

March 17, 2015

Aldeyra Therapeutics (ALDX - \$ 11.24)**NS2 in SLS Phase II Study Started and the Non-infectious Anterior Uveitis Phase II Study to Come Likely in 2Q15**

This morning, ALDX announced the commencement of the NS2 in Sjogren-Larsson Syndrome (SLS) Phase II study, and also indicated that the FDA has accepted the amended protocol for the NS2 in noninfectious anterior uveitis Phase II trial.

- **Details.** This morning, ALDX announced that the NS2 in Sjogren-Larsson Syndrome (SLS) Phase II study has started to enroll patients. In addition, the FDA has accepted the amended study protocol of the NS2 in noninfectious anterior uveitis Phase II trial. The company expects institutional review board (IRB) approvals from various clinical study sites near term. As a reminder, the adjustments of the noninfectious anterior uveitis Phase II trial include 1) the study enrollment criteria will exclude a small subset of the most severe uveitis patients; and 2) the dosing frequency of the Phase II study will match that employed in the prior Phase I safety study. The company reiterated that the trial is expected to begin enrollment in 1H15, with preliminary data available by year-end 2015.
- **Implications.** We view the commencement of the NS2 in SLS clinical study demonstrates the proper execution by the ALDX management team. We anticipate top-line results could be available in 3Q15. With the FDA acceptance of minor adjustments to the study protocol, we also believe the NS2 in noninfectious anterior uveitis Phase II study should begin in 2Q15, with top-line preliminary data available by year-end 2015. Near term, we believe several pre-clinical data releases could be very informative in demonstrating the potential of NS2. These presentations include 1) NS2 cream in SLS, to be reported between March 28-31, 2015, and 2) NS2 eye-drop in acute anterior uveitis, to be reported between May 3-7, 2015 at the Association for Research in Vision and Ophthalmology (ARVO) 2015 Annual Meeting.
- **Action.** We are reiterating our Buy rating and our \$30 target price based on peer comparable probability adjusted DCF analyses. This reflects our view that NS2 could take a shorter time to market than the two leading orphan indications currently under study. We view the ALDX story as under-exposed and the shares as under-valued, in our opinion.

Healthcare/Biotechnology

| | |
|---------------|-----------------|
| Ticker: | ALDX |
| Rating: | Buy |
| Price Target: | \$ 30.00 |

Trading Data:

| | |
|--------------------------|----------|
| Last Price (03/17/2015) | \$ 11.24 |
| 52-Week High (1/28/2015) | \$ 13.50 |
| 52-Week Low (8/4/2014) | \$ 3.00 |
| Market Cap. (MM) | \$ 63 |
| Shares Out. (MM) | 6 |

Earnings Estimates: (per share)

| (Dec) | 1Q | 2Q | 3Q | 4Q | FY | P/E |
|---------------|--------|--------|--------|-------|---------|------|
| FY-15E | -0.37 | -0.36 | -0.37 | -0.37 | -1.54 | N.A. |
| FY-14E | -0.04A | -1.43A | -0.36A | -0.37 | -2.47 | N.A. |
| FY-13A | -13.03 | -5.47 | 2.76 | 18.47 | 3.49 | N.A. |
| FY-12A | NA | NA | NA | NA | -124.44 | N.A. |

*Source: Laidlaw & Company estimates***Yale Jen, Ph.D.**

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Anticipated milestones in 2015 and beyond

| Product | Indication | Event | Timing | Importance |
|-------------|--------------------------|--|-------------------|------------|
| NS2 cream | Sjögren-Larsson Syndrome | Potentially report Phase II study top-line results | 3Q15 | **** |
| | | Potentially report pre-clinical results | March 28-31, 2015 | *** |
| NS2 eyedrop | Acute anterior uveitis | Potentially enroll first patient for Phase II study | 2Q15 | *** |
| | | Presentation of pre-clinical data at the Association for Research in Vision and Ophthalmology (ARVO) 2015 Annual Meeting | May 3-7, 2015 | *** |
| | | Potentially report Phase II study top-line results | 4Q15 | **** |

****/***** Major catalyst event that could impact share price very significantly while *** event is more informative

Source: Laidlaw & Company and company presentation

Major Risks

Risks of clinical study failure could have a major impact on ALDX share value. Although promising aspects of the company's lead products, NS2 in the two indications under clinical trials; it remains too early to predict the safety and efficacy from the two ongoing Phase II studies. The clinical validation for these programs has not been established. The success of the each study could illustrate NS2 treatment potential of separate disease areas. It is important that one or both studies demonstrate a positive outcome in order to increase the company's assets and shareholder value. Negative results of either of the Phase II studies could impair shareholder value. Further, should these programs further advance into later clinical stage development, it remains too early to predict any potential success of such clinical trials. In SLS, it is possible that elevated fatty alcohol, instead of elevated aldehyde, affects the progression of the disease. If so, NS2 might not have the therapeutic effect on of elevated fatty alcohol levels. We view this to be a very modest risk, however.

Products may not be approved or reach anticipated sales. Aldeyra's current pipeline products have exhibited the potential to generate positive clinical outcomes from current and future trials. However it remains too early to project whether any of these products will be approved by regulatory agencies. Even if the products were to enter the market, sales could be significantly below projections due to the specific product label under approval, physician consensus for prescribing the drug, changes of treatment paradigms, entrance of competitors, and possibly the changes in pricing flexibility and payer reimbursement. A revenue outlook below expectations could also negatively affect ALDX shareholder value.

Limited product offering and further validation of technology represent limited diversification to investors. The major technology platform of ALDX is aldehyde trapping and the company currently has only one drug, NS2, in two different delivery forms, in clinical studies. As such, ALDX has a very concentrated product offering portfolio and hence, exhibits limited diversification for investors. In addition, although aldehyde trapping is a novel and logical approach in drug development, it remains too early to gain greater buy-in within medical and investor communities since clinical validation remains very limited.

Additional financings could dilute shareholder value. Although the company currently has ~\$17MM (pro forma) cash after recent financing, ALDX could need more financial resources going forward if they want to expand and further develop its pipeline. Should the product not receive FDA approval, or product revenue does not reach expectations; the company might need to issue new equity to raise additional cash. Under such a scenario, the share value of existing shareholders could be diluted.

Limited trading liquidity limits shareholder options. Given ALDX shares only entered the public market recently; daily trading volume and name recognition are relatively modest. With relatively illiquid trading volume, shareholders wanting to increase or reduce their positions in a volatile stock market may face constraints.

Figure 1: Income Statement

| Aldeyra Therapeutics – Income Statement | | | | | | | | | | | | | | | | | |
|--|------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|----------|
| (\$'000) | 2012 | 2013 | 1Q14 | 2Q14 | 3Q14 | 4Q14E | 2014E | 1Q15E | 2Q15E | 3Q15E | 4Q15E | 2015E | 2016E | 2017E | 2018E | 2019E | 2020E |
| Revenue | | | | | | | | | | | | | | | | | |
| Product revenue | 0 | 0 | - | - | - | - | 0 | - | - | - | - | 0 | 0 | 1,492 | 12,162 | 49,287 | 123,139 |
| Other revenue | 0 | 0 | - | - | - | - | 0 | - | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 |
| Total revenue | 0 | 0 | - | - | - | - | 0 | - | - | - | - | 0 | 0 | 1,492 | 12,162 | 49,287 | 123,139 |
| Costs of goods | | | | | | | | | | | | | | 134 | 1,095 | 4,436 | 11,083 |
| Gross sales | | | | | | | | | | | | | | 1,358 | 11,067 | 44,851 | 112,057 |
| Research and development | 469 | 1,542 | 444 | 664 | 1,196 | 1,327 | 3,631 | 1,778 | 1,956 | 2,132 | 2,218 | 8,085 | 10,348 | 11,694 | 12,746 | 13,893 | 15,005 |
| General and administrative | 645 | 2,135 | 801 | 983 | 772 | 780 | 3,336 | 788 | 796 | 804 | 812 | 3,200 | 3,488 | 3,976 | 4,175 | 4,383 | 4,602 |
| Marketing and sales | | | | | | | | | | | | | | 15,000 | 16,500 | 25,575 | 26,854 |
| Total Operating Expenses | 1,114 | 3,676 | 1,245 | 1,646 | 1,968 | 2,107 | 6,967 | 2,566 | 2,752 | 2,936 | 3,030 | 11,284 | 13,836 | 30,669 | 33,421 | 43,852 | 46,461 |
| Operating Incomes (losses) | (1,114) | (3,676) | (1,245) | (1,646) | (1,968) | (2,107) | (6,967) | (2,566) | (2,752) | (2,936) | (3,030) | (11,284) | (13,836) | (29,312) | (22,354) | 1,000 | 65,596 |
| Change in fair value of preferred stock warrant liabilities | (9) | 721 | 1,760 | 568 | - | - | 2,328 | - | 180 | 200 | 110 | 490 | 500 | 500 | 500 | 500 | 500 |
| Change in fair value of convertible preferred stock rights and rig | (126) | 16,175 | - | - | - | - | 0 | - | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 |
| Value provided in excess of issuance price of Series B convert | (21,485) | | | | | | 0 | - | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 |
| Interest income | 0 | 0 | - | - | - | - | 0 | - | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 |
| Other expenses | 1 | 0 | | | | | | - | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 |
| Interest expense | (342) | (159) | (113) | (56) | (41) | (42) | (253) | (42) | (42) | (42) | (42) | (168) | (168) | (168) | (168) | (168) | (168) |
| Total Other Income (Expense) | (21,951) | 16,737 | 1,647 | 511 | (41) | (42) | 2,075 | (42) | 138 | 158 | 68 | (168) | (168) | (168) | (168) | (168) | (168) |
| Net loss and comprehensive loss | (23,075) | 13,060 | 402 | (1,135) | (2,009) | (2,149) | (4,892) | (2,608) | (2,614) | (2,778) | (2,962) | (11,452) | (14,004) | (29,480) | (22,522) | 832 | 65,428 |
| Accretion of preferred stock | (389) | (823) | (192) | (142) | - | - | (333) | - | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 |
| Allocation of undistributed earnings to preferred stockholders | | (11,128) | (223) | - | - | - | (223) | - | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 |
| Deemed dividend | (15,662) | 0 | - | (4,054) | - | - | (4,054) | - | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 |
| Tax | 0 | 0 | - | - | - | - | 0 | - | - | - | - | 0 | 0 | 0 | 0 | (308) | (24,208) |
| Net Income (Loss) | (39,126) | 1,110 | (13) | (5,330) | (2,009) | (2,149) | (9,502) | (2,608) | (2,614) | (2,778) | (2,962) | (11,452) | (14,004) | (29,480) | (22,522) | 524 | 41,220 |
| Net Income (Loss) Applicable to Common Shareholders | (39,126) | 1,110 | (13) | (5,330) | (2,009) | (2,149) | (9,502) | (2,608) | (2,614) | (2,778) | (2,962) | (11,452) | (14,004) | (29,480) | (22,522) | 524 | 41,220 |
| Net Earnings (Losses) Per Share—Basic | (\$124.44) | \$3.49 | (\$0.04) | (\$1.43) | (\$0.36) | (\$0.37) | (\$2.47) | (\$0.37) | (\$0.36) | (\$0.37) | (\$0.37) | (\$1.54) | (\$1.49) | (\$2.83) | (\$1.97) | \$0.04 | \$3.07 |
| Net Earnings (Losses) Per Share—Diluted | (\$124.44) | (\$17.58) | (\$4.00) | (\$1.56) | (\$0.36) | (\$0.37) | (\$2.45) | (\$0.37) | (\$0.36) | (\$0.37) | (\$0.37) | (\$1.54) | (\$1.49) | (\$2.83) | (\$1.97) | \$0.04 | \$3.07 |
| Shares outstanding—basic | 314 | 318 | 327 | 3,738 | 5,565 | 5,765 | 3,849 | 7,065 | 7,165 | 7,465 | 7,965 | 7,415 | 9,415 | 10,415 | 11,415 | 12,415 | 13,415 |
| Shares outstanding—diluted | 314 | 857 | 444 | 3,769 | 5,565 | 5,765 | 3,886 | 7,065 | 7,165 | 7,465 | 7,965 | 7,415 | 9,415 | 10,415 | 11,415 | 12,415 | 13,415 |
| | | | | | | | | | | | | | | | | | |
| Margin Analysis (% of Sales/Revenue) | | | | | | | | | | | | | | | | | |
| Costs of goods | | | | | | | | | | | | | 9% | 9% | 9% | 9% | 9% |
| R&D | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 784% | 105% | 28% | 12% |
| SG&A | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 266% | 34% | 9% | 4% |
| Operating Income (loss) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | -1964% | -184% | 2% | 53% |
| Net Income | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | -1976% | -185% | 1% | 33% |
| | | | | | | | | | | | | | | | | | |
| Financial Indicator Growth Analysis (YoY%) | | | | | | | | | | | | | | | | | |
| Total Revenue | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 715% | 305% | 150% |
| R&D | NA | 229% | 196% | 104% | 80% | 232% | 136% | 300% | 195% | 78% | 67% | 123% | 28% | 13% | 9% | 9% | 8% |
| SG&A | NA | 231% | 467% | 49% | 54% | -6% | 56% | -2% | -19% | 4% | 4% | -4% | 9% | 14% | 5% | 5% | 5% |
| Marketing and sales | | | | | | | | | | | | | | | 10% | 55% | 5% |
| Operating Income (Losses) | NA | 230% | 327% | 67% | 69% | 71% | 90% | 106% | 67% | 49% | 44% | 62% | 23% | 112% | -24% | -104% | 6461% |
| Pretax Income | NA | -157% | -110% | -28% | -122% | -123% | -137% | -749% | 130% | 38% | 38% | 134% | 22% | 111% | -24% | -104% | 7766% |
| Net Income | NA | -103% | -100% | 210% | -329% | -136% | -956% | 19601% | -51% | 38% | 38% | 21% | 22% | 111% | -24% | -102% | 7766% |
| EPS | NA | -103% | -100% | -74% | -113% | -102% | -171% | 813% | -74% | 3% | 0% | -37% | -4% | 90% | -30% | -102% | 7179% |
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Source: Bloomberg LP; Company reports; Laidlaw & Company estimates

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Additional information available upon request.

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RATINGS INFORMATION**Rating and Price Target Change History**

| 3 Year Rating Change History | | |
|------------------------------|---------|--------------------|
| Date | Rating | Closing Price (\$) |
| 01/26/2015 | Buy (B) | 9.86 |

| 3 Year Price Change History | | |
|-----------------------------|-------------------|---------------------|
| Date | Target Price (\$) | Closing Price, (\$) |
| 01/26/2015 | 30.00 | 9.86 |

Source: Laidlaw & Company

Created by: Blue-Compass.net

| Laidlaw & Company Rating System* | | % of Companies Under Coverage With This Rating | % of Companies for which Laidlaw & Company has performed services for in the last 12 months | |
|----------------------------------|---|--|---|-----------|
| | | | Investment Banking | Brokerage |
| Strong Buy (SB) | Expected to significantly outperform the sector over 12 months. | 0.00% | 0.00% | 0.00% |
| Buy (B) | Expected to outperform the sector average over 12 months. | 81.82% | 36.36% | 9.09% |
| Hold (H) | Expected returns to be in line with the sector average over 12 months. | 4.55% | 0.00% | 0.00% |
| Sell (S) | Returns expected to significantly underperform the sector average over 12 months. | 0.00% | 0.00% | 0.00% |

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