitled “Use of Proceeds” on page S-8 of this prospectus supplement for further information.

NOTE REGARDING FORWARD-LOOKING STATEMENTS

Various statements made in this prospectus supplement are forward-looking and involve risks and uncertainties. All statements that address activities, events or developments that we intend, expect or believe may occur in the future are forward-looking statements within the meaning of Section 27A of the Securities Act and Section 21E of the Exchange Act. Such statements give our current expectations or forecasts of future events and are not statements of historical or current facts. These statements include, among others, statements about:

- the sufficiency of our cash and cash equivalents to fund our operations through approximately the first quarter of fiscal 2018;
- our ability to obtain additional capital in sufficient amounts and on terms acceptable to us, and the consequences of failing to do so;
- future expenses and capital expenditures;
- our expectations regarding the timing and design of our clinical development plans;
- the timing of regulatory filings, both in the U.S. and EU
- our expectation to submit an MAA to the EU for Durasert three-year uveitis in the second quarter of calendar 2017;
- our expectation to submit an NDA to the FDA for Durasert three-year uveitis in the second half of calendar 2017;
- the implication of results from pre-clinical and clinical trials and our other research activities;
- our intentions regarding our research into the use and application of our Durasert and Tethadur technology platforms;
- the impact of changes in foreign exchange rates for the currencies in which we operate on our operating expenses and stockholders' equity;
- our expectation that we will continue to incur significant expenses and that our operating losses and our net cash outflows to fund operations will continue for the foreseeable future;
- the potential advantages of our product candidates and technologies;
- the scope and duration of intellectual property protection; and
- the effect of legal and regulatory developments.

Forward-looking statements also include statements other than statements of current or historical fact, including, without limitation, all statements related to any expectations of revenues, expenses, cash flows, earnings or losses from operations, cash required to maintain current and planned operations, capital or other financial items; any statements of the plans, strategies and objectives of management for future operations; any plans or expectations with respect to product research, development and commercialization, including regulatory approvals; any other statements of expectations, plans, intentions or beliefs; and any statements of assumptions underlying any of the foregoing. We often, although not always, identify forward-looking statements by using words or phrases such as “likely”, “expect”, “intend”, “anticipate”, “believe”, “estimate”, “plan”, “project”, “forecast” and “outlook”.

The following are some of the factors that could cause actual results to differ materially from the anticipated results or other expectations expressed, anticipated or implied in our forward-looking statements: uncertainties with respect to: our ability to achieve profitable operations and access to needed capital; fluctuations in our operating results; further impairment of our intangible assets; successful commercialization of, and receipt of revenues from, ILUVIEN, which depends on Alimera's ability to continue as a going concern and the effect of pricing and reimbursement decisions on sales of ILUVIEN; safety and efficacy results of the second Durasert

three-year uveitis Phase 3 clinical trial and the number of clinical trials and data required for the Durasert three-year uveitis marketing approval applications in the U.S. and EU; our ability to file and the timing of filing and acceptance of the Durasert three-year uveitis marketing approval applications in the U.S. and EU; our ability to use data in a U.S. NDA from clinical trials outside the U.S.; maintenance of European orphan designation for Durasert three-year uveitis; our ability to successfully commercialize Durasert three-year uveitis, if approved; the outcome of a dispute with Alimera regarding commercialization expenses; potential off-label sales of ILUVIEN for uveitis; consequences of FA side effects; potential declines in Retisert royalties ; our ability to develop Tethadur to successfully deliver large biologic molecules and develop products using it; efficacy and our future development of an implant to treat severe osteoarthritis; our ability to successfully develop product candidates, initiate and complete clinical trials and receive regulatory approvals; our ability to market and sell products; the success of current and future license agreements; termination or breach of current license agreements; our dependence on contract research organizations, vendors and investigators; effects of competition and other developments affecting sales of products; market acceptance of products; effects of guidelines, recommendations and studies; protection of intellectual property and avoiding intellectual property infringement; retention of key personnel; product liability; industry consolidation; compliance with environmental laws; manufacturing risks; risks and costs of international business operations; effects of the potential U.K. exit from the EU; legislative or regulatory changes; volatility of stock price; possible dilution; absence of dividends; and other factors described in our filings with the SEC. You should read and interpret any forward-looking statements in light of these risks. Should known or unknown risks materialize, or should underlying assumptions prove inaccurate, actual results could differ materially from past results and those anticipated, estimated or projected in the forward-looking statements. You should bear this in mind as you consider any forward-looking statements. Our forward-looking statements speak only as of the dates on which they are made. We do not undertake any obligation to publicly update or revise our forward-looking statements even if experience or future changes makes it clear that any projected results expressed or implied in such statements will not be realized.

Before deciding to purchase our securities, you should carefully consider the risk factors discussed and incorporated by reference in this prospectus supplement and the accompanying prospectus and in the registration statement of which this prospectus supplement and the accompanying prospectus form a part.

USE OF PROCEEDS

The amount of proceeds from this offering will depend upon the number of shares of our common stock sold and the market price at which they are sold. There can be no assurance that we will be able to sell any shares under or fully utilize the sales agreement with FBR as a source of financing.

We currently intend to use the net proceeds from this offering for the continued research and clinical and preclinical development of our product candidates, commercialization of our product candidates, if approved, and for other general corporate purposes, which may include, without limitation:

- working capital;
- research and development expenditures;
- the funding of in-licensing agreements for product candidates, additional technologies or other forms of intellectual property;
- expenditures relating to manufacturing infrastructure and other capital expenditures; and
- general and administrative expenses.

The amounts and timing of our use of the net proceeds from this offering will depend on a number of factors, such as the timing and progress of our research and development efforts, the timing and progress of any partnering efforts, technological advances and the competitive environment for our product candidates. As of the date of this prospectus supplement, we cannot specify with certainty all of the particular uses for the net proceeds to us from the sale of the shares of common stock offered by us hereunder. Accordingly, our management will have broad discretion in the timing and application of these proceeds. Pending application of the net proceeds as described above, we intend to temporarily invest the proceeds in short-term, interest-bearing instruments.

DILUTION

Purchasers of common stock in this offering will experience immediate dilution to the extent of the difference between the public offering price per share of common stock, and the net tangible book value per share of common stock immediately after this offering.

Our net tangible book value as of December 31, 2016 was approximately \$14.0 million, or \$0.41 per share of common stock. Net tangible book value per share is determined by dividing total tangible assets less total liabilities, excluding items such as intangibles and non-cash U.S. generally accepted accounting principles adjustments, by the aggregate number of shares of common stock outstanding as of December 31, 2016. Dilution per share to new investors represents the difference between the amount per share paid by purchasers for our common stock in this offering and the net tangible book value per share of our common stock immediately following the completion of this offering.

After giving effect to the sale of shares of common stock offered by this prospectus supplement at an assumed public offering price of \$1.66 per share of common stock (the last reported sale price of our common stock on NASDAQ on February 7, 2017), and after deducting the commissions and estimated aggregate offering expenses payable by us, our net tangible book value as of December 31, 2016 would have been approximately \$33.4 million, or \$0.72 per share of common stock. This represents an immediate increase in net tangible book value of \$0.31 per share to our existing stockholders and an immediate dilution of \$0.94 per share of common stock issued to the new investors purchasing securities in this offering.

The following table illustrates this per share dilution:

Assumed public offering price per share of common stock	\$ 1.66
Net tangible book value per share as of December 31, 2016	\$0.41
Increase per share attributable to new investors	\$0.31
As adjusted net tangible book value per share after this offering	\$ 0.72
Dilution per share to new investors	<u>\$ 0.94</u>

The table above assumes for illustrative purposes that an aggregate of 12,048,192 shares of our common stock are sold at a price of \$1.66 per share, the last reported sale price of our common stock on NASDAQ on February 7, 2017, for aggregate gross proceeds of approximately \$20.0 million. The shares sold in this offering, if any, will be sold from time to time at various prices. An increase of \$1.00 per share in the price at which the shares are sold from the assumed offering price of \$1.66 per share shown in the table above, assuming all of our common stock in the aggregate amount of \$20.0 million is sold at that price, would increase our as adjusted net tangible book value per share after this offering to \$0.80 per share and would increase the dilution in net tangible book value per share to new investors to \$1.86 per share, after deducting commissions and estimated aggregate offering expenses payable by us. A decrease of \$1.00 per share in the price at which the shares are sold from the assumed offering price of \$1.66 per share shown in the table above, assuming all of our common stock in the aggregate amount of \$20.0 million is sold at that price, would decrease our as adjusted net tangible book value per share after this offering to \$0.52 per share and would decrease the dilution in net tangible book value per share to new investors to \$0.14 per share, after deducting commissions and estimated aggregate offering expenses payable by us.

The information discussed above is illustrative only and may differ based on the actual offering price and the actual number of shares offered.

The above table is based on 34,176,999 shares of common stock outstanding as of December 31, 2016. Unless specifically stated otherwise, the information in this prospectus supplement is as of December 31, 2016 and excludes:

- 6,907,891 shares of our common stock issuable on exercise of options outstanding as of that date, which had a weighted average exercise price of \$3.49 per share at that date;

- 3,489,241 shares of our common stock that have been reserved for issuance in connection with future grants under the 2016 Long Term Equity Incentive Plan;
- 700,000 shares of our common stock issuable on the vesting of performance stock units outstanding as of that date; and
- 623,605 shares of our common stock issuable on exercise of warrants outstanding as of that date, which had a weighted average exercise price of \$2.50 per share at that date.

To the extent that options or warrants are exercised, new options are issued under the 2016 Long Term Equity Incentive Plan, or we issue additional shares of common stock in the future, there may be further dilution to investors participating in this offering. In addition, we may choose to raise additional capital because of market conditions or strategic considerations, even if we believe that we have sufficient funds for our current or future operating plans. If we raise additional capital through the sale of equity or convertible debt securities, the issuance of these securities could result in further dilution to our stockholders.

PLAN OF DISTRIBUTION

We have entered into the sales agreement with FBR under which we may issue and sell our common stock from time to time through FBR acting as sales agent. Sales of shares of our common stock, if any, under this prospectus supplement and the accompanying prospectus may be made by any method that is deemed an “at the market offering” as defined in Rule 415 promulgated under the Securities Act, including sales made directly on or through NASDAQ, the existing trading market for our common stock, sales made to or through a market maker other than on an exchange or otherwise, in negotiated transactions at market prices, and/or any other method permitted by law. We may instruct FBR not to sell common stock if the sales cannot be effected at or above the price designated by us from time to time. We or FBR may suspend the offering of common stock upon notice and subject to other conditions.

FBR will offer our common stock subject to the terms and conditions of the sales agreement as agreed upon by us and FBR. Each time we wish to issue and sell common stock under the sales agreement, we will notify FBR of the number of shares to be issued, the time period during which such sales are requested to be made, any limitation on the number of shares that may be sold in one day, any minimum price below which sales may not be made and other sales parameters as we deem appropriate. Once we have so instructed FBR, unless FBR declines to accept the terms of the notice, FBR has agreed to use its commercially reasonable efforts consistent with its normal trading and sales practices to sell such shares up to the amount specified on such terms. The obligations of FBR under the sales agreement to sell our common stock are subject to a number of conditions that we must meet.

We will pay FBR commissions for its services in acting as agent in the sale of common stock at a commission rate of up to 3.0% of the gross sales from each sale of shares of our common stock. FBR may also receive customary brokerage commissions from purchasers of the common stock in compliance with FINRA Rule 2121. Because there is no minimum offering amount required as a condition to close this offering, the actual total public offering amount, commissions and proceeds to us, if any, are not determinable at this time. We have also agreed to reimburse FBR for certain specified expenses, including the reasonable and documented fees and disbursements of its legal counsel in an amount not to exceed \$25,000. We estimate that the total expenses for the offering, excluding commissions and reimbursements payable to FBR under the terms of the sales agreement, will be approximately \$140,000.

Settlement for sales of common stock will generally occur on the third business day following the date on which any sales are made, or on some other date that is agreed upon by us and FBR in connection with a particular transaction, in return for payment of the net proceeds to us. There is no arrangement for funds to be received in an escrow, trust or similar arrangement.

In connection with the sale of the common stock on our behalf, FBR may be deemed to be an “underwriter” within the meaning of the Securities Act and the compensation of FBR may be deemed to be underwriting commissions or discounts. We have agreed to provide indemnification and contribution to FBR against certain civil liabilities, including liabilities under the Securities Act.

The offering of our common stock pursuant to the sales agreement will terminate upon the earlier of (i) the sale of all of our common stock subject to the sales agreement, or (ii) termination of the sales agreement as provided therein.

FBR and its affiliates may in the future provide various investment banking and other financial services for us and our affiliates, for which services they may in the future receive customary fees.

LEGAL MATTERS

The validity of the securities we are offering will be passed upon by Hogan Lovells US LLP. Duane Morris LLP is representing FBR in connection with this offering.

EXPERTS

The consolidated financial statements incorporated in this prospectus supplement by reference from the Company's Annual Report on Form 10-K for the year ended June 30, 2016 and the effectiveness of the Company's internal control over financial reporting have been audited by Deloitte & Touche LLP, an independent registered public accounting firm, as stated in their reports, which are incorporated herein by reference. Such consolidated financial statements have been so incorporated in reliance upon the reports of such firm given upon their authority as experts in accounting and auditing.

WHERE YOU CAN FIND MORE INFORMATION

We have filed with the SEC a registration statement on Form S-3 under the Securities Act, of which this prospectus supplement forms a part. The rules and regulations of the SEC allow us to omit from this prospectus supplement certain information included in the registration statement. For further information about us and the securities we are offering under this prospectus, you should refer to the registration statement and the exhibits and schedules filed with the registration statement. With respect to the statements contained in this prospectus supplement regarding the contents of any agreement or any other document, in each instance, the statement is qualified in all respects by the complete text of the agreement or document, a copy of which has been filed as an exhibit to the registration statement.

Because we are subject to the information and reporting requirements of the Exchange Act, we file annual, quarterly and current reports, proxy statements and other information with the SEC. Our SEC filings are available to the public over the Internet at the SEC's website at <http://www.sec.gov>. You may also read and copy any document we file at the SEC's Public Reference Room at 100 F Street, N.E., Washington, D.C. 20549. Please call the SEC at 1-800-SEC-0330 for further information on the operation of the Public Reference Room.

We make available free of charge on our website our annual, quarterly and current reports, including amendments to such reports, as soon as reasonably practicable after we electronically file such material with, or furnish such material to, the SEC. Please note, however, that we have not incorporated any other information by reference from our website, other than the documents listed under the heading "Incorporation of Certain Information by Reference" on page S-13 of this prospectus supplement. In addition, you may request copies of these filings at no cost by writing or telephoning us at the following address or telephone number:

pSivida Corp.
480 Pleasant Street, Suite B300
Watertown, MA 02472
Telephone: (617) 926-5000

INCORPORATION OF CERTAIN INFORMATION BY REFERENCE

The SEC allows us to “incorporate by reference” information into this prospectus supplement. This means that we can disclose important information to you by referring you to other documents we have filed separately with the SEC, without actually including the specific information in this prospectus supplement. The information incorporated by reference is considered to be part of this prospectus supplement, and information that we file later with the SEC (and that is deemed to be “filed” with the SEC) will automatically update, and may supersede, information in this prospectus supplement.

- Our Annual Report on Form 10-K for the year ended June 30, 2016 filed with the SEC on September 13, 2016;
- Our Quarterly Report on Form 10-Q for the quarter ended September 30, 2016 (filed with the SEC on November 8, 2016);
- Our Definitive Proxy Statement on Schedule 14A filed with the SEC on October 26, 2016, to the extent incorporated by reference into our Annual Report on Form 10-K for the year ended June 30, 2016;
- Our Current Reports on Form 8-K filed with the SEC on July 18, 2016, September 20, 2016, September 28, 2016, November 8, 2016, December 16, 2016, December 20, 2016, December 23, 2016, December 30, 2016, January 10, 2017 and February 8, 2017; and
- The description of our common stock contained in our current report on Form 8-K filed under Rule 12g-3 of the Exchange Act on June 19, 2008, including any amendments or reports filed for the purpose of updating such description.

All reports and other documents subsequently filed by us pursuant to Sections 13(a), 13(c), 14 and 15(d) of the Exchange Act after the date of this prospectus supplement and prior to the termination or completion of the offering of securities under this prospectus supplement shall be deemed to be incorporated by reference in this prospectus supplement and to be a part hereof from the date of filing such reports and other documents.

To obtain copies of these filings, see “Where You Can Find More Information” on page S-12 of this prospectus supplement.

\$75,000,000

PSIVIDA CORP.



Common Stock, Preferred Stock, Debt Securities, Warrants and Units

pSivida Corp. may offer from time to time, in one or more series or issuances and at prices and on terms that will be determined at the time of offering, up to \$75,000,000 in gross proceeds to pSivida Corp. of:

- Common Stock
- Preferred Stock
- Debt Securities
- Warrants
- Units

The preferred stock may be convertible into shares of our common stock, the debt securities may be convertible into shares of our common stock or shares of our preferred stock, the warrants may be exercisable for shares of our common stock, shares of our preferred stock or our debt securities and the units may consist of any combination of the other types of securities described in this prospectus.

We will provide specific terms of the common stock, preferred stock, debt securities warrants and units (which we refer to collectively as the “Securities”) in supplements to this prospectus at the time when we offer them. You should read this prospectus and such applicable supplements carefully before you invest in any of these securities.

The Securities may be offered directly by us, through dealers, agents or underwriters designated from time to time or through any combination of these methods. If dealers, agents or underwriters are involved in a particular sale, we will disclose their names and the nature of our arrangements with them in the applicable prospectus supplement. The net proceeds we expect to receive from any sale also will be included in the applicable prospectus supplement.

Our common stock is quoted on the NASDAQ Global Market under the symbol “PSDV.” The last reported sale price of our common stock on the NASDAQ Global Market on November 18, 2015 was \$3.86. None of the other securities offered under this prospectus are publicly traded.

Investing in the Securities involves risks. See “[Risk Factors](#)” on page 2.

This prospectus may not be used to offer or sell securities unless accompanied by a prospectus supplement for the securities being sold.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or passed upon the adequacy or accuracy of this prospectus. Any representation to the contrary is a criminal offense.

The date of this prospectus is December 2, 2015.

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You should read this prospectus, including all documents incorporated herein by reference, together with additional information described under “Where You Can Find Additional Information.”

You may obtain the information incorporated herein by reference without charge by following the instructions under “Where You Can Find Additional Information” or “Incorporation of Certain Information by Reference.”

You should rely only on the information contained in this prospectus. We have not authorized anyone to provide you with information that is different. This prospectus is not an offer to sell, nor is it seeking an offer to buy, the Securities in any jurisdiction where the offer or sale of the Securities is not permitted. You should assume that the information contained in this prospectus is accurate only as of the date on the front of this prospectus and that the information contained in each document incorporated by herein by reference is accurate only as of the date of each such document. Our business, financial condition, liquidity, results of operations and prospects may have changed since those dates.

ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement that we filed with the Securities and Exchange Commission (the “SEC”) utilizing a “shelf” registration process. Under this shelf registration process, we may sell any combination of the Securities in one or more offerings resulting in gross proceeds to us of up to \$75,000,000. This prospectus provides you with a general description of the Securities. Each time we sell a portion of the Securities, we will provide a prospectus supplement that will contain specific information about the terms of that offering. The prospectus supplement may also add, update or change information contained in this prospectus. To the extent that any statement that we make in a prospectus supplement is inconsistent with statements made in this prospectus, you should assume that the statements made in the prospectus supplement modify or supersede those made in this prospectus. You should read both this prospectus and any prospectus supplement together with additional information described under the heading “Where You Can Find Additional Information” on page 15 of this prospectus.

Unless otherwise indicated or unless the context requires otherwise, all references in this prospectus to “the Company,” “pSivida,” “we,” “us” and “our” refer to pSivida Corp.

PROSPECTUS SUMMARY

The following is a summary of selected information contained elsewhere or incorporated by reference in this prospectus. It does not contain all of the information that you should consider before buying our securities. You should read this entire prospectus carefully, as well as any applicable prospectus supplement, the documents incorporated by reference into this prospectus, or the applicable prospectus supplement, and any free writing prospectus we have prepared, including the material referenced under the heading “Risk Factors.”

THE COMPANY

Our Business

We develop sustained-release pharmaceutical products for treating eye diseases. Our products deliver drugs at a controlled and steady rate for months or years. We have developed three of only four sustained-release products approved by the U.S. Food and Drug Administration (“FDA”) for treatment of back-of-the-eye diseases. Our lead product candidate Medidur™ is in pivotal Phase III clinical trials, and our lead licensed product ILUVIEN® is sold in the United States and three European Union (“EU”) countries. Our pre-clinical development program is focused primarily on developing products for chronic ophthalmic diseases utilizing our two core technology platforms. Our strategy includes developing products independently, while continuing to leverage our technology platforms through collaborations and license agreements.

Medidur is an injectable, sustained-release micro-insert designed to treat chronic non-infectious uveitis affecting the posterior segment of the eye (“posterior uveitis”) for three years from a single administration. Medidur, which is the same micro-insert as ILUVIEN, is in two Phase III clinical trials. We plan to file a new drug application (“NDA”) in the first half of 2017 based on six-month efficacy data from both trials and data from a short-duration utilization study of our redesigned proprietary inserter, together with data referenced from the Phase III trials of ILUVIEN. We are developing Medidur independently.

ILUVIEN, our most recently approved product, is an injectable, sustained-release micro-insert that provides treatment of diabetic macular edema (“DME”) for up to three years from a single administration. ILUVIEN is licensed to and sold by Alimera Sciences, Inc. (“Alimera”), and we are entitled to a share of the net profits (as defined) from Alimera’s sales of ILUVIEN on a quarter-by-quarter, country-by-country basis. ILUVIEN was launched in late February 2015 in the United States, where it is indicated for the treatment of DME in patients previously treated with a course of corticosteroids without a clinically significant rise in intraocular pressure.

ILUVIEN was also launched in Portugal in January 2015 and has been commercially available in the United Kingdom and Germany since June 2013. ILUVIEN has marketing approvals in 17 EU countries for the treatment of chronic DME considered insufficiently responsive to available therapies.

Distribution, regulatory and reimbursement matters for ILUVIEN for DME in Australia and New Zealand, Canada and Italy have been sublicensed. We are entitled to 20% of any royalties and 33% of all other payments received by Alimera pursuant to the sublicense agreements, including any milestone payments.

Our FDA-approved Retisert® provides sustained release treatment of posterior uveitis for approximately two and a half years. It is licensed to Bausch & Lomb, and we receive royalties from its sales.

Our pre-clinical development program is focused on developing products using our Durasert™ and Tethadur™ technology platforms to deliver drugs and biologics to treat wet and dry age-related macular degeneration, glaucoma, osteoarthritis and other diseases.

Durasert, Medidur and Tethadur are our trademarks, Retisert is Bausch & Lomb's trademark and ILUVIEN is Alimera's trademark.

All information in this prospectus with respect to ILUVIEN, including regulatory and marketing information, and Alimera's plans and intentions, reflects information reported by Alimera.

Corporate Information

Our principal executive office (and mailing address) is located at 480 Pleasant Street, Suite B300, Watertown, MA 02472, and our telephone number is (617) 926-5000.

RISK FACTORS

You should carefully consider the specific risks set forth under the caption "Risk Factors" in our most recent annual report on Form 10-K, which are incorporated by reference in this prospectus, as the same may be amended, supplemented or superseded by our subsequent quarterly reports or other filings, including filings after the date hereof, with the SEC under the Securities Exchange Act of 1934, as amended (the "Exchange Act"). The risks and uncertainties we describe are not the only ones facing us. Additional risks not presently known to us or that we currently deem immaterial may also impair our business operations. If any of these risks were to occur, our business, financial condition and results of operations would likely suffer. In that event, the value of our securities could decline, and you could lose all or part of your investment.

FORWARD-LOOKING STATEMENTS

This prospectus contains forward-looking statements within the meaning of Section 27A of the Securities Act and Section 21E of the Exchange Act. Forward-looking statements are inherently subject to risks, uncertainties and potentially inaccurate assumptions. Such statements give our current expectations or forecasts of future events; they do not relate strictly to historical or current facts. All statements other than statements of historical fact could be deemed forward-looking statements, including, without limitation, expectations of revenue, expenses, cash flows, earnings or losses from operations, cash required to maintain current and planned operations, capital or other financial items; any statements of the plans, strategies and objectives of management for future operations; any plans or expectations with respect to product research, development and commercialization, including regulatory approvals and decisions regarding reimbursement; any other statements of expectations, plans, intentions or beliefs; and any statements of assumptions underlying any of the foregoing.

We often, although not always, identify forward-looking statements by using words or phrases such as “likely,” “expect,” “intend,” “anticipate,” “believe,” “estimate,” “plan,” “project,” “forecast” and “outlook.”

We cannot guarantee that the results and other expectations expressed, anticipated or implied in any forward-looking statement will be realized. The risks incorporated under the heading “Risk Factors” herein describe major risks to our business, and you should read and interpret any forward-looking statements together with these risks. A variety of factors, including these risks, could cause our actual results and other expectations to differ materially from the anticipated results or other expectations expressed, anticipated or implied in our forward-looking statements. Should known or unknown risks materialize, or should our underlying assumptions prove inaccurate, actual results could differ materially from past results and those anticipated, estimated or projected in the forward-looking statements. You should bear this in mind as you consider any forward-looking statements.

Our forward-looking statements speak only as of the dates on which they are made. We do not undertake any obligation to update or revise any forward-looking statement, whether to reflect new information, future events or otherwise. You are advised, however, to consult any further disclosures we may make in our future reports to the SEC, on our website, www.psivida.com, or otherwise.

RATIO OF EARNINGS TO FIXED CHARGES

If we offer preferred stock and/or debt securities under this registration statement, then we will, if required at that time, provide a ratio of combined fixed charges and preference dividends to earnings and/or ratio of earnings to fixed charges, respectively, in the applicable prospectus supplement relating to such offering.

USE OF PROCEEDS

Unless we identify other uses of proceeds in a prospectus supplement, we intend to use the net proceeds from the sale of the Securities for our general corporate purposes, which may include funding our clinical trials, capital expenditures, acquisitions and working capital. Pending use, the net proceeds also may be temporarily invested in short-term securities. Additional information on the use of net proceeds from the sale of securities covered by this prospectus may be set forth in the prospectus supplement relating to the specific offering.

PLAN OF DISTRIBUTION

We may sell the Securities in any one or more of the following ways from time to time:

- to or through underwriters;
- to or through dealers;
- through agents;
- directly to purchasers, including our affiliates; or
- in “at the market offerings,” within the meaning of Rule 415(a)(4) of the Securities Act, to or through a market maker or into an existing trading market, or an exchange or otherwise.

The prospectus supplement with respect to any offering of Securities will set forth the terms of the offering, including:

- the name or names and addresses of any underwriters, dealers or agents;
- the purchase price of such Securities and the proceeds to us from the sale;

- any underwriting discounts and commissions or agency fees and other items constituting underwriters' or agents' compensation; and
- any delayed delivery arrangements.

The distribution of Securities may be effected from time to time in one or more transactions at a fixed price or prices, which may be changed, at market prices prevailing at the time of sale, at prices related to the prevailing market prices or at negotiated prices.

If Securities are sold by means of an underwritten offering, we will execute an underwriting agreement with an underwriter or underwriters, and the names of the specific managing underwriter or underwriters, as well as any other underwriters, and the terms of the transaction, including commissions, discounts and any other compensation of the underwriters and dealers, if any, will be set forth in the prospectus supplement that will be used by the underwriters to sell such Securities. If underwriters are utilized in the sale of Securities, such Securities will be acquired by the underwriters for their own account and may be resold from time to time in one or more transactions, including negotiated transactions, at fixed public offering prices or at varying prices determined by the underwriters at the time of sale.

Securities may be offered to the public either through underwriting syndicates represented by managing underwriters or directly by the managing underwriters. If any underwriter or underwriters are utilized in the sale of Securities, unless otherwise indicated in the applicable prospectus supplement, the underwriting agreement will provide that the obligations of the underwriters are subject to conditions precedent and that the underwriters with respect to a sale of such Securities will be obligated to purchase all of those Securities if they purchase any of those Securities.

We may grant to underwriters options to purchase additional Securities at the public offering price with additional underwriting discounts or commissions. If we grant any such option, the terms of such option will be set forth in the applicable prospectus supplement.

If a dealer is utilized in the sales of Securities in respect of which this prospectus is delivered, we will sell those Securities to the dealer as principal. The dealer may then resell those Securities to the public at varying prices to be determined by the dealer at the time of resale. Any reselling dealer may be deemed to be an underwriter, as the term is defined in the Securities Act, of the Securities so offered and sold. The name of the dealer and the terms of the transaction will be set forth in the applicable prospectus supplement.

Offers to purchase Securities may be solicited by agents designated by us from time to time. Any agent involved in the offer or sale of Securities in respect of which this prospectus is delivered will be named, and any commissions payable by us to the agent will be set forth, in the applicable prospectus supplement. Unless otherwise indicated in the prospectus supplement, any agent will be acting on a reasonable best efforts basis for the period of its appointment. Any agent may be deemed to be an underwriter, as that term is defined in the Securities Act, of the Securities so offered and sold.

Offers to purchase Securities may be solicited directly by us and the sale of those Securities may be made by us directly to institutional investors or others, who may be deemed to be underwriters within the meaning of the Securities Act with respect to any resale of those Securities. The terms of any sales of this type will be described in the applicable prospectus supplement.

Underwriters, dealers, agents and remarketing firms may be entitled under relevant agreements entered into with us to indemnification by us against certain civil liabilities, including liabilities under the Securities Act, that may arise from any untrue statement or alleged untrue statement of a material fact or any omission or alleged omission to state a material fact in this prospectus, any supplement or amendment hereto or in the registration statement of which this prospectus forms a part, or to contribution with respect to payments that the agents, underwriters or dealers may be required to make.

If so indicated in the prospectus supplement, we will authorize underwriters or other persons acting as our agents to solicit offers by institutions to purchase Securities from us pursuant to contracts providing for payments and delivery on a future date. Institutions with which contracts of this type may be made include commercial and savings banks, insurance companies, pension funds, investment companies, educational and charitable institutions and others, but in all cases those institutions must be approved by us. The obligations of any purchaser under any contract of this type will be subject to the condition that the purchase of Securities shall not at the time of delivery be prohibited under the laws of the jurisdiction to which the purchaser is subject. The underwriters and other persons acting as our agents will not have any responsibility in respect of the validity or performance of those contracts.

Disclosure in the prospectus supplement of our use of delayed delivery contracts will include the commission that underwriters and agents soliciting purchases of Securities under delayed contracts will be entitled to receive in addition to the date when we will demand payment and delivery of Securities under the delayed delivery contracts. These delayed delivery contracts will be subject only to the conditions that we describe in the applicable prospectus supplement.

In connection with the offering of Securities, persons participating in the offering, such as any underwriters, may purchase and sell Securities in the open market. These transactions may include over-allotment and stabilizing transactions and purchases to cover syndicate short positions created in connection with the offering. Stabilizing transactions consist of bids or purchases for the purpose of preventing or retarding a decline in the market price of the Securities, and syndicate short positions involve the sale by underwriters of a greater number of Securities than they are required to purchase from any issuer in the offering. Underwriters also may impose a penalty bid, whereby selling concessions allowed to syndicate members or other broker-dealers in respect of the Securities sold in the offering for their account may be reclaimed by the syndicate if such Securities are repurchased by the syndicate in stabilizing or covering transactions. These activities may stabilize, maintain or otherwise affect the market price of the Securities, which may be higher than the price that might prevail in the open market, and these activities, if commenced, may be discontinued at any time.

DESCRIPTION OF SECURITIES

Common Stock

For a full description of our common stock, please refer to the documents identified in the section “Incorporation of Certain Information by Reference.”

Preferred Stock

We currently have authorized 5,000,000 shares of preferred stock, par value \$0.001 per share, of which no shares have been designated.

Under Delaware law and our charter, our board of directors is authorized, without shareholder approval, to issue shares of preferred stock from time to time in one or more series. Subject to limitations prescribed by Delaware law and our charter, the board of directors may determine the number of shares constituting each series of preferred stock and the designation, preferences, voting powers, qualifications and special or relative rights or privileges of that series. These may include provisions concerning voting, redemption, dividends, dissolution or the distribution of assets, conversion or exchange and other subjects or matters as may be fixed by resolution of the board or an authorized committee of the board.

Our board of directors could authorize the issuance of shares of preferred stock with terms and conditions that could have the effect of discouraging a takeover or other transaction that holders of some, or a majority, of our common stock might believe to be in their best interests or in which holders of some, or a majority, of our common stock might receive a premium for their shares over the then market price of those shares.

If we offer a specific series of preferred stock under this prospectus, we will describe the terms of the preferred stock in the prospectus supplement for such offering and will file a copy of the certificate establishing the terms of the preferred stock with the SEC. To the extent required, this description will include:

- the title and stated value;
- the number of shares offered, the liquidation preference per share, and the purchase price;
- the dividend rate(s), period(s), and/or payment date(s), or method(s) of calculation for such dividends;
- whether dividends will be cumulative or non-cumulative and, if cumulative, the date from which dividends will accumulate;
- the procedures for any auction and remarketing, if any;
- the provisions for a sinking fund, if any;
- the provisions for redemption, if applicable;
- any listing of the preferred stock on any securities exchange or market;
- whether the preferred stock will be convertible into our common stock, and, if applicable, the conversion price (or how it will be calculated) and conversion period;
- whether the preferred stock will be exchangeable into debt securities, and, if applicable, the exchange price (or how it will be calculated) and exchange period;
- voting rights, if any, of the preferred stock;
- a discussion of any material and/or special U.S. federal income tax considerations applicable to the preferred stock;
- the relative ranking and preferences of the preferred stock as to dividend rights and rights upon liquidation, dissolution, or winding up of our the affairs; and
- any material limitations on issuance of any class or series of preferred stock ranking senior to or on a parity with the series of preferred stock as to dividend rights and rights upon our liquidation, dissolution, or winding up.

Debt Securities

We will issue the debt securities offered by this prospectus and any accompanying prospectus supplement under an indenture to be entered into between us and the trustee identified in the applicable prospectus supplement. The terms of the debt securities will include those stated in the indenture and those made part of the indenture by reference to the Trust Indenture Act of 1939, as in effect on the date of the indenture. We have filed a copy of the form of indenture as an exhibit to the registration statement in which this prospectus is included. The indenture will be subject to and governed by the terms of the Trust Indenture Act of 1939.

We may offer under this prospectus up to an aggregate principal amount of \$75,000,000 in debt securities, or if debt securities are issued at a discount, or in a foreign currency, foreign currency units or composite currency, the principal amount as may be sold for an initial public offering price of up to \$75,000,000. Unless otherwise specified in the applicable prospectus supplement, the debt securities will represent direct, unsecured obligations of pSivida Corp. and will rank equally with all of our other unsecured indebtedness.

The following statements relating to the debt securities and the indenture are summaries, qualified in their entirety to the detailed provisions of the indenture.

General

We may issue the debt securities in one or more series with the same or various maturities, at par, at a premium, or at a discount. We will describe the particular terms of each series of debt securities in a prospectus supplement relating to that series, which we will file with the SEC.

The prospectus supplement will set forth, to the extent required, the following terms of the debt securities in respect of which the prospectus supplement is delivered:

- the title of the series;
- the aggregate principal amount;
- the issue price or prices, expressed as a percentage of the aggregate principal amount of the debt securities;
- any limit on the aggregate principal amount;
- the date or dates on which principal is payable;
- the interest rate or rates (which may be fixed or variable) or, if applicable, the method used to determine such rate or rates;
- the date or dates from which interest, if any, will be payable and any regular record date for the interest payable;
- the place or places where principal and, if applicable, premium and interest, is payable;
- the terms and conditions upon which we may, or the holders may require us to, redeem or repurchase the debt securities;
- the denominations in which such debt securities may be issuable, if other than denominations of \$1,000 or any integral multiple of that number;
- whether the debt securities are to be issuable in the form of certificated debt securities (as described below) or global debt securities (as described below);
- the portion of principal amount that will be payable upon declaration of acceleration of the maturity date if other than the principal amount of the debt securities;
- the currency of denomination;

- the designation of the currency, currencies or currency units in which payment of principal and, if applicable, premium and interest, will be made;
- if payments of principal and, if applicable, premium or interest, on the debt securities are to be made in one or more currencies or currency units other than the currency of denomination, the manner in which the exchange rate with respect to such payments will be determined;
- if amounts of principal and, if applicable, premium and interest may be determined by reference to an index based on a currency or currencies or by reference to a commodity, commodity index, stock exchange index or financial index, then the manner in which such amounts will be determined;
- the provisions, if any, relating to any collateral provided for such debt securities;
- any addition to or change in the covenants and/or the acceleration provisions described in this prospectus or in the indenture;
- any events of default, if not otherwise described below under “Events of Default”;
- the terms and conditions, if any, for conversion into or exchange for shares of common stock or preferred stock;
- any depositaries, interest rate calculation agents, exchange rate calculation agents or other agents; and
- the terms and conditions, if any, upon which the debt securities shall be subordinated in right of payment to other indebtedness of pSivida Corp.

We may issue discount debt securities that provide for an amount less than the stated principal amount to be due and payable upon acceleration of the maturity of such debt securities in accordance with the terms of the indenture. We may also issue debt securities in bearer form, with or without coupons. If we issue discount debt securities or debt securities in bearer form, we will describe material U.S. federal income tax considerations and other material special considerations that apply to these debt securities in the applicable prospectus supplement.

We may issue debt securities denominated in or payable in a foreign currency or currencies or a foreign currency unit or units. If we do, we will describe the restrictions, elections, and general tax considerations relating to the debt securities and the foreign currency or currencies or foreign currency unit or units in the applicable prospectus supplement.

Exchange and/or Conversion Rights

We may issue debt securities which can be exchanged for or converted into shares of common stock or preferred stock. If we do, we will describe the terms of exchange or conversion in the prospectus supplement relating to these debt securities.

Transfer and Exchange

We may issue debt securities that will be represented by either:

- “book-entry securities,” which means that there will be one or more global securities registered in the name of a depositary or a nominee of a depositary; or
- “certificated securities,” which means that they will be represented by a certificate issued in definitive registered form.

We will specify in the prospectus supplement applicable to a particular offering whether the debt securities offered will be book-entry or certificated securities.

Certificated Debt Securities

If you hold certificated debt securities, you may transfer or exchange such debt securities at the trustee's office or at the paying agent's office or agency in accordance with the terms of the indenture. You will not be charged a service charge for any transfer or exchange of certificated debt securities, but you may be required to pay an amount sufficient to cover any tax or other governmental charge payable in connection with such transfer or exchange.

You may effect the transfer of certificated debt securities and of the right to receive the principal of, and any premium and/or interest on, the certificated debt securities only by surrendering the certificate representing the certificated debt securities and having us or the trustee issue a new certificate to the new holder.

Global Securities

If we decide to issue debt securities in the form of one or more global securities, then we will register the global securities in the name of the depositary for the global securities or the nominee of the depositary, and the global securities will be delivered by the trustee to the depositary for credit to the accounts of the holders of beneficial interests in the debt securities.

The prospectus supplement will describe the specific terms of the depositary arrangement for debt securities of a series that are issued in global form. None of our company, the trustee, any payment agent or the security registrar will have any responsibility or liability for any aspect of the records relating to or payments made on account of beneficial ownership interests in a global debt security or for maintaining, supervising or reviewing any records relating to these beneficial ownership interests.

No Protection in the Event of Change of Control

The indenture does not have any covenants or other provisions providing for a put or increased interest or otherwise that would afford holders of debt securities additional protection in the event of a recapitalization transaction, a change of control of pSivida Corp. or a highly leveraged transaction. If we offer any covenants or provisions of this type with respect to any debt securities covered by this prospectus, we will describe them in the applicable prospectus supplement.

Covenants

Unless otherwise indicated in this prospectus or a prospectus supplement, the debt securities will not have the benefit of any covenants that limit or restrict our business or operations, the pledging of our assets or the incurrence by us of indebtedness. We will describe in the applicable prospectus supplement any material covenants in respect of a series of debt securities.

Consolidation, Merger and Sale of Assets

We have agreed in the indenture that we will not consolidate with or merge into any other person or convey, transfer, sell or lease our properties and assets substantially as an entirety to any person, unless:

- the person formed by the consolidation or into or with which we are merged, or the person to which our properties and assets are conveyed, transferred, sold or leased, is a corporation organized and existing under the laws of the United States, any state or the District of Columbia or a corporation or comparable legal entity organized under the laws of a foreign jurisdiction and, if we are not the surviving person, the surviving person has expressly assumed all of our obligations, including the payment of the principal of, and any premium and/or interest on, the debt securities and the performance of the other covenants under the indenture; and
- immediately before and immediately after giving effect to the transaction, no event of default, and no event which, after notice or lapse of time or both, would become an event of default, has occurred and is continuing under the indenture.

Events of Default

Unless otherwise specified in the applicable prospectus supplement, the following events will be events of default under the indenture with respect to debt securities of any series:

- we fail to pay any principal or premium, if any, when it becomes due;
- we fail to pay any interest within 30 days after it becomes due;
- we fail to comply with any other covenant in the debt securities or the indenture for 60 days after written notice specifying the failure from the trustee or the holders of not less than 25% in aggregate principal amount of the outstanding debt securities of that series; and
- certain events involving bankruptcy, insolvency or reorganization of pSivida Corp. or any of our significant subsidiaries.

The trustee may withhold notice to the holders of the debt securities of any series of any default, except in payment of principal of or any premium or interest on the debt securities of a series, if the trustee considers it to be in the best interest of the holders of the debt securities of that series to do so. If an event of default (other than an event of default resulting from certain events of bankruptcy, insolvency or reorganization) occurs, and is continuing, then the trustee or the holders of not less than 25% in aggregate principal amount of the outstanding debt securities of any series may accelerate the maturity of the debt securities. If this happens, the entire principal amount, plus the premium, if any, of all the outstanding debt securities of the affected series plus accrued interest to the date of acceleration will be immediately due and payable. At any time after the acceleration, but before a judgment or decree based on such acceleration is obtained by the trustee, the holders of a majority in aggregate principal amount of outstanding debt securities of such series may rescind and annul such acceleration if:

- all events of default (other than nonpayment of accelerated principal, premium or interest) have been cured or waived;
- all lawful interest on overdue interest and overdue principal has been paid; and
- the rescission would not conflict with any judgment or decree.

In addition, if the acceleration occurs at any time when we have outstanding indebtedness that is senior to the debt securities, the payment of the principal amount of outstanding debt securities may be subordinated in right of payment to the prior payment of any amounts due under the senior indebtedness, in which case the holders of debt securities will be entitled to payment under the terms prescribed in the instruments evidencing the senior indebtedness and the indenture. If an event of default resulting from certain events of bankruptcy, insolvency or reorganization occurs, the principal, premium and interest amount with respect to all of the debt securities of any series will be due and payable immediately without any declaration or other act on the part of the trustee or the holders of the debt securities of that series. Holders of a majority in principal amount of the outstanding debt securities of a series will have the right to waive any existing default or compliance with any provision of the indenture or the debt securities of that series and to direct the time, method and place of conducting any proceeding for any remedy available to the trustee, subject to certain limitations specified in the indenture. No holder of any debt security of a series will have any right to institute any proceeding with respect to the indenture or for any remedy under the indenture, unless:

- the holder gives to the trustee written notice of a continuing event of default;
- the holders of at least 25% in aggregate principal amount of the outstanding debt securities of the affected series make a written request and offer reasonable indemnity to the trustee to institute a proceeding as trustee;
- the trustee fails to institute a proceeding within 60 days after such request; and
- the holders of a majority in aggregate principal amount of the outstanding debt securities of the affected series do not give the trustee a direction inconsistent with such request during such 60-day period.

These limitations do not, however, apply to a suit instituted for payment on debt securities of any series on or after the due dates expressed in the debt securities.

Modification and Waiver

From time to time, we and the trustee may, without the consent of holders of the debt securities of one or more series, amend the indenture or the debt securities of one or more series, or supplement the indenture, for certain specified purposes, including:

- to provide that the surviving entity following a change of control of pSivida Corp. permitted under the indenture will assume all of our obligations under the indenture and debt securities;
- to provide for certificated debt securities in addition to uncertificated debt securities;
- to comply with any requirements of the SEC under the Trust Indenture Act of 1939;
- to cure any ambiguity, defect or inconsistency, or make any other change that does not materially and adversely affect the rights of any holder; and
- to appoint a successor trustee under the indenture with respect to one or more series.

From time to time we and the trustee may, with the consent of holders of at least a majority in principal amount of the outstanding series of debt securities, amend or supplement the indenture or the debt securities of such series, or waive compliance in a particular instance by us with any provision of the indenture or the debt securities. We may not, however, without the consent of each holder affected by such action, modify or supplement the indenture or the debt securities or waive compliance with any provision of the indenture or the debt securities in order to:

- reduce the amount of debt securities whose holders must consent to an amendment, supplement or waiver to or under the indenture or such debt security;
- reduce the rate of or change the time for payment of interest;
- reduce the principal of or change the stated maturity of the debt securities;
- make any debt security payable in a currency other than that stated in the debt security;
- change the amount or time of any payment required or reduce the premium payable upon any redemption, or change the time before which no such redemption may be made;
- waive a default in the payment of the principal of, or any premium or interest on, the debt securities or a redemption payment;
- waive a redemption payment with respect to any debt securities or change any provision with respect to redemption of debt securities; or
- take any other action otherwise prohibited by the indenture to be taken without the consent of each holder affected by the action.

Defeasance of Debt Securities and Certain Covenants in Certain Circumstances

The indenture permits us, at any time, to elect to discharge our obligations with respect to one or more series of debt securities by following certain procedures described in the indenture. These procedures will allow us either:

- to defease and be discharged from any and all of our obligations with respect to any debt securities except for the following obligations (which discharge is referred to as “legal defeasance”):
 - (1) to register the transfer or exchange of such debt securities;
 - (2) to replace temporary or mutilated, destroyed, lost or stolen debt securities;

- (3) to compensate and indemnify the trustee; or
- (4) to maintain an office or agency in respect of the debt securities and to hold monies for payment in trust; or
- to be released from our obligations with respect to the debt securities under certain covenants contained in the indenture, as well as any additional covenants that may be contained in the applicable supplemental indenture (which release is referred to as “covenant defeasance”).

In order to exercise either defeasance option, we must deposit with the trustee or other qualifying trustee, in trust for that purpose:

- money;
- U.S. Government Obligations (as described below) or Foreign Government Obligations (as described below) that through the scheduled payment of principal and interest in accordance with their terms will provide money; or
- a combination of money and/or U.S. Government Obligations and/or Foreign Government Obligations sufficient in the written opinion of a nationally-recognized firm of independent accountants to provide money;

that in each case specified above, provides a sufficient amount to pay the principal of, and any premium and/or interest on, the debt securities of the series, on the scheduled due dates or on a selected date of redemption in accordance with the terms of the indenture.

In addition, defeasance may be effected only if, among other things:

- in the case of either legal or covenant defeasance, we deliver to the trustee an opinion of counsel, as specified in the indenture, stating that as a result of the defeasance neither the trust nor the trustee will be required to register as an investment company under the Investment Company Act of 1940;
- in the case of legal defeasance, we deliver to the trustee an opinion of counsel stating that we have received from, or there has been published by, the Internal Revenue Service a ruling to the effect that, or there has been a change in any applicable federal income tax law with the effect that (and the opinion shall confirm that), the holders of outstanding debt securities will not recognize income, gain or loss for U.S. federal income tax purposes solely as a result of such legal defeasance and will be subject to U.S. federal income tax on the same amounts, in the same manner, including as a result of prepayment, and at the same times as would have been the case if legal defeasance had not occurred;
- in the case of covenant defeasance, we deliver to the trustee an opinion of counsel to the effect that the holders of the outstanding debt securities will not recognize income, gain or loss for U.S. federal income tax purposes as a result of covenant defeasance and will be subject to U.S. federal income tax on the same amounts, in the same manner and at the same times as would have been the case if covenant defeasance had not occurred; and
- certain other conditions described in the indenture are satisfied.

If we fail to comply with our remaining obligations under the indenture and applicable supplemental indenture after a covenant defeasance of the indenture and applicable supplemental indenture, and the debt securities are declared due and payable because of the occurrence of any undefeased event of default, the amount of money and/or U.S. Government Obligations and/or Foreign Government Obligations on deposit with the trustee could be insufficient to pay amounts due under the debt securities of the affected series at the time of acceleration. We will, however, remain liable in respect of these payments. The term “U.S. Government Obligations” as used in the above discussion means securities that are direct obligations of or non-callable obligations guaranteed by the United States of America for the payment of which obligation or guarantee the full faith and credit of the United States of America is pledged. The term “Foreign Government Obligations” as used

in the above discussion means, with respect to debt securities of any series that are denominated in a currency other than U.S. dollars, (1) direct obligations of the government that issued or caused to be issued such currency for the payment of which obligations its full faith and credit is pledged or (2) obligations of a person controlled or supervised by or acting as an agent or instrumentality of such government, the timely payment of which is unconditionally guaranteed as a full faith and credit obligation by that government, which in either case under clauses (1) or (2) are not callable or redeemable at the option of the issuer.

Regarding the Trustee

We will identify the trustee with respect to any series of debt securities in the prospectus supplement relating to the applicable debt securities. You should note that if the trustee becomes a creditor of pSivida Corp., the indenture and the Trust Indenture Act of 1939 limit the rights of the trustee to obtain payment of claims in certain cases, or to realize on certain property received in respect of any such claim, as security or otherwise. The trustee and its affiliates may engage in, and will be permitted to continue to engage in, other transactions with us and our affiliates. If, however, the trustee acquires any “conflicting interest” within the meaning of the Trust Indenture Act of 1939, it must eliminate such conflict or resign.

The holders of a majority in principal amount of the then outstanding debt securities of any series may direct the time, method and place of conducting any proceeding for exercising any remedy available to the trustee. If an event of default occurs and is continuing, the trustee, in the exercise of its rights and powers, must use the degree of care and skill of a prudent person in the conduct of his or her own affairs. Subject to that provision, the trustee will be under no obligation to exercise any of its rights or powers under the indenture at the request of any of the holders of the debt securities, unless they have offered to the trustee reasonable indemnity or security.

Warrants

We may issue warrants to purchase shares of our common stock, preferred stock and/or debt securities, in one or more series, together with other securities, or separately, as described in each applicable prospectus supplement. We will issue warrants under warrant agreements to be entered into either between us and the warrant holders directly or between us and a bank or trust company, as warrant agent. Below is a description of certain general terms and provisions of the warrants that we may offer. Particular terms of the warrants will be described in the applicable warrant agreements and the applicable prospectus supplement for the warrants.

A prospectus supplement will describe the terms of warrants offered thereby, the warrant agreement relating to the warrants and the warrant certificates representing the warrants, including the following:

- the specific designation and aggregate number of, and the price at which we will issue, the warrants;
- the currency or currency units in which the offering price, if any, and the exercise price are payable;
- the designation, amount and terms of the securities purchasable upon exercise of the warrants;
- if applicable, the exercise price for shares of our common stock and the number of shares of common stock to be received upon exercise of the warrants;
- if applicable, the exercise price for shares of our preferred stock, the number of shares of preferred stock to be received upon exercise of the warrants and a description of that class or series of our preferred stock;
- if applicable, the exercise price for our debt securities, the amount of debt securities to be received upon exercise of the warrants and a description of that series of debt securities;
- the date on which the right to exercise the warrants will begin and the date on which that right will expire or, if the warrants may not be continuously exercised throughout that period, the specific date or dates on which the warrants may be exercised;

- whether the warrants will be issued in fully registered form or bearer form, in definitive or global form or in any combination of these forms, although, in any case, the form of a warrant included in a unit will correspond to the form of the unit and of any security included in that unit;
- any applicable material U.S. federal income tax consequences;
- the identity of the warrant agent for the warrants and of any other depositaries, execution or paying agents, transfer agents, registrars or other agents;
- the proposed listing, if any, of the warrants or any securities purchasable upon exercise of the warrants on any securities exchange;
- if applicable, the date from and after which the warrants and the common stock, preferred stock and/or debt securities will be separately transferable;
- if applicable, the minimum or maximum amount of the warrants that may be exercised at any one time;
- information with respect to book-entry procedures, if any;
- the anti-dilution provisions of the warrants, if any;
- any redemption or call provisions;
- whether the warrants are to be sold separately or with other securities as parts of units; and
- any additional terms of the warrants, including terms, procedures and limitations relating to the exchange and exercise of the warrants.

Unless we specify otherwise in a prospectus supplement, holders of warrants will not be entitled, by virtue of being such holders, to vote, consent, receive dividends, receive notice as shareholders with respect to any meeting of our shareholders, or to exercise any rights whatsoever as shareholders.

Each warrant will entitle the holder to purchase the principal amount or number of securities at the exercise price as shall in each case be set forth in, or be determinable as set forth in, the applicable prospectus supplement. Warrants may be exercised at any time up to the close of business on the expiration date set forth in the prospectus supplement relating to the warrants offered thereby. After the close of business on the expiration date, unexercised warrants will become void.

We will describe the procedures for exercising warrants in a prospectus supplement. Upon receipt of payment and the warrant certificate properly completed and duly executed at the corporate trust office of the warrant agent or any other office indicated in the applicable prospectus supplement, we will, as soon as practicable, forward the securities purchasable upon that exercise. If less than all of the warrants represented by a particular warrant certificate are exercised, a new warrant certificate will be issued for the remaining warrants.

Units

As specified in the applicable prospectus supplement, we may issue units consisting of any combination of the other types of securities described in this prospectus in one or more series. We may evidence each series of units by unit certificates that we will issue under a separate agreement. We may enter into unit agreements with a unit agent. Each unit agent will be a bank or trust company that we select. We will indicate the name and address of the unit agent in the applicable prospectus supplement relating to a particular series of units.

The applicable prospectus supplement will describe the terms of the units offered thereby, including the following:

- the title of the series of units;
- a description of the terms of the units and of the separate constituent securities comprising the units, including whether and under what circumstances the securities comprising the units may be traded separately;

- a description of the terms of any unit agreement governing the units;
- a description of the provisions for the payment, settlement, transfer or exchange of the units; and
- a discussion of certain U.S. federal income tax considerations applicable to the units.

LEGAL MATTERS

The validity of the issuance of the securities offered hereby will be passed upon by Ropes & Gray LLP, Boston, Massachusetts. Some partners of Ropes & Gray LLP are members in RGIP LP, which owns 14,592 shares of our common stock. The validity of the issuance of any securities will be passed upon for any underwriters or agents by counsel that we will name in the applicable prospectus supplement.

EXPERTS

The consolidated financial statements incorporated in this prospectus by reference from the Company's annual report on Form 10-K for the year ended June 30, 2015 and the effectiveness of the Company's internal control over financial reporting have been audited by Deloitte & Touche LLP, an independent registered public accounting firm, as stated in their reports, which are incorporated herein by reference. Such consolidated financial statements have been so incorporated in reliance upon the reports of such firm given upon their authority as experts in accounting and auditing.

WHERE YOU CAN FIND ADDITIONAL INFORMATION

As required by the Securities Act, we have filed with the SEC a registration statement on Form S-3, of which this prospectus is a part, with respect to the securities offered hereby. This prospectus does not contain all of the information included in the registration statement. Statements in this prospectus concerning the provisions of any document are not necessarily complete. You should refer to the copies of the documents filed as exhibits to the registration statement or otherwise filed by us with the SEC for a more complete understanding of the matter involved. Each statement concerning these documents is qualified in its entirety by such reference.

We are subject to the information reporting requirements of the Exchange Act, and we comply with those requirements by filing annual, quarterly and current reports, proxy statements and other information with the SEC. Those reports or other information may be inspected without charge at the SEC's Public Reference Room at 100 F Street, N.E., Washington, D.C. 20549. Information on the operation of the Public Reference Room can be obtained by calling the SEC at 1-800-SEC-0330. Our SEC filings and submissions also are available to the public on the SEC's website at www.sec.gov.

INCORPORATION OF CERTAIN INFORMATION BY REFERENCE

This prospectus is part of a registration statement on Form S-3 filed by us with the SEC. This prospectus does not contain all of the information set forth in the registration statement, certain parts of which are omitted in accordance with the rules and regulations of the SEC. For further information about us and the Securities offered by this prospectus, we refer you to the registration statement and its exhibits and schedules which may be obtained as described above.

The SEC allows us to "incorporate by reference" the information contained in documents that we file with it, which means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is considered to be part of this prospectus, and information in documents that we file later with the SEC will automatically update and supersede information in this prospectus. We incorporate by reference the documents listed below into this prospectus, and any future filings made by us with

the SEC under Section 13(a), 13(c), 14 or 15(d) of the Exchange Act (except for information “furnished” under Items 2.02, 7.01 and 9.01 on Form 8-K or other information “furnished” to the SEC that is not deemed filed and not incorporated in this prospectus) until this offering is completed, including all filings made after the date of the registration statement of which this prospectus forms a part and prior to its effectiveness.

- Our annual report on Form 10-K for the fiscal year ended June 30, 2015 filed with the SEC on September 10, 2015;
- Our quarterly report on Form 10-Q for the fiscal quarter ended September 30, 2015 filed with the SEC on November 6, 2015; and
- The description of our common stock contained in our current report on Form 8-K filed under Rule 12g-3 of the Exchange Act on June 19, 2008, including any amendments or reports filed for the purpose of updating such description.

This prospectus may contain information that updates, modifies or is contrary to information in one or more of the documents incorporated by reference in this prospectus. Reports we file with the SEC after the date of this prospectus may also contain information that updates, modifies or is contrary to information in this prospectus or in documents incorporated by reference in this prospectus. Investors should review these reports, as they may disclose a change in our business, prospects, financial condition or other affairs after the date of this prospectus.

Upon your written or oral request, we will provide at no cost to you a copy of any and all of the information that is incorporated by reference in this prospectus.

Requests for such documents should be directed to:

Lori Freedman, Esq.
Vice President, Corporate Affairs, General Counsel and Secretary
pSivida Corp.
480 Pleasant Street Suite B300
Watertown, MA 02472
Telephone: (617) 926-5000

You may also access the documents incorporated by reference in this prospectus, without charge, through the SEC’s website at www.sec.gov and through our website at www.psivida.com. Except for the specific incorporated documents listed above, no information available on or through our website shall be deemed to be incorporated in this prospectus or the registration statement of which it forms a part.



Up to \$20,000,000 of Shares

Common Stock

Prospectus Supplement

FBR

February 8, 2017
