

PROSPECTUS SUPPLEMENT**(To prospectus dated September 17, 2021)**

2,392,524 Shares of Common Stock
2,500 Shares of Series D Mirroring Preferred Stock
492,091 Shares of Common Stock Underlying Pre-funded Warrants

We are offering (i) 2,392,524 shares of our common stock, par value \$0.001 per share, or the Common Shares, (ii) 2,500 shares of our Series D Mirroring Preferred Stock, par value \$0.001 per share and stated value of \$0.001 per share, or the Preferred Shares, and (iii) 492,091 shares of common stock underlying pre-funded warrants to purchase shares of common stock, or the Pre-funded Warrants, to a single institutional investor pursuant to this prospectus supplement, the accompanying prospectus and a securities purchase agreement, dated November 8, 2022, by and between us and the investor signatory thereto, or the Securities Purchase Agreement. The Preferred Shares will not be convertible into shares of our common stock and will automatically terminate and cease to be outstanding following the consummation of a reverse stock split of the Company's shares of common stock or, if later, following the consummation of an increase in the authorized shares of the Company's common stock from 100 million to 300 million. Each Pre-funded Warrant will have an exercise price of \$0.001, will be immediately exercisable and may be exercised at any time until all of the Pre-funded Warrants are exercised in full. Each Common Warrant will have an exercise price of \$0.30, will become exercisable six months following the date of issuance and will expire five years after their initial exercise date.

We have engaged Maxim Group LLC, or the Placement Agent, as our exclusive placement agent in connection with this offering. The Placement Agent has agreed to use its reasonable best efforts to sell the securities offered by this prospectus supplement and the accompanying prospectus. The placement agent is not purchasing or selling any shares offered by this prospectus supplement and the accompanying base prospectus. See "Plan of Distribution" beginning on page S-17 of this prospectus supplement for more information regarding these arrangements.

In a concurrent private placement, we are also issuing to the institutional investor, for no additional consideration, warrants to purchase 2,884,615 shares of our common stock, or the Common Warrants. Each Common Warrant will have an exercise price of \$0.30, will be exercisable beginning on the six-month anniversary of the date of issuance, or the Initial Exercise Date, and will expire five and one half years from the Initial Exercise Date. The Common Warrants and the shares of our common stock issuable upon exercise of the Common Warrants are not registered under the Securities Act of 1933, as amended, or the Securities Act, are not being offered pursuant to this prospectus supplement and the accompanying prospectus, and are being offered pursuant to the exemption provided in Section 4(a)(2) under the Securities Act and Rule 506(b) promulgated thereunder.

Our common stock is traded on the Nasdaq Capital Market under the symbol "RSL.S." November 7, 2022, the closing price of our common stock was \$0.2632 per share. There is no established public trading market for the Preferred Shares, the Pre-funded Warrants and the Common Warrants being offered in this offering, and we do not expect a market to develop. In addition, we do not intend to apply for listing the Preferred Shares, the Pre-funded Warrants and the Common Warrants on any national securities exchange or other trading market. Without an active market, the liquidity of the Preferred Shares, the Pre-funded Warrants and the Common Warrants will be limited.

Investing in our securities involves a high degree of risk. See "Risk Factors" beginning on page S-6 of this prospectus supplement.

	Per Common Share	Per Preferred Share	Per Share Underlying Pre-funded Warrant	Total
Offering price	\$ 0.26	\$ 0.001	\$ 0.259	\$750,002.40
Placement agent fees ⁽¹⁾	\$ 0.0182	\$ 0.00007	\$ 0.01813	\$ 52,500.17
Proceeds, before expenses, to ReShape Lifesciences Inc.	\$ 0.2418	\$ 0.00093	\$ 0.24087	\$697,502.23

(1) We have agreed to pay the Placement Agent an aggregate cash placement fee equal to 7.0% of the gross proceeds in this offering. For additional information on the Placement Agent's compensation, see "Plan of Distribution" beginning on page S-17 of this prospectus supplement.

Neither the United States Securities and Exchange Commission, or the SEC, nor any state securities commission has approved or disapproved of the securities that may be offered under this prospectus supplement, nor have any of these regulatory authorities determined if this prospectus supplement is truthful or complete. Any representation to the contrary is a criminal offense.

Maxim Group LLC

The date of this prospectus supplement is November 8, 2022

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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. 333-259301) that we filed with the Securities and Exchange Commission, or the SEC, on September 3, 2021, and that was declared effective on September 17, 2021.

This document is in two parts. The first part is this prospectus supplement, which describes the terms of this offering and also adds to and updates information contained in the accompanying prospectus and the documents incorporated by reference into this prospectus supplement and the accompanying prospectus. The second part is the accompanying prospectus, which gives more general information about the securities we may offer from time to time under our shelf registration statement, some of which does not apply to the securities offered by this prospectus supplement. 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, on the one hand, and the information contained in the accompanying prospectus or any document incorporated by reference herein or therein, on the other hand, you should rely on the information in this prospectus supplement.

You should read this prospectus supplement, the accompanying prospectus, the documents incorporated by reference in this prospectus supplement and the accompanying prospectus and any free writing prospectus that we have authorized for use in connection with this offering before making an investment decision. You should also read and consider the information in the documents referred to in the sections of this prospectus supplement entitled “Where You Can Find More Information” and “Information Incorporated by Reference.”

We are not making an offer to sell the securities covered by this prospectus supplement in any jurisdiction where the offer or sale is not permitted.

The information appearing in this prospectus supplement, the accompanying prospectus, the documents incorporated by reference in this prospectus supplement and the accompanying prospectus and any free writing prospectus that we have authorized for use in connection with this offering is accurate only as of its respective date, regardless of the time of delivery of the respective document or of any sale of securities covered by this prospectus supplement. You should not assume that the information contained in or incorporated by reference in this prospectus supplement or the accompanying prospectus, or in any free writing prospectus that we have authorized for use in connection with this offering, is accurate as of any date other than the respective dates thereof.

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.

We have not authorized anyone to provide you with information other than the information that we have provided or incorporated by reference in this prospectus supplement and your reliance on any unauthorized information or representation is at your own risk. This prospectus supplement may be used only in jurisdictions where offers and sales of these securities are permitted. You should assume that the information appearing in this prospectus supplement is accurate only as of the date of this prospectus supplement and that any information 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, or any sale of our common stock. Our business, financial condition and results of operations may have changed since those dates.

PROSPECTUS SUPPLEMENT SUMMARY

This summary highlights information contained elsewhere in this prospectus. This summary does not contain all of the information you should consider before investing in our securities. You should read this entire prospectus carefully, especially the “Risk Factors” section beginning on page S-5 and our financial statements and the related notes incorporated by reference into this prospectus, before making an investment decision. As used in this prospectus supplement, the terms “ReShape,” “the Company,” “we,” “us,” and “ours” refer to ReShape Lifesciences Inc.

ReShape Overview

ReShape Lifesciences Inc. is a worldwide premier weight-loss solutions company, offering an integrated portfolio of proven products and services that manage and treat obesity and metabolic disease.

Our current portfolio includes the FDA-approved Lap-Band[®] system, which provides minimally invasive, long-term treatment of obesity and is a safer surgical alternative to more invasive and extreme surgical stapling procedures such as the gastric bypass or sleeve gastrectomy. Our reshapecare[™] virtual health coaching program is a novel reimbursed telehealth weight-management program that supports healthy lifestyle changes for all medically managed weight-loss patients, not just the Lap-Band, further expanding our reach and market opportunity. The ReShape Marketplace[™], an online store, that provides top of the line products with bariatric patients in mind. Our ReShape Optimize[™] supplement options, purchased through the ReShape Marketplace, include multivitamins, probiotics, calcium, vitamin D, protein, and other therapeutic offerings to optimize health. The Obalon[®] Balloon system is the first and only swallowable, gas filled, FDA-approved balloon system. The ReShape Vest[™] system is an investigational (outside the U.S.) minimally invasive, laparoscopically implanted medical device that wraps around the stomach, emulating the gastric volume reduction effect of conventional weight-loss surgery. It is designed to help enable rapid weight loss in obese and morbidly obese patients without permanently changing patient anatomy. The Diabetes Bloc-Stim Neuromodulation is a technology under development as a new treatment for type 2 diabetes mellitus. ReShape’s Diabetes Bloc-Stim Neuromodulation is expected to use bioelectronics to manage blood glucose in treatment of diabetes and individualized 24/7 glucose control. Additional products and accessories from the Company, including calibration tubes, facilitate alternative gastric surgical procedures and ongoing product support for healthcare practitioners and patients (adjustments, etc.).

Our Product Portfolio

Lap-Band System

The Lap-Band system is designed to provide minimally invasive long-term treatment of severe obesity and is an alternative to more invasive surgical stapling procedures such as the gastric bypass or sleeve gastrectomy. The Lap-Band system is an adjustable saline-filled silicone band that is laparoscopically placed around the upper part of the stomach through a small incision, creating a small pouch at the top of the stomach, which slows the passage of food and creates a sensation of fullness. The procedure can normally be performed as an outpatient procedure and patients can go home the day of the procedure without the need for an overnight hospital stay.

Reshapecare

reshapecare is a HIPAA-compliant, virtual coaching program delivered through our innovative app which enhances behavior change through engagement. reshapecare is prescribed by a patient’s physician and may be covered by insurance for up to 26 visits per reimbursement year. The program is based on four established dimensions of successful behavior: change sleep, nutrition, exercise and stress. It is designed to provide flexible structure and support from a live certified health coach in a manner that is simple and practical.

ReShape Marketplace

ReShape Marketplace is an online store developed with bariatric patients in mind in order to focus on the four dimensions of successful behavior changes. Within the ReShape Marketplace we have ReShape

Optimize, which meets all the nutrient needs to stay healthy. The ReShape Marketplace provides the highest quality products for exercising, that can have immediate and long-term health benefits, sleep which plays a vital role in good health and well-being, and stress to effectively manage stress to make your life happier, healthier and more productive.

Obalon Balloon System

The Obalon Balloon System consists of a swallowable capsule that contains an inflatable balloon attached to a microcatheter; the Obalon Navigation System console, which is a combination of hardware and software used to dynamically track and display the location of the balloon during placement; the Obalon Touch Inflation Dispenser, which is a semi-automated, hand-held inflation device used to inflate the balloon once it is placed; and a disposable canister filled with our proprietary mixture of gas. We continue to explore the compliance requirements, manufacturing viability and quality system controls necessary for reintroducing the Obalon Balloon System.

ReShape Vest

The ReShape Vest is an investigational, minimally invasive, laparoscopically implanted medical device being studied for weight loss in morbidly obese adults with a BMI of at least 35. The device wraps around the stomach, emulating the effect of conventional weight loss surgery, and is intended to enable gastric volume reduction. This device is designed to restrict the intake of food and provide the feeling of fullness without cutting or permanently removing portions of the stomach, or bypassing any portion of the gastrointestinal tract. The implantation of the device mimics a traditional weight-loss surgery, it is anatomy sparing and may not require vitamin supplementation.

Diabetes Bloc-Stim Neuromodulation Device

The ReShape Diabetes Bloc-Stim Neuromodulation is a technology under development as a new treatment for type 2 diabetes mellitus (T2DM). It combines ReShape Lifesciences' proprietary Vagus Nerve Block (vBloc) technology platform in combination with Vagus nerve stimulation. This new dual Vagus nerve neuromodulation selectively modulates vagal block and stimulation to the liver and pancreas to manage blood glucose. ReShape's Diabetes Bloc-Stim Neuromodulation is expected to use bioelectronics to manage blood glucose in treatment of diabetes and individualized 24/7 glucose control. The goal is to reduce costs of treatment and complications that arise from poorly controlled blood glucose and non-compliance to T2DM medication.

Recent Developments

Reverse Stock Split

On July 19, 2022, the Company received a written notice (the "Bid Price Notice") from the Listing Qualifications department (the "Nasdaq Staff") of The Nasdaq Stock Market ("Nasdaq") indicating that the Company is not in compliance with the \$1.00 minimum bid price requirement set forth in Nasdaq Listing Rule 5550(a)(2) for continued listing on The Nasdaq Capital Market. The Nasdaq Listing Rules require listed securities to maintain a minimum bid price of \$1.00 per share and, based upon the closing bid price for the last 30 consecutive business days, the Company no longer meets this requirement. The Bid Price Notice provides that the Company will have a compliance period of 180 calendar days in which to regain compliance. If at any time during this period the closing bid price of the Company's common stock is at least \$1.00 per share for a minimum of 10 consecutive business days, the Nasdaq Staff will provide the Company with a written confirmation of compliance and the matter will be closed.

If the Company fails to regain compliance with Rule 5550(a)(2) prior to the expiration of the 180 calendar day period, but meets the continued listing requirement for market value of publicly held shares and all of the other applicable standards for initial listing on The Nasdaq Capital Market, with the exception of the minimum bid price, and provides written notice of its intention to cure the deficiency during the second compliance period by effecting a reverse stock split, if necessary, then the Company may be granted an additional 180 calendar days to regain compliance with Rule 5550(a)(2).

Warrant Amendment Agreement

In connection with this offering, the Company also has agreed that certain existing warrants to purchase up to an aggregate of 5,348,106 shares of common stock of the Company that were previously issued to the investor, with an exercise price of \$0.6665 per share and expiration dates of June 2026 and December 2029, will be amended effective upon the closing of the registered direct offering so that the amended warrants will have a reduced exercise price of \$0.30 per share, will not be exercisable until six months following the closing of the registered direct offering and, with respect to the warrants with an expiration date of June 2026, will expire five and one-half years following the closing of the registered direct offering.

Annual Meeting of Stockholders

Promptly after the closing of this offering, the Company will call an annual meeting of its stockholders, or the Annual Meeting, to consider the approval of amendments to the Company's Restated Certificate of Incorporation, as amended (the "Charter"), to (a) effect a reverse stock split of the Company's common stock, or the Reverse Stock Split, within a ratio to be approved by the Company's stockholders, with the final ratio and the implementation and timing of such Reverse Stock Split to be determined in the discretion of our Board of Directors and (b) increase the number of authorized shares of common stock of the Company from 100 million to 300 million, or the Authorized Share Increase. The Preferred Shares purchased in this offering will be outstanding and entitled vote at the Annual Meeting, and will be entitled to 30,000 votes for each share of Preferred Stock outstanding as of the record date for the Annual Meeting. The votes of the holders of the Preferred Stock will be counted with the shares of common stock as a class on the proposed Reverse Stock Split and Authorized Share Increase.

The approval of the amendment to the Charter to effect the Reverse Stock Split and Authorized Share Increase will require the affirmative votes of a majority of the combined voting power of the outstanding shares of common stock and Preferred Shares, voting together, present in person or represented by proxy and entitled to vote on the proposal. The holders of common stock have the right to cast one (1) vote per share of common stock on each of these proposals. The holders of Preferred Stock have the right to cast 30,000 votes per share of Preferred Stock on each of these proposals, provided that, pursuant to the Securities Purchase Agreement, the holders of Preferred Stock agreed that such votes must be cast in the same proportion as the aggregate shares of common stock are voted on these proposals (excluding any shares of common stock that are not voted). Therefore, the holders of a significant portion of the common stock outstanding must vote their shares at the Annual Meeting in order for these proposals to pass.

Our Corporate Information

We were incorporated under the laws of Delaware on January 2, 2008. On June 15, 2021, we completed a merger with Obalon Therapeutics, Inc. Pursuant to the merger agreement, a wholly owned subsidiary of Obalon merged with and into ReShape, with ReShape surviving the merger as a wholly owned subsidiary of Obalon. As a result of the merger, Obalon, the parent company, was renamed "ReShape Lifesciences Inc." and ReShape was renamed ReShape Weightloss Inc. ReShape Lifesciences shares of common stock trade on the Nasdaq under the symbol RSL5.

Our principal executive offices are located at 1001 Calle Amanecer, San Clemente, California 92673, and our telephone number is (949) 429-6680. Our website address is www.reshapelifesciences.com. The information on, or that may be accessed through, our website is not incorporated by reference into this prospectus supplement and should not be considered a part of this prospectus supplement.

The Offering	
Securities offered by us	<p>2,392,524 Common Shares</p> <p>2,500 Preferred Shares</p> <p>492,091 shares of common stock underlying the Pre-funded Warrants at an exercise price of \$0.001 per share. Each Pre-Funded Warrant will be exercisable immediately upon issuance and will not expire until exercised in full.</p>
Offering price per Common Share	\$0.26 per share
Common stock to be outstanding after this offering	22,514,323 shares of common stock (assuming the issuance of all the shares underlying the Pre-funded Warrants, but not assuming the exercise of the Common Warrants).
Use of Proceeds	We intend to use the net proceeds of this offering to continue our commercialization efforts, for clinical and product development activities and for other working capital and general corporate purposes. See “Use of Proceeds” on page S-9 of this prospectus supplement for additional information.
Concurrent Private Placement	In a concurrent private placement, we are selling to the investor purchasing the Common Shares, Preferred Shares and Pre-funded Warrants in this offering, Common Warrants to purchase 2,884,615 of our shares of common stock at an exercise price of \$0.30 per share. The Common Warrants will be exercisable beginning on the six-month anniversary of the date of issuance and expire five and one-half years from their date of issuance. We will receive gross proceeds from exercise of the Common Warrants in such concurrent private placement transaction solely to the extent such Common Warrants are exercised for cash. The Common Warrants and the shares of common stock issuable upon the exercise of the Common Warrants are not being offered pursuant to this prospectus supplement and the accompanying prospectus. See “Private Placement Transaction.”
Market for the Common Stock	Our common stock is listed on the Nasdaq Capital Market under the symbol “RSLs”. There is no established public trading market for the Preferred Shares, the Pre-funded Warrants and the Common Warrants being offered in this offering, and we do not expect a market to develop. In addition, we do not intend to apply for listing the Preferred Shares, the Pre-funded Warrants and the Common Warrants on any national securities exchange or other trading market. Without an active market, the liquidity of the Preferred Shares, the Pre-funded Warrants and the Common Warrants will be limited.
Risk Factors	See “Risk Factors” beginning on page S-5 and other information included in, or incorporated by reference into, this prospectus supplement for a discussion of factors that you should consider carefully before deciding to invest this offering.
<hr/> <p>(1) In the discussion and table above, we assume no exercise of outstanding options or warrants. The above discussion and table are based on 19,629,708 shares of common stock outstanding as of June 30, 2022 and excludes:</p>	

- 1,308,331 shares of common stock issuable upon the exercise of outstanding options granted as of June 30, 2022, under our equity incentive plans at a weighted average exercise price of \$5.97 per share;
- 6,952,328 shares of common stock issuable upon the exercise of outstanding warrants issued as of June 30, 2022;
- 820,092 shares of common stock issuable upon vesting of outstanding restricted stock units granted as of June 30, 2022;
- 38 shares of our common stock issuable upon the conversion of 95,388 shares of series C convertible preferred stock outstanding as of June 30, 2022;
- 2,884,615 shares of our common stock issuable upon the exercise of the Common Warrants offered in the concurrent private placement with an exercise price of \$0.30 per share; and
- 144,230 shares of our common stock issuable upon the exercise of the Placement Agent Warrants issued as compensation to the Placement Agent for this offering at an exercise price of \$0.30 per share.

RISK FACTORS

Investing in our securities involves a high degree of risk. In addition to other information contained in this prospectus supplement and in the accompanying prospectus, before investing in our securities, you should carefully consider the risks described under the heading “Risk Factors” in our most recent Annual Report on Form 10-K and Quarterly Report on Form 10-Q and any subsequent Quarterly Reports on Form 10-Q or Current Reports on Form 8-K and in any other documents incorporated by reference into this prospectus, as updated by our future filings. These risks are not the only ones faced by us. Additional risks not known or that are deemed immaterial could also materially and adversely affect our financial condition, results of operations, our products, business and prospects. Any of these risks might cause you to lose all or a part of your investment.

Risks Relating to this Offering

We received a bid price deficiency notice from the Nasdaq Capital Market. If we are unable to cure this deficiency and meet the Nasdaq continued listing requirements, we could be delisted from the Nasdaq Capital Market, which would negatively impact the trading of our common stock.

On July 19, 2022, we received a written notice (the “Bid Price Notice”) from the Listing Qualifications department (the “Nasdaq Staff”) of The Nasdaq Stock Market (“Nasdaq”) indicating that the Company is not in compliance with the \$1.00 minimum bid price requirement set forth in Nasdaq Listing Rule 5550(a)(2) for continued listing on The Nasdaq Capital Market. The Nasdaq Listing Rules require listed securities to maintain a minimum bid price of \$1.00 per share and, based upon the closing bid price for the last 30 consecutive business days, the Company no longer meets this requirement. The Bid Price Notice provides that the Company will have a compliance period of 180 calendar days in which to regain compliance. If at any time during this period the closing bid price of the Company’s common stock is at least \$1.00 per share for a minimum of 10 consecutive business days, the Nasdaq Staff will provide the Company with a written confirmation of compliance and the matter will be closed.

If the Company fails to regain compliance with Rule 5550(a)(2) prior to the expiration of the 180 calendar day period, but meets the continued listing requirement for market value of publicly held shares and all of the other applicable standards for initial listing on The Nasdaq Capital Market, with the exception of the minimum bid price, and provides written notice of its intention to cure the deficiency during the second compliance period by effecting a reverse stock split, if necessary, then the Company may be granted an additional 180 calendar days to regain compliance with Rule 5550(a)(2).

Our board of directors authorized the submission of a proposal to effect a reverse stock split of the Company’s common stock in order to regain compliance with the minimum bid at the Company’s 2022 Annual Meeting of Stockholders. However, there can be no assurance that our stockholders will approve the proposal. Even if we are able to effect a reverse stock split, there is also no guarantee that we will be able to maintain the Nasdaq Capital Market listing of our common stock in the future.

If our common stock is delisted by Nasdaq, our common stock may be eligible for quotation on an over-the-counter quotation system or on the pink sheets. Upon any such delisting, our common stock would become subject to the regulations of the SEC relating to the market for penny stocks. A penny stock is any equity security not traded on a national securities exchange that has a market price of less than \$5.00 per share. The regulations applicable to penny stocks may severely affect the market liquidity for our common stock and could limit the ability of stockholders to sell securities in the secondary market. In such a case, an investor may find it more difficult to dispose of or obtain accurate quotations as to the market value of our common stock, and there can be no assurance that our common stock will be eligible for trading or quotation on any alternative exchanges or markets.

Delisting from Nasdaq could adversely affect our ability to raise additional financing through public or private sales of equity securities, would significantly affect the ability of investors to trade our securities and would negatively affect the value and liquidity of our common stock. Delisting could also have other negative results, including the potential loss of confidence by employees, the loss of institutional investor interest and fewer business development opportunities.

The shares of series C convertible preferred stock issued in connection with our acquisition of ReShape Medical have certain rights and preferences senior to our common stock, including a liquidation preference that is senior to our common stock.

There are currently 95,388 shares of our series C convertible preferred stock outstanding, which are convertible into 38 shares of our common stock. We originally issued the shares of our series C convertible preferred stock in connection with our acquisition of ReShape Medical. The series C convertible preferred stock has a liquidation preference of \$274.88 per share, or \$692,691.05 per underlying share of common stock, or approximately \$26.2 million in the aggregate. Holders of the series C convertible preferred stock have the right to convert their shares into shares of common stock instead of receiving the liquidation preference. In general, the series C convertible preferred stock is entitled to receive dividends (on an as-if-converted-to-common stock basis) actually paid on shares of common stock when, as and if such dividends are paid on shares of common stock. No other dividends will be paid on shares of series C convertible preferred stock. Except in connection with the election of directors, while the series C convertible preferred stock generally does not have voting rights. However, as long as any shares of series C convertible preferred stock remain outstanding, we cannot, without the affirmative vote of holders of a majority of the then-outstanding shares of series C convertible preferred stock, (a) alter or change adversely the powers, preferences or rights given to the series C convertible preferred stock (including by the designation, authorization, or issuance of any shares of preferred stock that purports to have equal rights with, or be senior in rights or preferences to, the series C convertible preferred stock), (b) alter or amend the series C convertible preferred stock certificate of designation, (c) amend our certificate of incorporation or other charter documents in any manner that adversely affects any rights of the holders of series C convertible preferred stock, (d) increase the number of authorized shares of series C convertible preferred stock or (e) enter into any agreement with respect to any of the foregoing.

If you purchase securities 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 believe that we will offer and issue additional shares of our common stock or other securities convertible into or exchangeable for our common stock in the future. 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 purchasers in this offering, and investors purchasing 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 or exchangeable for our common stock in future transactions may be higher or lower than the price per share in this offering.

In addition, we have a significant number of stock options and warrants outstanding. To the extent that outstanding stock options or warrants have been or may be exercised or other shares issued, you may experience further dilution. Further, we may choose to raise additional capital based on market conditions or strategic considerations even if we believe we have sufficient funds for our current or future operating plans.

The Preferred Shares, Pre-funded Warrants and Common Warrants are not listed for trading on any exchange, so the ability to trade the shares of Preferred Shares, Pre-funded Warrants and Common Warrants is limited.

There is no established public trading market for the Preferred Shares, Pre-funded Warrants and Common Warrants being offered in this offering, and we do not expect a market to develop. In addition, we do not intend to apply for listing the Preferred Shares, Pre-funded Warrants or Common Warrants on any national securities exchange or other trading market. Without an active market, the liquidity of the Preferred Shares, Pre-funded Warrants and Common Warrants will be limited.

Management will have broad discretion as to the use of the net proceeds from this offering, and we may not use the proceeds effectively.

Our management will have broad discretion as to the application of the net proceeds and could use them for purposes other than those contemplated at the time of this offering. Our stockholders may not agree with the manner in which our management chooses to allocate and spend the net proceeds. Moreover,

our management may use the net proceeds for corporate purposes that may not increase our results of operations or the market value of our common stock. Our failure to apply these funds effectively could have a material adverse effect on our business, delay the development and approval of our products and cause the price of our common stock to decline.

If you purchase common stock sold in this offering, you will experience immediate dilution as a result of this offering.

Because the price per share of our common stock being offered may be higher than the net tangible book value per share of our common stock, you will experience dilution to the extent of the difference between the offering price per share of common stock you pay in this offering and the net tangible book value per share of our common stock immediately after this offering. Our net tangible book value as of June 30, 2022, was approximately \$22.0 million, or \$1.12 per share of common stock. Net tangible book value per share is equal to our total tangible assets minus total liabilities, all divided by the number of shares of common stock outstanding.

Trading of our common stock is limited, making it difficult for our stockholders to sell their shares.

Trading of our common stock is currently conducted on the Nasdaq Capital Market. The liquidity of our common stock is limited, including in terms of the number of shares that can be bought and sold at a given price and reduction in security analysts' and the media's coverage of us, if any. These factors may result in different prices for our common stock than might otherwise be obtained in a more liquid market and could also result in a larger spread between the bid and asked prices for our common stock. In addition, in the absence of a large market capitalization, our common stock is less liquid than the stock of companies with broader public ownership, and, as a result, the trading prices of our common stock may be more volatile. In the absence of an active public trading market, an investor may be unable to liquidate his investment in our common stock. Trading of a relatively small volume of our common stock may have a greater impact on the trading price of our stock than would be the case if our public float were larger. We cannot predict the prices at which our common stock will trade in the future, if at all.

We have never paid dividends on our capital stock, and we do not anticipate paying dividends in the foreseeable future.

We have never paid dividends on any of our capital stock and currently intend to retain any future earnings to fund the growth of our business. We may also enter into credit agreements or other borrowing arrangements in the future that will restrict our ability to declare or pay cash dividends on our common stock. Any determination to pay dividends in the future will be at the discretion of our board of directors and will depend on our financial condition, operating results, capital requirements, general business conditions and other factors that our board of directors may deem relevant. As a result, capital appreciation, if any, of our common stock will be the sole source of gain, if any, for the foreseeable future.

Our organizational documents and Delaware law make a takeover of our company more difficult, which may prevent certain changes in control and limit the market price of our common stock.

Our certificate of incorporation and bylaws and Section 203 of the Delaware General Corporation Law contain provisions that may have the effect of deterring or delaying attempts by our stockholders to remove or replace management, engage in proxy contests and effect changes in control. These provisions include:

- the ability of our board of directors to create and issue preferred stock without stockholder approval, which could be used to implement anti-takeover devices;
- the authority for our board of directors to issue without stockholder approval up to the number of shares of common stock authorized in our certificate of incorporation, that, if issued, would dilute the ownership of our stockholders;
- the advance notice requirement for director nominations or for proposals that can be acted upon at stockholder meetings;

- a classified and staggered board of directors, which may make it more difficult for a person who acquires control of a majority of our outstanding voting stock to replace all or a majority of our directors;
- the prohibition on actions by written consent of our stockholders;
- the limitation on who may call a special meeting of stockholders;
- the prohibition on stockholders accumulating their votes for the election of directors; and
- the ability of stockholders to amend our bylaws only upon receiving a majority of the votes entitled to be cast by holders of all outstanding shares then entitled to vote generally in the election of directors, voting together as a single class.

In addition, as a Delaware corporation, we are subject to Delaware law, including Section 203 of the Delaware General Corporation Law. In general, Section 203 prohibits a Delaware corporation from engaging in any business combination with any interested stockholder for a period of three years following the date that the stockholder became an interested stockholder unless certain specific requirements are met as set forth in Section 203. These provisions, alone or together, could have the effect of deterring or delaying changes in incumbent management, proxy contests or changes in control.

These provisions also could discourage proxy contests and make it more difficult for you and other stockholders to elect directors and take other corporate actions. The existence of these provisions could limit the price that investors might be willing to pay in the future for shares of our common stock. Some provisions in our certificate of incorporation and bylaws may deter third parties from acquiring us, which may limit the market price of our common stock.

SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus supplement and the information incorporated by reference in it contain “forward-looking statements” within the meaning of the safe harbor provisions of the U.S. Private Securities Litigation Reform Act of 1995. Forward-looking statements can be identified by words such as “anticipate,” “intend,” “plan,” “goal,” “seek,” “believe,” “project,” “estimate,” “expect,” “strategy,” “future,” “likely,” “may,” “should,” “will” and similar references to future periods. Forward-looking statements are neither historical facts nor assurances of future performance. Instead, they are based only on our current beliefs, expectations and assumptions regarding the future of our business, financial condition and results of operations, future plans and strategies, projections, anticipated events and trends, the economy and other future conditions. Because forward-looking statements relate to the future, they are subject to inherent uncertainties, risks and changes in circumstances that are difficult to predict and many of which are outside of our control. Our actual results and financial condition may differ materially from those indicated in the forward-looking statements. Therefore, you should not place undue reliance on any of these forward-looking statements. Important factors that could cause our actual results and financial condition to differ materially from those indicated in the forward-looking statements include, but are not limited to, those listed below.

Without limiting the foregoing, all statements relating to our future outlook, anticipated capital expenditures, future cash flows and borrowings, and sources of funding are forward-looking statements. If one or more of these risks or uncertainties occur, or if our underlying assumptions prove to be incorrect, actual events or results may vary significantly from those implied or projected by the forward-looking statements. These and additional risks and uncertainties are described more fully our filings with the Securities and Exchange Commission. Any forward-looking statement in this prospectus supplement reflects our current views with respect to future events and is subject to these and other risks, uncertainties and assumptions relating to our operations, results of operations, industry and future growth. Except as required by law, we assume no obligation to publicly update or revise any forward-looking statements contained in this prospectus supplement, whether as a result of new information, future events or otherwise.

USE OF PROCEEDS

We estimate that the net proceeds from the sale of the securities offered under this prospectus supplement, and accompanying prospectus, after deducting placement agent's fees and estimated offering expenses payable by us will be approximately \$650,000.

We intend to use the net proceeds of this offering to continue our commercialization efforts, for clinical and product development activities and for other working capital and general corporate purposes.

This expected use of net proceeds from this offering represents our intentions based upon our current plans and business conditions, which could change in the future as our plans and business conditions evolve. Our management will have broad discretion in the application of the net proceeds from this offering and could use them for purposes other than those contemplated at the time of this offering. Our stockholders may not agree with the manner in which our management chooses to allocate and spend the net proceeds. Moreover, our management may use the net proceeds for corporate purposes that may not result in our being profitable or increase our market value.

DIVIDEND POLICY

We have never paid cash dividends on our common stock. The board of directors presently intends to retain all earnings for use in our business and does not anticipate paying cash dividends in the foreseeable future. We do not have a dividend reinvestment plan or a direct stock purchase plan.

CAPITALIZATION

The following table sets forth our unaudited actual cash and cash equivalents and our capitalization as of June 30, 2022, adjusted to give effect to the sale of the securities offered hereby and the use of proceeds, as described in the section entitled “Use of Proceeds.”

You should read this information in conjunction with “Management’s Discussion and Analysis of Financial Condition and Results of Operations” and our consolidated financial statements and related notes appearing in our [Quarterly Report on Form 10-Q for the quarterly period ended June 30, 2022](#), which is incorporated by reference into this prospectus supplement.

	As of June 30, 2022 (dollars in thousands)	
	Actual	As Adjusted
Cash and cash equivalents	\$ 11,494	\$ 12,191
Warranty liability, current	\$ 525	\$ 525
Stockholders’ equity:		
Preferred stock, \$0.001 par value; 10,000,000 shares authorized, actual and as adjusted		
Series C convertible preferred stock, \$0.001 par value, 95,388 shares issued and outstanding, actual and adjusted	\$ —	\$ —
Series D mirroring preferred stock, \$0.001 par value, no shares outstanding, actual, and 2,500 shares outstanding, as adjusted	\$ —	\$ —
Common stock, \$0.001 par value; 100,000,000 shares authorized, actual and as adjusted; 19,629,708 shares issued and outstanding, actual, and 22,514,323, as adjusted	\$ 20	\$ 23
Additional paid-in capital	\$ 626,966	\$ 627,660
Accumulated deficit	\$(594,551)	\$(594,644)
Total stockholders’ equity	\$ 32,363	\$ 32,967

In the discussion and table above, we assume no exercise of outstanding options or warrants. The above discussion and table are based on 19,629,708 shares of common stock outstanding as of June 30, 2022 and excludes:

- 1,308,331 shares of common stock issuable upon the exercise of outstanding options granted as of June 30, 2022, under our equity incentive plans at a weighted average exercise price of \$5.97 per share;
- 6,952,328 shares of common stock issuable upon the exercise of outstanding warrants issued as of June 30, 2022;
- 820,092 shares of common stock issuable upon vesting of outstanding restricted stock units granted as of June 30, 2022;
- 38 shares of our common stock issuable upon the conversion of 95,388 shares of series C convertible preferred stock outstanding as of June 30, 2022;
- 2,884,615 shares of our common stock issuable upon the exercise of the Common Warrants offered in the concurrent private placement with an exercise price of \$0.30 per share; and
- 144,230 shares of our common stock issuable upon the exercise of the Placement Agent Warrants issued as compensation to the Placement Agent for this offering at an exercise price of \$0.30 per share.

DILUTION

If you purchase shares in this offering, your ownership interest will be diluted to the extent of the difference between the public offering price per security you will pay in this offering and the as adjusted net tangible book value per share of our common stock after giving effect to this offering. Net tangible book value per share is determined by dividing the number of outstanding shares of our common stock into our net tangible book value, which consists of total tangible assets (total assets less intangible assets) less total liabilities. As of June 30, 2022, we had a historical net tangible book value of \$22.0 million, or approximately \$1.12 per share.

Purchasers participating in this offering will incur immediate, substantial dilution. After giving effect to the sale of securities in this offering at the public offering price of \$0.26 per share, and after deducting estimated offering expenses payable by us, our as adjusted net tangible book value per share of our common stock at June 30, 2022 would have been approximately \$22.7 million, or \$1.01 per share. This represents an immediate increase in our pro forma net tangible book value per share of our common stock of approximately \$0.24 per share to existing stockholders and an immediate dilution of approximately \$0.11 per share to purchasers in this offering. The following table illustrates this per share dilution on an as adjusted basis

Offering price per Common Share in this offering	\$0.26
Historical net tangible book value per share as of June 30, 2022	\$1.12
Increase per share attributable to sale of Common Shares by us in this offering	\$0.24
Net tangible book value per share, as adjusted to give effect to this offering	\$1.01
Dilution per share to investors in this offering	\$0.11

In the discussion and table above, we assume no exercise of outstanding options or warrants. The above discussion and table are based on 19,629,708 shares of common stock outstanding as of June 30, 2022 and excludes:

- 1,308,331 shares of common stock issuable upon the exercise of outstanding options granted as of June 30, 2022, under our equity incentive plans at a weighted average exercise price of \$5.97 per share;
- 6,952,328 shares of common stock issuable upon the exercise of outstanding warrants issued as of June 30, 2022;
- 820,092 shares of common stock issuable upon vesting of outstanding restricted stock units granted as of June 30, 2022;
- 38 shares of our common stock issuable upon the conversion of 95,388 shares of series C convertible preferred stock outstanding as of June 30, 2022;
- 2,884,615 shares of our common stock issuable upon the exercise of the Common Warrants offered in the concurrent private placement with an exercise price of \$0.30 per share; and
- 144,230 shares of our common stock issuable upon the exercise of the Placement Agent Warrants issued as compensation to the Placement Agent for this offering at an exercise price of \$0.30 per share.

To the extent that outstanding options or warrants are exercised, you will experience further dilution. In addition, we may choose to raise additional capital due to market conditions or strategic considerations even if we believe we have sufficient funds for our current or future operating plans. To the extent that additional capital is raised through the sale of additional equity, the issuance of these shares could result in further dilution to our stockholders.

DESCRIPTION OF SECURITIES

Series D Mirroring Preferred Stock

The Company is offering up to 2,500 shares of its Series D Mirroring Preferred Stock in this offering, with a stated value of \$0.001 per share. The following are the principal terms of the Preferred Shares:

Dividends

The holders of Preferred Shares will not be entitled to dividends.

Voting Rights

The Preferred Shares has no voting rights, except:

- the right to vote, with the holders of common stock, as a single class, with each Preferred Share entitled to 30,000 votes per share, on any proposal presented to the Company's stockholders for the purpose of obtaining approval of the Reverse Stock Split or the Authorized Share Increase, provided that, pursuant to the Securities Purchase Agreement, the holders of Preferred Shares agreed that such votes must be cast in the same proportion as the aggregate shares of common stock are voted on such proposals (excluding any shares of common stock that are not voted); and
- otherwise, as long as any shares of Preferred Shares are outstanding, the holders of the Preferred Shares will be entitled to approve, by a majority vote of the then outstanding shares of Preferred Shares if the Company seeks to (a) alter or change adversely the powers, preferences or rights given to the Preferred Shares or alter or amend the Certificate of Designation governing the Preferred Shares, (b) amend its certificate of incorporation or other charter documents in any manner that adversely affects any rights of the holders of the Preferred Shares, (c) increase the number of authorized shares of Preferred Shares, or (d) enter into any agreement with respect to any of the foregoing.

Liquidation

Upon any liquidation, dissolution or winding-up of the Company, whether voluntary or involuntary, or a Liquidation, the then holders of the Preferred Shares shall be entitled to receive out of the assets, whether capital or surplus, of the Company an amount equal to \$0.001 per Preferred Share, or the stated value of such shares, which amount shall be paid to such holders prior to any distribution or payment made to holders of shares of common stock.

No Conversion

The Preferred Shares are not convertible into common stock or other securities of the Company.

Termination

Upon the effectiveness of the Reverse Stock Split or, if later, the effectiveness of the Authorized Share Increase, the Preferred Shares will automatically terminate and cease to be outstanding shares of preferred stock of the Company.

Pre-funded Warrants

In connection with the sale of our Common Shares in this offering, the Company is also offering 492,091 shares of common stock underlying Pre-funded Warrants.

Duration and Exercise Price

Each Pre-funded Warrant offered hereby has an initial exercise price per share equal to \$0.001. The Pre-funded Warrants will be immediately exercisable and may be exercised at any time until the Pre-funded Warrants are exercised in full. The exercise price and number of shares of common stock issuable upon exercise is subject to appropriate adjustment in the event of stock dividends, stock splits, reorganizations or

similar events affecting our common stock and the exercise price. The Pre-funded Warrants will be issued separately from the accompanying Common Warrants, and may be transferred separately immediately thereafter.

Exercisability

The Pre-funded Warrants will be exercisable, at the option of each holder, in whole or in part, by delivering to us a duly executed exercise notice accompanied by payment in full for the number of shares of our common stock purchased upon such exercise (except in the case of a cashless exercise as discussed below). A holder (together with its affiliates) may not exercise any portion of the Pre-funded Warrant to the extent that the holder would own more than 4.99% of the outstanding common stock immediately after exercise, except that upon at least 61 days' prior notice from the holder to us, the holder may increase the amount of ownership of outstanding stock after exercising the holder's Pre-funded Warrants up to 9.99% of the number of shares of our common stock outstanding immediately after giving effect to the exercise, as such percentage ownership is determined in accordance with the terms of the Pre-funded Warrants. Purchasers of Pre-funded Warrants in this offering may also elect prior to the issuance of the Pre-funded Warrants to have the initial exercise limitation set at 9.99% of our outstanding common stock.

Cashless Exercise

The holders of Pre-funded Warrants may also elect to exercise such Pre-funded Warrants in a cashless exercise without making the cash payment otherwise contemplated to be made to us upon exercise of such Pre-funded Warrant, in which event, the holders would instead receive upon such exercise (either in whole or in part) the net number of shares of common stock determined according to a formula set forth in the pre-funded warrants.

Transferability

Subject to applicable laws, a Pre-funded Warrant may be transferred at the option of the holder upon surrender of the Pre-funded Warrant to us together with the appropriate instruments of transfer.

Fractional Shares

No fractional shares of common stock will be issued upon the exercise of the Pre-funded Warrants. Rather, the number of shares of common stock to be issued will, at our election, either be rounded up to the nearest whole number or we will pay a cash adjustment in respect of such final fraction in an amount equal to such fraction multiplied by the exercise price.

Trading Market

There is no trading market available for the Pre-funded Warrants on any securities exchange or nationally recognized trading system.

Right as a Stockholder

Except as otherwise provided in the Pre-funded Warrants or by virtue of such holder's ownership of shares of our common stock, the holders of the Pre-funded Warrants do not have the rights or privileges of holders of our common stock, including any voting rights, until they exercise their Pre-funded Warrants.

PRIVATE PLACEMENT TRANSACTION

In a concurrent private placement, we plan to issue and sell to same institutional investor the Common Warrants to purchase up to an aggregate of 2,884,615 shares of common stock at an exercise price equal to \$0.30 per share. The Common Warrants and the shares of common stock issuable upon the exercise of such warrants are not being registered under the Securities Act, are not being offered pursuant to this prospectus supplement and the accompanying prospectus and are being offered pursuant to the exemption provided in Section 4(a)(2) under the Securities Act and Rule 506(b) promulgated thereunder. Accordingly, investors may only sell shares of common stock issued upon exercise of the Common Warrants pursuant to an effective registration statement under the Securities Act covering the resale of those shares, an exemption under Rule 144 under the Securities Act or another applicable exemption under the Securities Act.

Common Warrants

The Company is also offering Common Warrants to purchase an aggregate of 2,884,615 shares of our common stock. Each Common Warrant issued in this offering represents the right to purchase up to one share of common stock at an initial exercise price of \$0.30 per share. Each Common Warrant may be exercised, in cash or by a cashless exercise at the election of the holder at any time following the six month anniversary of the date of issuance and from time to time thereafter through and including the fifth anniversary of the initial exercise date.

The Common Warrants will be exercisable in whole or in part by delivering to the Company a completed instruction form for exercise and complying with the requirements for exercise set forth in the Common Warrant. Payment of the exercise price may be made in cash or pursuant to a cashless exercise, in which case the holder would receive upon such exercise the net number of shares of common stock determined according to the formula set forth in the Common Warrant.

No Fractional Shares

No fractional shares or scrip representing fractional shares shall be issued upon the exercise of the Common Warrant. As to any fraction of a share which the holder would otherwise be entitled to purchase upon such exercise, the number of shares of common stock to be issued shall be rounded up to the nearest whole number.

Failure to Timely Deliver Shares

If we fail to deliver to the holder a certificate representing shares issuable upon exercise of a Common Warrant or to credit the holder's balance account with Depository Trust Company for such number of shares of common stock to which the holder is entitled upon the holder's exercise of the Common Warrant, in each case, by the delivery date set forth in the Common Warrant, and if after such date the holder is required by its broker to purchase (in an open market transaction or otherwise) or the holder's brokerage firm otherwise purchases, shares of common stock to deliver in satisfaction of a sale by the holder of the warrant shares which the holder anticipated receiving upon such exercise, or a Buy-In, then we shall (A) pay in cash to the holder the amount, if any, by which (x) the holder's total purchase price (including brokerage commissions, if any) for the shares of common stock so purchased exceeds (y) the amount obtained by multiplying (1) the number of warrant shares that we were required to deliver to the holder in connection with the exercise at issue, times (2) the price at which the sell order giving rise to such purchase obligation was executed, and (B) at the option of the holder, either reinstate the portion of the applicable warrant and equivalent number of warrant shares for which such exercise was not honored (in which case such exercise shall be deemed rescinded) or deliver to the holder the number of shares of common stock that would have been issued had we timely complied with our exercise and delivery obligations. In addition, if we fail to deliver to the holder any common stock pursuant to a validly-exercised Common Warrant, we will be required to pay liquidated damages in the amount of \$10 per trading day for each \$1,000 of the shares of common stock exercised but not delivered (and rising to \$20 per trading day beginning the third trading day after the warrant share delivery date) until such time the shares of common stock are delivered or the holder rescinds such exercise.

Exercise Limitation

In general, a holder will not have the right to exercise any portion of a Common Warrant if the holder (together with its Attribution Parties (as defined in the Common Warrant)) would beneficially own in excess of 4.99% or 9.99%, at the election of the holder, of the number of shares of our common stock outstanding immediately after giving effect to the exercise, as such percentage ownership is determined in accordance with the terms of the warrant. However, any holder may increase or decrease such percentage to any other percentage not in excess of 9.99% upon notice to us, provided that any increase in this limitation will not be effective until 61 days after such notice from the holder to us and such increase or decrease will apply only to the holder providing such notice.

Adjustment for Stock Splits

The exercise price and the number of shares of common stock purchasable upon the exercise of the Common Warrants are subject to adjustment upon the occurrence of specific events, including sales of additional shares of common stock, stock dividends, stock splits, and combinations of our common stock.

Dividends or Distributions

If we declare or make any dividend or other distribution of its assets (or rights to acquire its assets) to holders of shares of our common stock, by way of return of capital or otherwise (including, without limitation, any distribution of cash, stock or other securities, property, options, evidence of indebtedness or any other assets by way of a dividend, spin off, reclassification, corporate rearrangement, scheme of arrangement or other similar transaction) at any time after the issuance of the Common Warrants, then, in each such case, the holders of the Common Warrants shall be entitled to participate in such distribution to the same extent that the holders would have participated therein if the holders had held the number of shares of common stock acquirable upon complete exercise of the Common Warrants.

Purchase Rights

If we grant, issue or sell any shares of our common stock or securities exercisable for, exchangeable for or convertible into our common stock, or rights to purchase stock, warrants, securities or other property pro rata to the record holders of any class of shares of our common stock, referred to as Purchase Rights, then each holder of the Common Warrants will be entitled to acquire, upon the terms applicable to such Purchase Rights, the aggregate Purchase Rights which the holder could have acquired if the holder had held the number of shares of common stock acquirable upon complete exercise of the Common Warrant immediately before the record date, or, if no such record is taken, the date as of which the record holders of shares of common stock are to be determined, for the grant, issue or sale of such Purchase Rights.

Fundamental Transaction

If a Fundamental Transaction (as defined in the Common Warrants and described below) occurs, then the successor entity will succeed to, and be substituted for us, and may exercise every right and power that we may exercise and will assume all of our obligations under the Common Warrants with the same effect as if such successor entity had been named in the warrant itself. Additionally, upon consummation of a Fundamental Transaction pursuant to which holders of shares of our common stock are entitled to receive securities or other assets with respect to or in exchange for shares of our common stock, we will make appropriate provision to ensure that the holder will thereafter have the right to receive upon an exercise of the Common Warrants at any time after the consummation of the Fundamental Transaction but prior to the applicable expiration date of the Common Warrants, in lieu of shares of our common stock (or other securities, cash, assets or other property) purchasable upon the exercise of the Common Warrant prior to such Fundamental Transaction, at the option of each holder (without regard to any limitation in the Common Warrant on the exercise of the Common Warrants), the number of shares of common stock of the successor or acquiring corporation or of us, if we are the surviving corporation, and any additional consideration which the holder would have been entitled to receive upon the happening of such Fundamental Transaction had the Common Warrant been exercised immediately prior to such Fundamental Transaction.

If holders of our common stock are given a choice as to the securities, cash or property to be received in a Fundamental Transaction, then the holder shall be given the same choice as to the consideration it receives upon any exercise of the Common Warrants, following such Fundamental Transaction. These provisions apply similarly and equally to successive Fundamental Transactions and other corporate events described in the Common Warrants and will be applied without regard to any limitations on the exercise of the warrant. In the event of a Fundamental Transaction, at the request of the holder, we or the successor entity shall purchase the unexercised portion of the Common Warrants from the holder by paying to the holder, on or prior to the second trading day after such request (or, if later, on the effective date of the Fundamental Transaction), cash in an amount equal to the Black-Scholes Value (as defined below) of the remaining unexercised portion of the Common Warrants on the date of such Fundamental Transaction.

Transferability

Subject to applicable laws, the Common Warrants may be offered for sale, sold, transferred or assigned. There is currently no trading market for the Common Warrants and a trading market is not expected to develop.

Rights as a Stockholder

Except as otherwise provided in the Common Warrants or by virtue of a holder's ownership of shares of our common stock, the holders of the Common Warrants do not have the rights or privileges of holders of our common stock, including any voting rights, unless and until they exercise their warrants.

Amendments

Each Common Warrant may be amended with the written consent of the holder of such Common Warrant and us.

Listing

There is no established public trading market for the Common Warrants, and we do not expect a market to develop. In addition, we do not intend to apply for listing of the Common Warrants on any national securities exchange.

Definitions

“**Black Scholes Value**” means the value of the Common Warrants based on the Black-Scholes Option Pricing Model obtained from the “OV” function on Bloomberg determined as of the day of consummation of the applicable Fundamental Transaction for pricing purposes and reflecting (A) a risk-free interest rate corresponding to the U.S. Treasury rate for a period equal to the time between the date of the public announcement of the applicable contemplated Fundamental Transaction and the termination date of the Common Warrants, (B) an expected volatility equal to the greater of (1) the 30 day volatility, (2) the 100 day volatility or (3) the 365 day volatility, each of clauses (1)-(3) as obtained from the HVT function on Bloomberg (determined utilizing a 365 day annualization factor) as of the trading day immediately following the public announcement of the applicable contemplated Fundamental Transaction, (C) the underlying price per share used in such calculation shall be the highest VWAP during the period beginning on the trading day immediately preceding the public announcement of the applicable contemplated Fundamental Transaction (or the consummation of the applicable Fundamental Transaction, if earlier) and ending on the trading day of the Common Warrant holder's request and (D) a remaining option time equal to the time between the date of the public announcement of the applicable contemplated Fundamental Transaction and the termination date of the Common Warrants and (E) a zero cost of borrow.

“**Fundamental Transaction**” means if, at any time while the Common Warrants are outstanding, (i) the Company, directly or indirectly, in one or more related transactions effects any merger or consolidation of the Company with or into another person, (ii) the Company, directly or indirectly, effects any sale, lease, license, assignment, transfer, conveyance or other disposition of all or substantially all of its assets in one or a series of related transactions, (iii) any, direct or indirect, purchase offer, tender offer or exchange offer (whether by the Company or another person) is completed pursuant to which holders of common stock are

permitted to sell, tender or exchange their shares for other securities, cash or property and has been accepted by the holders of 50% or more of the outstanding common stock, (iv) the Company, directly or indirectly, in one or more related transactions effects any reclassification, reorganization or recapitalization of the common stock or any compulsory share exchange pursuant to which the common stock is effectively converted into or exchanged for other securities, cash or property, or (v) the Company, directly or indirectly, in one or more related transactions consummates a stock or share purchase agreement or other business combination (including, without limitation, a reorganization, recapitalization, spin-off or scheme of arrangement) with another person or group of persons whereby such other person or group acquires more than 50% of the outstanding shares of common stock (not including any shares of common stock held by the other person or other persons making or party to, or associated or affiliated with the other persons making or party to, such stock or share purchase agreement or other business combination).

PLAN OF DISTRIBUTION

We engaged Maxim Group LLC, or the placement agent, to act as our exclusive placement agent to solicit offers to purchase the shares of our Common Shares, Preferred Shares, Pre-funded Warrants and Common Warrants offered by this prospectus supplement and the accompanying prospectus. The placement agent is not purchasing or selling any such securities, nor is it required to arrange for the purchase and sale of any specific number or dollar amount of such securities, other than to use its “reasonable best efforts” to arrange for the sale of such securities by us. Therefore, we may not sell all of the Common Shares, Preferred Shares, Pre-funded Warrants and Common Warrants being offered. The terms of this offering were subject to market conditions and negotiations between us, the placement agent and prospective investors. The placement agent will have no authority to bind us by virtue of the engagement letter. We have entered into a securities purchase agreement directly with an institutional investor who has agreed to purchase the Common Shares, Preferred Shares, Pre-funded Warrants and Common Warrants in this offering. We will only sell to investors who have entered into securities purchase agreements. The placement agent may retain sub-agents and selected dealers in connection with this offering.

Delivery of the shares of Common Shares, Preferred Shares, Pre-funded Warrants and Common Warrants offered hereby is expected to occur on or about November 9, 2022, subject to satisfaction of certain customary closing conditions. We have agreed to pay the placement agent an aggregate fee equal to 7.0% of the gross proceeds received in the offering. In addition, we have agreed to reimburse the placement agent for its legal fees and expenses and other out-of-pocket expenses in an amount up to \$35,000.

We estimate the total expenses of this offering paid or payable by us, exclusive of the placement agent’s cash fee of 7.0% of the gross proceeds and expenses, will be approximately \$47,500. After deducting the fees due to the placement agent and our estimated expenses in connection with this offering, we expect the net proceeds from this offering will be approximately \$650,000.

The following table shows the per share and total cash fees we will pay to the placement agent in connection with the sale of the Common Shares, Preferred Shares, and shares of common stock underlying the Pre-funded Warrants pursuant to this prospectus supplement and the accompanying prospectus.

	Per Common Share	Per Preferred Share	Per Share Underlying Pre-funded Warrant	Total
Offering price	\$ 0.26	\$ 0.001	\$ 0.259	\$750,002.40
Placement agent fees ⁽¹⁾	\$0.0182	\$0.00007	\$0.01813	\$ 52,500.17
Proceeds, before expenses, to ReShape Lifesciences Inc.	\$0.2418	\$0.00093	\$0.24087	\$697,502.23

Placement Agent Warrants

In addition, we have agreed to issue to the Placement Agent Warrants to purchase up to 5.0% of the aggregate number of shares of common stock included to be sold in this offering, including shares of common stock issuable upon the exercise of the pre-funded warrants. The Placement Agent Warrants will have an exercise price equal to \$0.286, or 110% of the purchase price per share in this offering, and such Placement Agent Warrants will be exercisable for five years from the effective date of this offering.

Indemnification

We have agreed to indemnify the placement agent against certain liabilities, including liabilities under the Securities Act and liabilities arising from breaches of representations and warranties contained in our engagement letter with the placement agent. We have also agreed to contribute to payments the placement agent may be required to make in respect of such liabilities.

Other Relationships

From time to time, the placement agent may provide in the future various advisory, investment and commercial banking and other services to us in the ordinary course of business, for which they have received

and may continue to receive customary fees and commissions. However, except as disclosed in this prospectus supplement, we have no present arrangements with the placement agent for any further services.

Regulation M Compliance

The placement agent may be deemed to be an underwriter within the meaning of Section 2(a)(11) of the Securities Act, and any commissions received by it and any profit realized on the sale of our securities offered hereby by it while acting as principal might be deemed to be underwriting discounts or commissions under the Securities Act. The placement agent will be required to comply with the requirements of the Securities Act and the Exchange Act, including, without limitation, Rule 10b-5 and Regulation M under the Exchange Act. These rules and regulations may limit the timing of purchases and sales of our securities by the placement agent. Under these rules and regulations, the placement agent may not (i) engage in any stabilization activity in connection with our securities; and (ii) bid for or purchase any of our securities or attempt to induce any person to purchase any of our securities, other than as permitted under the Exchange Act, until they have completed their participation in the distribution.

Trading Market

Our common stock is listed on the Nasdaq Capital Market under the symbol “RSLS.” Our preferred stock is not listed for trading on any market.

LEGAL MATTERS

Fox Rothschild LLP, Minneapolis, Minnesota, will issue a legal opinion as to the validity of the securities offered by this prospectus supplement. Certain legal matters will be passed upon for the placement agent by Ellenoff Grossman & Schole LLP, New York, New York.

EXPERTS

The consolidated financial statements of ReShape Lifesciences Inc. and its subsidiaries as of December 31, 2021 and 2020, and for the years then ended, have been incorporated by reference herein in reliance upon the report, also incorporated by reference herein, of BDO USA, LLP, an independent registered public accounting firm, and upon the authority of said firm as experts in accounting and auditing.

WHERE YOU CAN FIND MORE INFORMATION

We file annual, quarterly and current reports, proxy statements and other information with the SEC. Our SEC filings are available to the public through the Internet at the SEC's web site at www.sec.gov. You may also read and copy any document we file with the SEC 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 about its public reference facilities and their copy charges.

We have filed with the SEC a registration statement on Form S-3 under the Securities Act with respect to the securities offered by this prospectus supplement. When used in this prospectus supplement, the term "registration statement" includes amendments to the registration statement as well as the exhibits, schedules, financial statements and notes filed as part of the registration statement. This prospectus supplement, which constitutes a part of the registration statement, does not contain all of the information in the registration statement. This prospectus supplement omits information contained in the registration statement as permitted by the rules and regulations of the SEC. For further information with respect to us and the securities offered by this prospectus supplement, reference is made to the registration statement. Statements herein concerning the contents of any contract or other document are not necessarily complete and in each instance reference is made to the copy of such contract or other document filed with the SEC as an exhibit to the registration statement, each such statement being qualified by and subject to such reference in all respects.

INCORPORATION OF DOCUMENTS BY REFERENCE

The SEC allows us to incorporate by reference the information we file with them. This allows us to disclose important information to you by referencing those filed documents. We have previously filed the following documents with the SEC and are incorporating them by reference into this prospectus supplement:

- [Our Annual Report on Form 10-K for the fiscal year ended December 31, 2021, filed with the SEC on April 8, 2022;](#)
- Our [Quarterly Report on Form 10-Q for the period ended March 31, 2022, filed with the SEC on May 23, 2022](#) and our [Quarterly Report on Form 10-Q for the period ended June 30, 2022 filed with the SEC on August 19, 2022;](#)
- Our Current Reports on Form 8-K filed with the SEC on [April 14, 2022](#), [June 23, 2022](#), [July 21, 2022](#), [July 25, 2022](#) and [August 2, 2022](#) (other than the portions of such documents not deemed to be filed); and
- The description of our common stock contained in any registration statement on Form 8-A that we have filed, and any amendment or report filed with the SEC for the purpose of updating the description.

We also are incorporating by reference any future information filed (rather than furnished) by us with the SEC under Section 13(a), 13(c), 14 or 15(d) of the Securities Exchange Act of 1934, as amended, after the date of this prospectus supplement and until the termination or completion of the offering. The most recent information that we file with the SEC automatically updates and supersedes more dated information.

You can obtain a copy of any documents which are incorporated by reference in this prospectus supplement, except for exhibits which are specifically incorporated by reference into those documents, at no cost, by writing or telephoning us at:

ReShape Lifesciences Inc.
1001 Calle Amanecer
San Clemente, California 92673
(949) 429-6680

PROSPECTUS



\$150,000,000

**Common Stock
Preferred Stock
Depositary Shares
Warrants
Units**

We may from time to time offer to sell any combination of common stock, preferred stock, depositary shares, warrants and units described in this prospectus in one or more offerings. The aggregate initial offering price of all securities sold under this prospectus will not exceed \$150,000,000.

This prospectus provides a general description of the securities that we may offer. Each time we sell securities, we will provide the specific terms of the securities offered in a supplement to this prospectus. The prospectus supplement may also add, update or change information contained in this prospectus. You should read this prospectus and the applicable prospectus supplement carefully before you invest in any securities. This prospectus may not be used to consummate a sale of securities unless accompanied by the applicable prospectus supplement.

We may from time to time offer and sell our securities in one offering or in separate offerings, to or through underwriters, dealers and agents or directly to purchasers. If any agents or underwriters are involved in the sale of any of these securities, the applicable prospectus supplement will provide the names of the agents or underwriters and any applicable fees, commissions or discounts. See the sections of this prospectus entitled "About this Prospectus" and "Plan of Distribution" for more information.

Our common stock is traded on The Nasdaq Capital Market under the symbol "RSL.S." On September 1, 2021, the closing price of our common stock as reported on The Nasdaq Capital Market was \$3.34 per share.

Investing in our securities involves risks. You should consider carefully the risks and uncertainties set forth in the section entitled "Risk Factors" beginning on page 3 of this prospectus and in the documents we file with the Securities and Exchange Commission that are incorporated by reference in this prospectus before making a decision to purchase our securities.

NEITHER THE SECURITIES AND EXCHANGE COMMISSION NOR ANY STATE SECURITIES COMMISSION HAS APPROVED OR DISAPPROVED OF THESE SECURITIES OR DETERMINED IF THIS PROSPECTUS IS TRUTHFUL OR COMPLETE. ANY REPRESENTATION TO THE CONTRARY IS A CRIMINAL OFFENSE.

The date of this prospectus is September 17, 2021.

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ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement that we filed with the Securities and Exchange Commission (SEC) utilizing a “shelf” registration process. Under this shelf registration process, we may offer and sell any combination of the securities described in this prospectus in one or more offerings up to a total dollar amount of \$150,000,000.

This prospectus provides you with a general description of the respective securities that we may offer. Each time we sell securities under this shelf registration, 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, the statements made in this prospectus will be deemed modified or superseded by those made in the prospectus supplement. You should read both this prospectus and any prospectus supplement, including all documents incorporated herein or therein by reference, together with additional information described under “Where You Can Find More Information” and “Incorporation of Documents by Reference.”

We have not authorized any dealer, salesman or other person to give any information or to make any representation other than those contained or incorporated by reference in this prospectus and the accompanying prospectus supplement. You must not rely upon any information or representation not contained or incorporated by reference in this prospectus or the accompanying prospectus supplement. This prospectus and the accompanying prospectus supplement do not constitute an offer to sell or the solicitation of an offer to buy any securities other than the registered securities to which they relate, nor do this prospectus and the accompanying prospectus supplement constitute an offer to sell or the solicitation of an offer to buy securities in any jurisdiction to any person to whom it is unlawful to make such offer or solicitation in such jurisdiction. You should not assume that the information contained in this prospectus and the accompanying prospectus supplement is accurate on any date subsequent to the date set forth on the front of the document or that any information we have incorporated by reference is correct on any date subsequent to the date of the document incorporated by reference, even though this prospectus and any accompanying prospectus supplement is delivered or securities are sold on a later date.

Unless the context otherwise requires, the terms “we,” “us,” “our,” “ReShape Lifesciences,” and “the Company” refer to ReShape Lifesciences Inc., a Delaware corporation, and our subsidiaries.

All references in this prospectus to “\$,” “U.S. Dollars” and “dollars” are to United States dollars.

RESHAPE LIFESCIENCES INC.

ReShape Lifesciences Inc. is a premier global weight-loss solutions company, offering an integrated portfolio of proven products and services that manage and treat obesity and associated metabolic disease.

Our current portfolio includes the FDA-approved LAP-BAND® system, which provides minimally invasive, long-term treatment of obesity and is an alternative to more invasive and extreme surgical stapling procedures such as the gastric bypass or sleeve gastrectomy. The recently launched ReShapeCare™ virtual health coaching program is a novel reimbursed telehealth weight-management program that supports healthy lifestyle changes for all medically managed weight-loss patients, not just the LAP-BAND, further expanding our reach and market opportunity. The ReShape Vest™ system is an investigational (outside the U.S.) minimally invasive, laparoscopically implanted medical device that wraps around the stomach, emulating the gastric volume reduction effect of conventional weight-loss surgery. It helps enable rapid weight loss in obese and morbidly obese patients without permanently changing patient anatomy. The Diabetes Bloc-Stim Neuromodulation is a technology under development as a new treatment for type 2 diabetes mellitus. ReShape's Diabetes Bloc-Stim Neuromodulation is expected to use bioelectronics to manage blood glucose in treatment of diabetes and individualized 24/7 glucose control. Additional products and accessories from the Company facilitate alternative gastric surgical procedures and ongoing product support for healthcare practitioners and patients (adjustments, etc.).

We were incorporated in Delaware in February 2008 as Obalon Therapeutics, Inc. ("Obalon"). On June 15, 2021, pursuant to an Agreement and Plan of Merger, dated as of January 19, 2021 (the "Merger Agreement"), a wholly owned subsidiary of Obalon ("Merger Sub") merged with and into ReShape Lifesciences Inc. ("ReShape"), with ReShape surviving the merger as a wholly owned subsidiary of Obalon (the "Merger"). As a result of the Merger, Obalon was renamed "ReShape Lifesciences Inc." and ReShape was renamed ReShape Weightloss Inc., in each case effective before the open of trading on June 16, 2021.

As of September 1, 2021, we had 40 employees, all of which are located in the United States. Our principal executive offices are located at 1001 Calle Amanecer, San Clemente, California 92673, and our telephone number is (949) 429-6680. Our website address is www.reshapelifesciences.com. The information on, or that can be accessed through, our website is not part of this prospectus.

RISK FACTORS

Investment in any securities offered pursuant to this prospectus and the applicable prospectus supplement involves risks. You should carefully consider the risk factors incorporated by reference to our most recent Annual Report on Form 10-K and any subsequent Quarterly Reports on Form 10-Q or Current Reports on Form 8-K we file after the date of this prospectus, and all other information contained or incorporated by reference into this prospectus, as updated by our subsequent filings under the Securities Exchange Act of 1934, as amended, and the risk factors and other information contained in the applicable prospectus supplement before acquiring any of such securities. The occurrence of any of these risks might cause you to lose all or part of your investment in the offered securities.

SELECTED FINANCIAL INFORMATION

On June 15, 2021, the Company completed the previously announced merger with Obalon, which was treated as a reverse acquisition for accounting purposes. In connection with the merger, each of the former stockholders of ReShape Lifesciences Inc. received 0.5637 shares of the combined company for each ReShape share they owned.

The following net loss per share, basic and diluted, has been derived from the audited financial statements of the Company contained in its Annual Report on Form 10-K for the year ended December 31, 2020, and its unaudited interim financial statements of the Company contained in its Quarterly Reports on Form 10-Q for the quarters ended March 31, 2021 and June 30, 2021, except that the net loss per share, basic and diluted have been revised to reflect the new shares issued based on the ratio above of our issued and outstanding shares of common stock effective June 15, 2021, as shown below.

The historical financial information set forth below may not be indicative of our future performance and should be read together with “Management’s Discussion and Analysis of Financial Condition and Results of Operations” and our historical financial statements and notes to those statements included in our Annual Report on Form 10-K for the year ended December 31, 2020, our Quarterly Reports on Form 10-Q for the quarters ended March 31, 2021 and June 30, 2021, and any future filings or other reports we may file with the SEC.

AS REPORTED (QUARTERLY FINANCIAL DATA UNAUDITED)

(in thousands, except per share amounts)	Years Ended December 31,	
	2020	2019
Net loss	\$ (21,630)	\$ (74,207)
Net loss per share – basic and diluted:		
Net loss per share – basic and diluted	\$ (3.12)	\$ (42.93)
Shares used to compute basic and diluted net loss per share	6,927,021	1,728,722
	Three Months Ended March 31,	
	2021	2020
Net loss	\$ (4,874)	\$ (4,311)
Net loss per share – basic and diluted:		
Net loss per share – basic and diluted	\$ (0.70)	\$ (0.63)
Shares used to compute basic and diluted net loss per share	6,968,221	6,859,240
	Three Months Ended June 30, 2020	Six Months Ended June 30, 2020
Net loss	\$ (3,604)	\$ (7,915)
Net loss per share – basic and diluted:		
Net loss per share – basic and diluted	\$ (0.52)	\$ (1.15)
Shares used to compute basic and diluted net loss per share	6,911,497	6,885,368

AS ADJUSTED FOR THE 0.5637 PARTIAL SHARE PER SHARE (UNAUDITED)

(in thousands, except per share amounts)	Years Ended December 31,	
	2020	2019
Net loss	\$ (21,630)	\$ (74,207)
Net loss per share – basic and diluted:		
Net loss per share – basic and diluted	\$ (5.54)	\$ (76.15)
Shares used to compute basic and diluted net loss per share	3,904,762	974,481
	Three Months Ended March 31,	
	2021	2020
Net loss	\$ (4,874)	\$ (4,311)
Net loss per share – basic and diluted:		
Net loss per share – basic and diluted	\$ (1.24)	\$ (1.11)
Shares used to compute basic and diluted net loss per share	3,927,987	3,866,554
	Three Months Ended June 30, 2020	Six Months Ended June 30, 2020
Net loss	\$ (3,604)	\$ (7,915)
Net loss per share – basic and diluted:		
Net loss per share – basic and diluted	\$ (0.93)	\$ (2.04)
Shares used to compute basic and diluted net loss per share	3,896,011	3,881,282

CAUTIONARY STATEMENT REGARDING FORWARD-LOOKING STATEMENTS

This prospectus and the documents incorporated by reference may contain forward-looking statements with respect to the financial condition, results of operations, plans, objectives, future performance and business of ReShape Lifesciences. Statements preceded by, followed by or that include words such as “may,” “will,” “expect,” “anticipate,” “continue,” “estimate,” “project,” “believes” or similar expressions are intended to identify some of the forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995 and are included, along with this statement, for purposes of complying with the safe harbor provisions of that Act. These forward-looking statements involve risks and uncertainties. Actual results may differ materially from those contemplated by the forward-looking statements due to, among others, the risks and uncertainties described in this prospectus, including under “Risk Factors,” and the documents incorporated by reference in this prospectus. Any forward-looking statement contained in this prospectus and the documents incorporated by reference speaks only as of the date on which the statement is made, and ReShape Lifesciences undertakes no obligation to update any forward-looking statement or statements to reflect events or circumstances that occur after the date on which the statement is made or to reflect the occurrence of unanticipated events. New factors emerge from time to time, and it is not possible for ReShape Lifesciences to predict all of the factors, nor can ReShape Lifesciences assess the effect of each factor on its business or the extent to which any factor, or combination of factors, may cause actual results to differ materially from those contained in any forward-looking statement.

USE OF PROCEEDS

We intend to use the net proceeds from the sale of the securities as set forth in the applicable prospectus supplement.

DESCRIPTION OF CAPITAL STOCK

The following is a summary of the rights of our common and preferred stock and some of the provisions of our restated certificate of incorporation, as amended, and restated bylaws, and of the Delaware General Corporation Law, or DGCL. Our authorized capital stock consists of 100,000,000 shares of common stock, \$0.001 par value per share, and 10,000,000 shares of undesignated preferred stock, \$0.001 par value per share.

As of August 20, 2021, there were 15,842,185 shares of our common stock outstanding, held by approximately 32 stockholders of record, and 95,388 shares of our series C convertible preferred stock outstanding.

Common Stock

Voting rights

Holders of our common stock are entitled to one vote for each share held on all matters submitted to a vote of stockholders. We do not provide for cumulative voting for the election of directors in our restated certificate of incorporation. Accordingly, holders of a majority of the shares of our common stock are able to elect all of our directors. Our restated certificate of incorporation establishes a classified board of directors, to be divided into three classes with staggered three-year terms. Only one class of directors will be elected at each annual meeting of our stockholders, with the other classes continuing for the remainder of their respective three-year terms. Subject to the supermajority votes for some matters, other matters shall be decided by the affirmative vote of our stockholders having a majority in voting power of the votes cast by the stockholders present or represented and voting on such matter. Our restated certificate of incorporation and restated bylaws provide that our directors may be removed only for cause and only by the affirmative vote of the holders of at least two-thirds in voting power of the outstanding shares of capital stock entitled to vote thereon. In addition, the affirmative vote of the holders of at least two-thirds in voting power of the outstanding shares of capital stock entitled to vote thereon is required to amend or repeal, or to adopt any provision inconsistent with, several of the provisions of our restated certificate of incorporation.

Dividend rights

Subject to preferences that may apply to any shares of preferred stock outstanding at the time, the holders of our common stock are entitled to receive dividends out of funds legally available if our board of directors, in its discretion, determines to issue dividends and then only at the times and in the amounts that our board of directors may determine.

No preemptive or similar rights

Our common stock is not entitled to preemptive or subscription rights, and is not subject to conversion, redemption or sinking fund provisions. The rights, preferences and privileges of the holders of our common stock are subject to, and may be adversely affected by, the rights of the holders of shares of any series of our preferred stock that we may designate and issue in the future.

Right to receive liquidation distributions

Upon our liquidation, dissolution or winding-up, the assets legally available for distribution to our stockholders would be distributable ratably among the holders of our common stock and any participating preferred stock outstanding at that time, subject to prior satisfaction of all outstanding debt and liabilities and the preferential rights of and the payment of liquidation preferences, if any, on any outstanding shares of preferred stock.

Preferred Stock

Pursuant to our restated certificate of incorporation, our board of directors is authorized, subject to limitations prescribed by Delaware law, to issue from time to time up to 10,000,000 shares of preferred stock in one or more series, to establish from time to time the number of shares to be included in each series

and to fix the designation, powers, preferences and rights of the shares of each series and any of their qualifications, limitations or restrictions, in each case without further vote or action by our stockholders. Our board of directors is able to increase or decrease the number of shares of any series of preferred stock, but not below the number of shares of that series then outstanding, without any further vote or action by our stockholders. Our board of directors may be able to authorize the issuance of preferred stock with voting or conversion rights that could adversely affect the voting power or other rights of the holders of our common stock. The issuance of preferred stock, while providing flexibility in connection with possible acquisitions and other corporate purposes, could, among other things, have the effect of delaying, deferring or preventing a change in control of our company and might adversely affect the market price of our common stock and the voting and other rights of the holders of our common stock.

Series C Convertible Preferred Stock

The material terms and provisions of the shares of series C convertible preferred stock (“Series C Preferred Stock”) are summarized below. This summary of some provisions of the Series C Preferred Stock is not complete. For the complete terms of the Series C Preferred Stock, you should refer to the Certificate of Designation (the “Series C Certificate of Designation”) filed as an exhibit to this prospectus and incorporated herein by reference.

Conversion. Each outstanding share of Series C Preferred Stock is convertible, at the option of the holders, into 0.00039 shares of common stock, subject to adjustment for stock splits, stock dividends, distributions, subdivisions and combinations. In addition, if the volume weighted average price of the common stock exceeds \$5.00 per share for at least 20 trading days, then all outstanding shares of Series C Preferred Stock will automatically convert into shares of common stock.

Dividends. The Series C Preferred Stock is entitled to receive dividends (on an as-if-converted-to-common stock basis) actually paid on shares of common stock when, as and if such dividends are paid on shares of common stock. No other dividends will be paid on shares of Series C Preferred Stock.

Voting Rights. In general, the Series C Preferred Stock does not have voting rights. However, as long as any shares of Series C Preferred Stock remain outstanding, the Series C Certificate of Designation provides that we cannot, without the affirmative vote of holders of a majority of the then-outstanding shares of Series C Preferred Stock, (a) alter or change adversely the powers, preferences or rights given to the Series C Preferred Stock (including by the designation, authorization, or issuance of any shares of preferred stock that purports to have equal rights with, or be senior in rights or preferences to, the Series C Preferred Stock), (b) alter or amend the Series C Certificate of Designation, (c) amend our certificate of incorporation or other charter documents in any manner that adversely affects any rights of the holders of Series C Preferred Stock, (d) increase the number of authorized shares of Series C Preferred Stock, (e) except for stock dividends or distributions for which adjustments are to be made pursuant to the Series C Certificate of Designation, pay dividends on any shares of capital stock of the company, or (f) enter into any agreement with respect to any of the foregoing. Holders of Series C Preferred Stock are entitled to vote for the election of directors of the Company, voting on an as-converted to common stock basis and voting together as a single class with the holders of shares of common stock.

Liquidation. In the event of a liquidation, the holders of shares of Series C Preferred Stock are entitled to be paid, after and subject to the payment in full of all amounts required to be distributed to the holders of any other shares of the company outstanding as of the date of our acquisition of ReShape Medical ranking on liquidation prior and in preference to the Series C Preferred Stock, but before any payments to be made to the holders of common stock or any other series of preferred stock, an amount per share equal to the greater of (i) \$274.8774, plus any dividends declared but unpaid thereon, or (ii) such amount per share as would have been payable had all shares of Series C Preferred Stock been converted to common stock immediately prior to such liquidation. In addition, in the event we consummate a merger or consolidation with or into another person or other reorganization event in which our common shares are converted or exchanged for securities, cash or other property, or we sell, lease, license, assign, transfer, convey or otherwise dispose of all or substantially all of our assets or we or another person acquire 50% or more of our outstanding shares of common stock, then following such event, the holders of the Series C Preferred Stock will be entitled to receive upon conversion of the Series C Preferred Stock the same kind and amount of securities, cash or property which the holders would have received had they converted the Series C Preferred

Stock immediately prior to such fundamental transaction. Any successor to us or surviving entity must assume the obligations under the Series C Certificate of Designation with respect to the Series C Preferred Stock.

Stock Options

As of August 20, 2021, we had outstanding options to purchase an aggregate of 1,046,724 shares of our common stock, with a weighted-average exercise price of approximately \$15.04 per share.

Restricted Stock Units

As of August 20, 2021, we had 3,610,572 restricted stock units outstanding.

Warrants

As of August 20, 2021, we had outstanding warrants to purchase an aggregate of 6,581,997 shares of our common stock at a weighted average-exercise price of approximately \$175.70 per share.

Anti-Takeover Provisions

The provisions of Delaware law, our restated certificate of incorporation and our restated bylaws could have the effect of delaying, deferring or discouraging another person from acquiring control of our company. These provisions, which are summarized below, may have the effect of discouraging takeover bids. They are also designed, in part, to encourage persons seeking to acquire control of us to negotiate first with our board of directors. We believe that the benefits of increased protection of our potential ability to negotiate with an unfriendly or unsolicited acquirer outweigh the disadvantages of discouraging a proposal to acquire us because negotiation of these proposals could result in an improvement of their terms.

Delaware law

We are subject to the provisions of Section 203 of the DGCL, or Section 203, regulating corporate takeovers. In general, Section 203 prohibits a publicly held Delaware corporation from engaging in a “business combination” with an “interested stockholder” for a period of three years following the date on which the person became an interested stockholder unless:

- prior to the date of the transaction, the board of directors of the corporation approved either the business combination or the transaction which resulted in the stockholder becoming an interested stockholder;
- upon consummation of the transaction that resulted in the stockholder becoming an interested stockholder, the interested stockholder owned at least 85% of the voting stock of the corporation outstanding at the time the transaction commenced, excluding for purposes of determining the voting stock outstanding, but not the outstanding voting stock owned by the interested stockholder, (i) shares owned by persons who are directors and also officers and (ii) shares owned by employee stock plans in which employee participants do not have the right to determine confidentially whether shares held subject to the plan will be tendered in a tender or exchange offer; or
- at or subsequent to the date of the transaction, the business combination is approved by the board of directors of the corporation and authorized at an annual or special meeting of stockholders, and not by written consent, by the affirmative vote of at least 66.67% of the outstanding voting stock that is not owned by the interested stockholder.

Generally, a business combination includes a merger, asset or stock sale, or other transaction or series of transactions together resulting in a financial benefit to the interested stockholder. An interested stockholder is a person who, together with affiliates and associates, owns or, within three years prior to the determination of interested stockholder status, did own 15% or more of a corporation’s outstanding voting stock. We expect the existence of this provision to have an anti-takeover effect with respect to transactions our board of directors does not approve in advance. We also anticipate that Section 203 may also discourage attempts that might result in a premium over the market price for the shares of common stock held by stockholders.

Restated certificate of incorporation and restated bylaws provisions

Our restated certificate of incorporation and our restated bylaws include a number of provisions that could deter hostile takeovers or delay or prevent changes in control of our company, including the following:

- *Board of Directors Vacancies.* Our restated certificate of incorporation and restated bylaws authorize only our board of directors to fill vacant directorships, including newly created seats. In addition, the number of directors constituting our board of directors will be permitted to be set only by a resolution adopted by a majority vote of our entire board of directors. These provisions would prevent a stockholder from increasing the size of our board of directors and then gaining control of our board of directors by filling the resulting vacancies with its own nominees. This makes it more difficult to change the composition of our board of directors but promotes continuity of management.
- *Classified Board.* Our restated certificate of incorporation and restated bylaws provide that our board of directors be classified into three classes of directors, each with staggered three-year terms. A third party may be discouraged from making a tender offer or otherwise attempting to obtain control of us as it is more difficult and time consuming for stockholders to replace a majority of the directors on a classified board of directors.
- *Stockholder Action; Special Meetings of Stockholders.* Our restated certificate of incorporation provides that our stockholders may not take action by written consent, but may only take action at annual or special meetings of our stockholders. As a result, a holder controlling a majority of our capital stock would not be able to amend our restated bylaws or remove directors without holding a meeting of our stockholders called in accordance with our restated bylaws. Further, our restated bylaws and restated certificate of incorporation provide that special meetings of our stockholders may be called only by a majority of our board of directors, the chairman of our board of directors, our Chief Executive Officer or our President, thus prohibiting a stockholder from calling a special meeting. These provisions might delay the ability of our stockholders to force consideration of a proposal or for stockholders controlling a majority of our capital stock to take any action, including the removal of directors.
- *Advance Notice Requirements for Stockholder Proposals and Director Nominations.* Our restated bylaws provide advance notice procedures for stockholders seeking to bring business before our annual meeting of stockholders or to nominate candidates for election as directors at our annual meeting of stockholders. Our restated bylaws also specify certain requirements regarding the form and content of a stockholder's notice. These provisions might preclude our stockholders from bringing matters before our annual meeting of stockholders or from making nominations for directors at our annual meeting of stockholders if the proper procedures are not followed. We expect that these provisions might also discourage or deter a potential acquirer from conducting a solicitation of proxies to elect the acquirer's own slate of directors or otherwise attempting to obtain control of our company.
- *No Cumulative Voting.* The DGCL provides that stockholders are not entitled to the right to cumulate votes in the election of directors unless a corporation's certificate of incorporation provides otherwise. Our restated certificate of incorporation does not provide for cumulative voting.
- *Directors Removed Only for Cause.* Our restated certificate of incorporation provides that stockholders may remove directors only for cause and only by the affirmative vote of the holders of at least two-thirds of our outstanding common stock.
- *Amendment of Charter Provisions.* Any amendment of the above expected provisions in our restated certificate of incorporation would require approval by holders of at least two-thirds of our outstanding common stock, unless such amendment is approved by at least two-thirds of our directors, in which case the amendment may be approved by the holders of a majority of our outstanding common stock.
- *Issuance of Undesignated Preferred Stock.* Our board of directors has the authority, without further action by the stockholders, to issue up to 10,000,000 shares of undesignated preferred stock with rights and preferences, including voting rights, designated from time to time by our board of directors. The existence of authorized but unissued shares of preferred stock would enable our

board of directors to render more difficult or to discourage an attempt to obtain control of us by means of a merger, tender offer, proxy contest or other means.

- *Choice of Forum.* Our restated certificate of incorporation provides that the Court of Chancery of the State of Delaware will be the exclusive forum for: any derivative action or proceeding brought on our behalf; any action asserting a breach of fiduciary duty; any action asserting a claim against us arising pursuant to the DGCL, our restated certificate of incorporation or our restated bylaws; any action to interpret, apply, enforce or determine the validity of our restated certificate of incorporation or our restated bylaws; or any action asserting a claim against us that is governed by the internal affairs doctrine. The enforceability of similar choice of forum provisions in other companies' certificates of incorporation has been challenged in legal proceedings, and it is possible that a court could find these types of provisions to be inapplicable or unenforceable.

Exchange Listing

Our common stock is listed on The Nasdaq Capital Market under the symbol "RSL.S."

Transfer Agent and Registrar

The transfer agent and registrar for our common stock is American Stock Transfer & Trust Company, LLC. The transfer agent's address is 6201 15th Avenue, Brooklyn, New York 11219, and its telephone number is (800) 937-5449.

DESCRIPTION OF DEPOSITARY SHARES

We may, at our option, elect to offer depositary shares rather than full shares of preferred stock. Each depositary share will represent ownership of and entitlement to all rights and preferences of a fraction of a share of preferred stock of a specified series (including dividend, voting, redemption and liquidation rights). The applicable fraction will be specified in a prospectus supplement. The shares of preferred stock represented by the depositary shares will be deposited with a depositary named in the applicable prospectus supplement, under a deposit agreement among us, the depositary and the holders of the certificates evidencing depositary shares, or depositary receipts. Depositary receipts will be delivered to those persons purchasing depositary shares in the offering. The depositary will be the transfer agent, registrar and dividend disbursing agent for the depositary shares. Holders of depositary receipts agree to be bound by the deposit agreement, which requires holders to take certain actions such as filing proof of residence and paying certain charges.

The summary of the terms of the depositary shares contained in this prospectus does not purport to be complete and is subject to, and qualified in its entirety by, the provisions of the deposit agreement and our amended and restated certificate of incorporation and the certificate of designation that are, or will be, filed with the SEC for the applicable series of preferred stock.

Dividends

The depositary will distribute all cash dividends or other cash distributions received in respect of the series of preferred stock represented by the depositary shares to the record holders of depositary receipts in proportion to the number of depositary shares owned by such holders on the relevant record date, which will be the same date as the record date fixed by us for the applicable series of preferred stock. The depositary, however, will distribute only such amount as can be distributed without attributing to any depositary share a fraction of one cent, and any balance not so distributed will be added to and treated as part of the next sum received by the depositary for distribution to record holders of depositary receipts then outstanding.

In the event of a distribution other than in cash, the depositary will distribute property received by it to the record holders of depositary receipts entitled thereto, in proportion, as nearly as may be practicable, to the number of depositary shares owned by such holders on the relevant record date, unless the depositary determines (after consultation with us) that it is not feasible to make such distribution, in which case the depositary may (with our approval) adopt any other method for such distribution as it deems equitable and appropriate, including the sale of such property (at such place or places and upon such terms as it may deem equitable and appropriate) and distribution of the net proceeds from such sale to such holders.

Liquidation Preference

In the event of the liquidation, dissolution or winding up of the affairs of ReShape Lifesciences, whether voluntary or involuntary, the holders of each depositary share will be entitled to the fraction of the liquidation preference accorded each share of the applicable series of preferred stock as set forth in the applicable prospectus supplement.

Redemption

If the series of preferred stock represented by the applicable series of depositary shares is redeemable, such depositary shares will be redeemed from the proceeds received by the depositary resulting from the redemption, in whole or in part, of the preferred stock held by the depositary. Whenever we redeem any preferred stock held by the depositary, the depositary will redeem as of the same redemption date the number of depositary shares representing the shares of preferred stock so redeemed. The depositary will mail the notice of redemption promptly upon receipt of such notice from us and not less than 30 nor more than 60 days prior to the date fixed for redemption of the preferred stock and the depositary shares to the record holders of the depositary receipts.

Voting

Promptly upon receipt of notice of any meeting at which the holders of the series of preferred stock represented by the applicable series of depositary shares are entitled to vote, the depositary will mail the information contained in such notice of meeting to the record holders of the depositary receipts as of the record date for such meeting. Each such record holder of depositary receipts will be entitled to instruct the depositary as to the exercise of the voting rights pertaining to the number of shares of preferred stock represented by such record holder's depositary shares. The depositary will endeavor, insofar as practicable, to vote such preferred stock represented by such depositary shares in accordance with such instructions, and we will agree to take all action which may be deemed necessary by the depositary in order to enable the depositary to do so. The depositary will abstain from voting any of the preferred stock to the extent that it does not receive specific instructions from the holders of depositary receipts.

Withdrawal of Preferred Stock

Upon surrender of depositary receipts at the principal office of the depositary and payment of any unpaid amount due the depositary, and subject to the terms of the deposit agreement, the owner of the depositary shares evidenced thereby is entitled to delivery of the number of whole shares of preferred stock and all money and other property, if any, represented by such depositary shares. Partial shares of preferred stock will not be issued. If the depositary receipts delivered by the holder evidence a number of depositary shares in excess of the number of depositary shares representing the number of whole shares of preferred stock to be withdrawn, the depositary will deliver to such holder at the same time a new depositary receipt evidencing such excess number of depositary shares. Holders of preferred stock thus withdrawn will not thereafter be entitled to deposit such shares under the deposit agreement or to receive depositary receipts evidencing depositary shares therefor.

Amendment and Termination of Deposit Agreement

The form of depositary receipt evidencing the depositary shares and any provision of the deposit agreement may at any time and from time to time be amended by agreement between us and the depositary. However, any amendment which materially and adversely alters the rights of the holders (other than any change in fees) of depositary shares will not be effective unless such amendment has been approved by at least a majority of the depositary shares then outstanding. No such amendment may impair the right, subject to the terms of the deposit agreement, of any owner of any depositary shares to surrender the depositary receipt evidencing such depositary shares with instructions to the depositary to deliver to the holder of the preferred stock and all money and other property, if any, represented thereby, except in order to comply with mandatory provisions of applicable law.

The deposit agreement will be permitted to be terminated by us upon not less than 30 days prior written notice to the applicable depositary if a majority of each series of preferred stock affected by such

termination consents to such termination, whereupon such depositary will be required to deliver or make available to each holder of depositary receipts, upon surrender of the depositary receipts held by such holder, such number of whole or fractional shares of preferred stock as are represented by the depositary shares evidenced by such depositary receipts together with any other property held by such depositary with respect to such depositary receipts. In addition, the deposit agreement will automatically terminate if (a) all outstanding depositary shares thereunder shall have been redeemed, (b) there shall have been a final distribution in respect of the related preferred stock in connection with any liquidation, dissolution or winding-up of ReShape Lifesciences and such distribution shall have been distributed to the holders of depositary receipts evidencing the depositary shares representing such preferred stock or (c) each share of the related preferred stock shall have been converted into stock of ReShape Lifesciences not so represented by depositary shares.

Charges of Depositary

We will pay all transfer and other taxes and governmental charges arising solely from the existence of the depositary arrangements. We will pay charges of the depositary in connection with the initial deposit of the preferred stock and initial issuance of the depositary shares, and redemption of the preferred stock and all withdrawals of preferred stock by owners of depositary shares. Holders of depositary receipts will pay transfer, income and other taxes and governmental charges and certain other charges as are provided in the deposit agreement to be for their accounts. In certain circumstances, the depositary may refuse to transfer depositary shares, may withhold dividends and distributions and sell the depositary shares evidenced by such depositary receipt if such charges are not paid. The applicable prospectus supplement will include information with respect to fees and charges, if any, in connection with the deposit or substitution of the underlying securities, the receipt and distribution of dividends, the sale or exercise of rights, the withdrawal of the underlying security, and the transferring, splitting or grouping of receipts. The applicable prospectus supplement will also include information with respect to the right to collect the fees and charges, if any, against dividends received and deposited securities.

Miscellaneous

The depositary will forward to the holders of depositary receipts all notices, reports and proxy soliciting material from us which are delivered to the depositary and which we are required to furnish to the holders of the preferred stock. In addition, the depositary will make available for inspection by holders of depositary receipts at the principal office of the depositary, and at such other places as it may from time to time deem advisable, any notices, reports and proxy soliciting material received from us which are received by the depositary as the holder of preferred stock. The applicable prospectus supplement will include information about the rights, if any, of holders of receipts to inspect the transfer books of the depositary and the list of holders of receipts.

Neither the depositary nor ReShape Lifesciences assumes any obligation or will be subject to any liability under the deposit agreement to holders of depositary receipts other than for its negligence or willful misconduct. Neither the depositary nor ReShape Lifesciences will be liable if it is prevented or delayed by law or any circumstance beyond its control in performing its obligations under the deposit agreement. The obligations of ReShape Lifesciences and the depositary under the deposit agreement will be limited to performance in good faith of their duties thereunder, and they will not be obligated to prosecute or defend any legal proceeding in respect of any depositary shares or preferred stock unless satisfactory indemnity is furnished. ReShape Lifesciences and the depositary may rely on written advice of counsel or accountants, on information provided by holders of the depositary receipts or other persons believed in good faith to be competent to give such information and on documents believed to be genuine and to have been signed or presented by the proper party or parties.

In the event the depositary shall receive conflicting claims, requests or instructions from any holders of depositary receipts, on the one hand, and us, on the other hand, the depositary shall be entitled to act on such claims, requests or instructions received from us.

Resignation and Removal of Depositary

The depositary may resign at any time by delivering to us notice of its election to do so, and we may at any time remove the depositary, any such resignation or removal to take effect upon the appointment of a

successor depositary and its acceptance of such appointment. Such successor depositary must be appointed within 60 days after delivery of the notice for resignation or removal and must be a bank or trust company having its principal office in the United States and having a combined capital and surplus of at least \$150,000,000.

DESCRIPTION OF WARRANTS

We may issue warrants for the purchase of shares of our common stock or preferred stock. We may issue warrants independently or together with other securities, and the warrants may be attached to or separate from any offered securities. Each series of warrants will be issued under a separate warrant agreement to be entered into between us and the investors or a warrant agent. The following summary of material provisions of the warrants and warrant agreements are subject to, and qualified in their entirety by reference to, all the provisions of the warrant agreement and warrant certificate applicable to a particular series of warrants. The terms of any warrants offered under a prospectus supplement may differ from the terms described below. We urge you to read the applicable prospectus supplement and any related free writing prospectus, as well as the complete warrant agreements and warrant certificates that contain the terms of the warrants.

The particular terms of any issue of warrants will be described in the prospectus supplement relating to the issue. Those terms may include:

- the number of shares of common stock or preferred stock purchasable upon the exercise of warrants to purchase such shares and the price at which such number of shares may be purchased upon such exercise;
- the designation, stated value and terms (including, without limitation, liquidation, dividend, conversion and voting rights) of the series of preferred stock purchasable upon exercise of warrants to purchase preferred stock;
- the date, if any, on and after which the warrants and the related preferred stock or common stock will be separately transferable;
- the terms of any rights to redeem or call the warrants;
- the date on which the right to exercise the warrants will commence and the date on which the right will expire;
- United States Federal income tax consequences applicable to the warrants; and
- any additional terms of the warrants, including terms, procedures, and limitations relating to the exchange, exercise and settlement of the warrants.

Holders of equity warrants will not be entitled:

- to vote, consent or receive dividends;
- receive notice as stockholders with respect to any meeting of stockholders for the election of our directors or any other matter; or
- exercise any rights as stockholders of ReShape Lifesciences.

Each warrant will entitle its holder to purchase the number of shares of preferred stock or common stock at the exercise price set forth in, or calculable as set forth in, the applicable prospectus supplement. Unless we otherwise specify in the applicable prospectus supplement, holders of the warrants may exercise the warrants at any time up to the specified time on the expiration date that we set forth in the applicable prospectus supplement. After the close of business on the expiration date, unexercised warrants will become void.

A holder of warrant certificates may exchange them for new warrant certificates of different denominations, present them for registration of transfer and exercise them at the corporate trust office of the warrant agent or any other office indicated in the applicable prospectus supplement. Until any warrants to purchase common stock or preferred stock are exercised, the holders of the warrants will not have any

rights of holders of the underlying common stock or preferred stock, including any rights to receive dividends or payments upon any liquidation, dissolution or winding up on the common stock or preferred stock, if any.

DESCRIPTION OF UNITS

We may issue units consisting of any combination of the other types of securities offered under 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 following description, together with the additional information included in any applicable prospectus supplement, summarizes the general features of the units that we may offer under this prospectus. You should read any prospectus supplement and any free writing prospectus that we may authorize to be provided to you related to the series of units being offered, as well as the complete unit agreements that contain the terms of the units. Specific unit agreements will contain additional important terms and provisions and we will file as an exhibit to the registration statement of which this prospectus is a part, or will incorporate by reference from another report that we file with the SEC, the form of each unit agreement relating to units offered under this prospectus.

If we offer any units, certain terms of that series of units will be described in the applicable prospectus supplement, including, without limitation, the following, as applicable:

- the title of the series of units;
- identification and description of the separate constituent securities comprising the units;
- the price or prices at which the units will be issued;
- the date, if any, on and after which the constituent securities comprising the units will be separately transferable;
- a discussion of certain United States federal income tax considerations applicable to the units; and
- any other terms of the units and their constituent securities.

GLOBAL SECURITIES

Book-Entry, Delivery and Form

Unless we indicate differently in any applicable prospectus supplement or free writing prospectus, the securities initially will be issued in book-entry form and represented by one or more global notes or global securities, or, collectively, global securities. The global securities will be deposited with, or on behalf of, The Depository Trust Company, New York, New York, as depository, or DTC, and registered in the name of Cede & Co., the nominee of DTC. Unless and until it is exchanged for individual certificates evidencing securities under the limited circumstances described below, a global security may not be transferred except as a whole by the depository to its nominee or by the nominee to the depository, or by the depository or its nominee to a successor depository or to a nominee of the successor depository.

DTC has advised us that it is:

- a limited-purpose trust company organized under the New York Banking Law;
- a “banking organization” within the meaning of the New York Banking Law;
- a member of the Federal Reserve System;
- a “clearing corporation” within the meaning of the New York Uniform Commercial Code; and
- a “clearing agency” registered pursuant to the provisions of Section 17A of the Exchange Act. DTC holds securities that its participants deposit with DTC. DTC also facilitates the settlement among its participants of securities transactions, such as transfers and pledges, in deposited securities through

electronic computerized book-entry changes in participants' accounts, thereby eliminating the need for physical movement of securities certificates. "Direct participants" in DTC include securities brokers and dealers, including underwriters, banks, trust companies, clearing corporations and other organizations. DTC is a wholly owned subsidiary of The Depository Trust & Clearing Corporation, or DTCC. DTCC is the holding company for DTC, National Securities Clearing Corporation and Fixed Income Clearing Corporation, all of which are registered clearing agencies. DTCC is owned by the users of its regulated subsidiaries. Access to the DTC system is also available to others, which we sometimes refer to as indirect participants, that clear through or maintain a custodial relationship with a direct participant, either directly or indirectly. The rules applicable to DTC and its participants are on file with the SEC.

Purchases of securities under the DTC system must be made by or through direct participants, which will receive a credit for the securities on DTC's records. The ownership interest of the actual purchaser of a security, which we sometimes refer to as a beneficial owner, is in turn recorded on the direct and indirect participants' records. Beneficial owners of securities will not receive written confirmation from DTC of their purchases. However, beneficial owners are expected to receive written confirmations providing details of their transactions, as well as periodic statements of their holdings, from the direct or indirect participants through which they purchased securities. Transfers of ownership interests in global securities are to be accomplished by entries made on the books of participants acting on behalf of beneficial owners. Beneficial owners will not receive certificates representing their ownership interests in the global securities, except under the limited circumstances described below.

To facilitate subsequent transfers, all global securities deposited by direct participants with DTC will be registered in the name of DTC's partnership nominee, Cede & Co., or such other name as may be requested by an authorized representative of DTC. The deposit of securities with DTC and their registration in the name of Cede & Co. or such other nominee will not change the beneficial ownership of the securities. DTC has no knowledge of the actual beneficial owners of the securities. DTC's records reflect only the identity of the direct participants to whose accounts the securities are credited, which may or may not be the beneficial owners. The participants are responsible for keeping account of their holdings on behalf of their customers.

So long as the securities are in book-entry form, you will receive payments and may transfer securities only through the facilities of the depository and its direct and indirect participants. We will maintain an office or agency in the location specified in the prospectus supplement for the applicable securities, where notices and demands in respect of the securities may be delivered to us and where certificated securities may be surrendered for payment, registration of transfer or exchange.

Conveyance of notices and other communications by DTC to direct participants, by direct participants to indirect participants and by direct participants and indirect participants to beneficial owners will be governed by arrangements among them, subject to any legal requirements in effect from time to time.

Redemption notices will be sent to DTC. If less than all of the securities of a particular series are being redeemed, DTC's practice is to determine by lot the amount of the interest of each direct participant in the securities of such series to be redeemed.

Neither DTC nor Cede & Co. (or such other DTC nominee) will consent or vote with respect to the securities. Under its usual procedures, DTC will mail an omnibus proxy to us as soon as possible after the record date. The omnibus proxy assigns the consenting or voting rights of Cede & Co. to those direct participants to whose accounts the securities of such series are credited on the record date, identified in a listing attached to the omnibus proxy.

So long as securities are in book-entry form, we will make payments on those securities to the depository or its nominee, as the registered owner of such securities, by wire transfer of immediately available funds. If securities are issued in definitive certificated form under the limited circumstances described below, we will have the option of making payments by check mailed to the addresses of the persons entitled to payment or by wire transfer to bank accounts in the United States designated in writing to the applicable trustee or other designated party at least 15 days before the applicable payment date by the persons entitled to payment, unless a shorter period is satisfactory to the applicable trustee or other designated party.

Redemption proceeds, distributions and dividend payments on the securities will be made to Cede & Co., or such other nominee as may be requested by an authorized representative of DTC. DTC's practice is to credit direct participants' accounts upon DTC's receipt of funds and corresponding detail information from us on the payment date in accordance with their respective holdings shown on DTC records. Payments by participants to beneficial owners will be governed by standing instructions and customary practices, as is the case with securities held for the account of customers in bearer form or registered in "street name." Those payments will be the responsibility of participants and not of DTC or us, subject to any statutory or regulatory requirements in effect from time to time. Payment of redemption proceeds, distributions and dividend payments to Cede & Co., or such other nominee as may be requested by an authorized representative of DTC, is our responsibility, disbursement of payments to direct participants is the responsibility of DTC, and disbursement of payments to the beneficial owners is the responsibility of direct and indirect participants.

Except under the limited circumstances described below, purchasers of securities will not be entitled to have securities registered in their names and will not receive physical delivery of securities. Accordingly, each beneficial owner must rely on the procedures of DTC and its participants to exercise any rights under the securities.

The laws of some jurisdictions may require that some purchasers of securities take physical delivery of securities in definitive form. Those laws may impair the ability to transfer or pledge beneficial interests in securities.

DTC may discontinue providing its services as securities depository with respect to the securities at any time by giving reasonable notice to us. Under such circumstances, in the event that a successor depository is not obtained, securities certificates are required to be printed and delivered.

As noted above, beneficial owners of a particular series of securities generally will not receive certificates representing their ownership interests in those securities. However, if:

- DTC notifies us that it is unwilling or unable to continue as a depository for the global security or securities representing such series of securities or if DTC ceases to be a clearing agency registered under the Exchange Act at a time when it is required to be registered and a successor depository is not appointed within 90 days of the notification to us or of our becoming aware of DTC's ceasing to be so registered, as the case may be;
- we determine, in our sole discretion, not to have such securities represented by one or more global securities; or
- an Event of Default has occurred and is continuing with respect to such series of securities,

we will prepare and deliver certificates for such securities in exchange for beneficial interests in the global securities. Any beneficial interest in a global security that is exchangeable under the circumstances described in the preceding sentence will be exchangeable for securities in definitive certificated form registered in the names that the depository directs. It is expected that these directions will be based upon directions received by the depository from its participants with respect to ownership of beneficial interests in the global securities.

Euroclear and Clearstream

If so provided in the applicable prospectus supplement, you may hold interests in a global security through Clerstream Banking S.A., which we refer to as "Clearstream," or Euroclear Bank S.A./N.V., as operator of the Euroclear System, which we refer to as "Euroclear," either directly if you are a participant in Clearstream or Euroclear or indirectly through organizations which are participants in Clearstream or Euroclear. Clearstream and Euroclear will hold interests on behalf of their respective participants through customers' securities accounts in the names of Clearstream and Euroclear, respectively, on the books of their respective U.S. depositories, which in turn will hold such interests in customers' securities accounts in such depositories' names on DTC's books.

Clearstream and Euroclear are securities clearance systems in Europe. Clearstream and Euroclear hold securities for their respective participating organizations and facilitate the clearance and settlement of

securities transactions between those participants through electronic book-entry changes in their accounts, thereby eliminating the need for physical movement of certificates.

Payments, deliveries, transfers, exchanges, notices and other matters relating to beneficial interests in global securities owned through Euroclear or Clearstream must comply with the rules and procedures of those systems. Transactions between participants in Euroclear or Clearstream, on one hand, and other participants in DTC, on the other hand, are also subject to DTC's rules and procedures.

Investors will be able to make and receive through Euroclear and Clearstream payments, deliveries, transfers and other transactions involving any beneficial interests in global securities held through those systems only on days when those systems are open for business. Those systems may not be open for business on days when banks, brokers and other institutions are open for business in the United States.

Cross-market transfers between participants in DTC, on the one hand, and participants in Euroclear or Clearstream, on the other hand, will be effected through DTC in accordance with the DTC's rules on behalf of Euroclear or Clearstream, as the case may be, by their respective U.S. depositaries; however, such cross-market transactions will require delivery of instructions to Euroclear or Clearstream, as the case may be, by the counterparty in such system in accordance with the rules and procedures and within the established deadlines (European time) of such system. Euroclear or Clearstream, as the case may be, will, if the transaction meets its settlement requirements, deliver instructions to its U.S. depository to take action to effect final settlement on its behalf by delivering or receiving interests in the global securities through DTC, and making or receiving payment in accordance with normal procedures for same-day fund settlement. Participants in Euroclear or Clearstream may not deliver instructions directly to their respective U.S. depositaries.

Due to time zone differences, the securities accounts of a participant in Euroclear or Clearstream purchasing an interest in a global security from a direct participant in DTC will be credited, and any such crediting will be reported to the relevant participant in Euroclear or Clearstream, during the securities settlement processing day (which must be a business day for Euroclear or Clearstream) immediately following the settlement date of DTC. Cash received in Euroclear or Clearstream as a result of sales of interests in a global security by or through a participant in Euroclear or Clearstream to a direct participant in DTC will be received with value on the settlement date of DTC but will be available in the relevant Euroclear or Clearstream cash account only as of the business day for Euroclear or Clearstream following DTC's settlement date.

Other

The information in this section of this prospectus concerning DTC, Clearstream, Euroclear and their respective book-entry systems has been obtained from sources that we believe to be reliable, but we do not take responsibility for this information. This information has been provided solely as a matter of convenience. The rules and procedures of DTC, Clearstream and Euroclear are solely within the control of those organizations and could change at any time. Neither we nor the trustee nor any agent of ours or of the trustee has any control over those entities and none of us takes any responsibility for their activities. You are urged to contact DTC, Clearstream and Euroclear or their respective participants directly to discuss those matters. In addition, although we expect that DTC, Clearstream and Euroclear will perform the foregoing procedures, none of them is under any obligation to perform or continue to perform such procedures and such procedures may be discontinued at any time. Neither we nor any agent of ours will have any responsibility for the performance or nonperformance by DTC, Clearstream and Euroclear or their respective participants of these or any other rules or procedures governing their respective operations.

PLAN OF DISTRIBUTION

We may sell the securities from time to time pursuant to underwritten public offerings, negotiated transactions, block trades or a combination of these methods. We may sell the securities separately or together:

- through one or more underwriters or dealers in a public offering and sale by them;
- through agents; and/or
- directly to one or more purchasers.

We may distribute the securities 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 such prevailing market prices; or
- at negotiated prices.

We may solicit directly offers to purchase the respective securities being offered by this prospectus. We may also designate agents to solicit offers to purchase the respective securities from time to time. We will name in a prospectus supplement any agent involved in the offer or sale of our securities.

If we utilize a dealer in the sale of the respective securities being offered by this prospectus, we will sell the respective securities to the dealer, as principal. The dealer may then resell the securities to the public at varying prices to be determined by the dealer at the time of resale.

If we utilize an underwriter in the sale of the respective securities being offered by this prospectus, we will execute an underwriting agreement with the underwriter at the time of sale and we will provide the name of any underwriter in the prospectus supplement that the underwriter will use to make resales of the securities to the public. In connection with the sale of the securities, we or the purchasers of securities for whom the underwriter may act as agent may compensate the underwriter in the form of underwriting discounts or commissions. The underwriter may sell the securities to or through dealers, and the underwriter may compensate those dealers in the form of discounts, concessions or commissions.

We will provide in the applicable prospectus supplement any compensation we will pay to underwriters, dealers or agents in connection with the offering of the respective securities, and any discounts, concessions or commissions allowed by underwriters to participating dealers. Underwriters, dealers and agents participating in the distribution of the securities may be deemed to be underwriters within the meaning of the Securities Act, and any discounts and commissions received by them and any profit realized by them on resale of the securities may be deemed to be underwriting discounts and commissions. We may enter into agreements to indemnify underwriters, dealers and agents against civil liabilities, including liabilities under the Securities Act, or to contribute to payments they may be required to make in respect thereof.

The securities may or may not be listed on a national securities exchange. To facilitate the offering of securities, certain persons participating in the offering may engage in transactions that stabilize, maintain or otherwise affect the price of the securities. This may include over-allotments or short sales of the securities, which involve the sale by persons participating in the offering of more securities than we sold to them. In these circumstances, these persons would cover such over-allotments or short positions by making purchases in the open market or by exercising their over-allotment option. In addition, these persons may stabilize or maintain the price of the securities by bidding for or purchasing securities in the open market or by imposing penalty bids, whereby selling concessions allowed to dealers participating in the offering may be reclaimed if securities sold by them is repurchased in connection with stabilization transactions. The effect of these transactions may be to stabilize or maintain the market price of the securities at a level above that which might otherwise prevail in the open market. The transactions may be discontinued at any time.

We may authorize underwriters, dealers or agents to solicit offers by certain purchasers to purchase the respective securities from us at the public offering price set forth in the prospectus supplement pursuant to delayed delivery contracts providing for payment and delivery on a specified date in the future. The contracts

will be subject only to those conditions set forth in the prospectus supplement, and the prospectus supplement will set forth any commissions we pay for solicitation of these contracts.

We may enter into derivative transactions with third parties, or sell securities not covered by this prospectus to third parties in privately negotiated transactions. If the applicable prospectus supplement indicates, in connection with those derivatives, the parties may sell securities covered by this prospectus and the applicable prospectus supplement, including short sale transactions. If so, the third party may use securities pledged by us or borrowed from us or others to settle those sales or to close out any related open borrowings of stock, and may use securities received from us in settlement of those derivatives to close out any related open borrowings of stock. The third party in such sale transactions will be an underwriter and, if not identified in this prospectus, will be identified in the applicable prospectus supplement or a post-effective amendment to this registration statement. In addition, we may otherwise loan or pledge securities to a financial institution or other third party that in turn may sell the securities short using this prospectus. Such financial institution or other third party may transfer its economic short position to investors in our securities or in connection with a concurrent offering of other securities.

The underwriters, dealers and agents may engage in transactions with us, or perform services for us, in the ordinary course of business.

LEGAL MATTERS

Fox Rothschild LLP, Minneapolis, Minnesota, will issue a legal opinion as to the validity of the securities offered by this prospectus.

EXPERTS

The consolidated financial statements of Obalon Therapeutics, Inc. (our predecessor company) as of December 31, 2020 and for the year then ended incorporated by reference in this prospectus have been so incorporated in reliance on the report of BDO USA, LLP, an independent registered public accounting firm, incorporated herein by reference, given on the authority of said firm as experts in auditing and accounting.

The consolidated financial statements of ReShape Lifesciences Inc. as of December 31, 2019 and December 31, 2020 and for the years then ended incorporated by reference in this prospectus have been so incorporated in reliance on the report of BDO USA, LLP, an independent registered public accounting firm, incorporated herein by reference, given on the authority of said firm as experts in auditing and accounting.

The consolidated financial statements of Obalon Therapeutics, Inc. (our predecessor company) as of December 31, 2019, and for the year then ended, have been incorporated by reference herein and in the registration statement in reliance upon the report of KPMG LLP, independent registered public accounting firm, incorporated by reference herein, and upon the authority of said firm as experts in accounting and auditing.

The audit report covering the December 31, 2019 consolidated financial statements contains an explanatory paragraph that states that the Company's recurring losses from operations and net capital deficiency raise substantial doubt about the entity's ability to continue as a going concern. The consolidated financial statements do not include any adjustments that might result from the outcome of that uncertainty.

WHERE YOU CAN FIND MORE INFORMATION

We file annual, quarterly and current reports, proxy statements and other information with the SEC. Our SEC filings are available to the public through the Internet at the SEC's web site at www.sec.gov. You may also read and copy any document we file with the SEC 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 about its public reference facilities and their copy charges.

We have filed with the SEC a registration statement on Form S-3 under the Securities Act with respect to the securities offered by this prospectus. When used in this prospectus, the term "registration statement" includes amendments to the registration statement as well as the exhibits, schedules, financial statements and notes filed as part of the registration statement. This prospectus, which constitutes a part of the registration

statement, does not contain all of the information in the registration statement. This prospectus omits information contained in the registration statement as permitted by the rules and regulations of the SEC. For further information with respect to us and the common stock offered by this prospectus, reference is made to the registration statement. Statements herein concerning the contents of any contract or other document are not necessarily complete and in each instance reference is made to the copy of such contract or other document filed with the SEC as an exhibit to the registration statement, each such statement being qualified by and subject to such reference in all respects.

INCORPORATION OF DOCUMENTS BY REFERENCE

The SEC allows us to incorporate by reference the information we file with them. This allows us to disclose important information to you by referencing those filed documents. We have previously filed the following documents with the SEC and are incorporating them by reference into this prospectus:

- [ReShape Weightloss Inc.'s Annual Report on Form 10-K for the year ended December 31, 2020](#);
- [ReShape Lifesciences Inc.'s \(formerly Obalon Therapeutics, Inc.\) Annual Report on Form 10-K for the year ended December 31, 2020](#);
- [ReShape Weightloss Inc.'s Quarterly Report on Form 10-Q for the quarter ended March 31, 2021](#);
- ReShape Lifesciences Inc.'s (formerly Obalon Therapeutics, Inc.) Quarterly Report on Form 10-Q for the quarters ended [March 31, 2021](#) and [June 30, 2021](#);
- ReShape Weightloss Inc.'s Current Reports on Form 8-K (only to the extent information is “filed” and not “furnished”) filed with the SEC on [May 19, 2021](#) and [June 15, 2021](#);
- ReShape Lifesciences Inc.'s (formerly Obalon Therapeutics, Inc.) Current Reports on Form 8-K (only to the extent information is “filed” and not “furnished”) filed with the SEC on [May 4, 2021](#), [May 13, 2021](#), [May 18, 2021](#), [May 21, 2021](#), [May 26, 2021](#), [June 15, 2021](#), [July 2, 2021](#) and [July 19, 2021](#); and
- the description of our capital stock contained in ReShape Lifesciences Inc.'s (formerly Obalon Therapeutics, Inc.) Registration Statement on [Form S-4, as amended \(File No. 333-254841\)](#) under the heading “Description of Capital Stock” and any amendment or report filed for the purpose of updating such description.

We also are incorporating by reference any future information filed (rather than furnished) by us with the SEC under Section 13(a), 13(c), 14 or 15(d) of the Securities Exchange Act of 1934, as amended, after the date of the initial filing of the registration statement of which this prospectus is a part and before the effective date of the registration statement and after the date of this prospectus until the termination of the offering. The most recent information that we file with the SEC automatically updates and supersedes more dated information.

You can obtain a copy of any documents which are incorporated by reference in this prospectus or prospectus supplement, except for exhibits which are specifically incorporated by reference into those documents, at no cost, by writing or telephoning us at:

ReShape Lifesciences Inc.
1001 Calle Amanecer
San Clemente, California 92673
Attention: Secretary
(949) 429-6680



2,392,524 Shares of Common Stock

2,500 Shares of Series D Mirroring Preferred Stock

492,091 Shares of Common Stock Underlying Pre-funded Warrants

PROSPECTUS SUPPLEMENT

Maxim Group LLC

November 8, 2022

The prospectus to which this Exhibit 107 is attached is a final prospectus for the related offering. The maximum aggregate offering price for such offering is \$750,002.40.
