



Rating Price (14 Nov 14, US\$) Target price (US\$) 52-week price range Market cap. (US\$ m) Enterprise value (US\$ m)

OUTPERFORM* [V] 38.17 54.00¹ 41.51 - 26.17 794.67 697.97

*Stock ratings are relative to the coverage universe in each analyst's or each team's respective sector.

¹Target price is for 12 months.

[V] = Stock considered volatile (see Disclosure Appendix).

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ZS Pharma, Inc. (ZSPH)

SMALL & MID CAP RESEARCH

ZS-9 28-Day Efficacy Data Strong; Edema Issue Requires Further Clarity

- Phase 3 data from 28-day ZS-004 trial reiterates strong efficacy/ tolerability profile of ZS-9, with some questions raised on safety. Data presented at the American Heart Association (AHA) Meeting and published in the Journal of the American Medical Association (JAMA) showed that across the three doses of ZS-9 (5g, 10g, 15g), 80-94% of patients maintained mean potassium levels in the normal range over days 8-29, with a positive dose-response seen. From an efficacy perspective, we view this as a very robust outcome.
- **Edema questions raised, but we see reasons to not be as concerned; further details expected at Wed's ZSPH Analyst Day meeting.** Both the AHA discussant and JAMA editorial author expressed some caution around edema rates seen in ZS-004. Specifically, edema was seen in a dose-dependent fashion, with rates in the 5g dose equal to placebo but higher rates seen in the 10g and 15g groups. However, many data points suggest this is not likely to be a serious issue, including: (1) 50% of patients with edema not requiring any changes in therapy; (2) 13/14 patients completed the study; (3) baseline patient characteristics may have contributed to the imbalance in the 15g dose; (4) there was no dose-dependent increase in sodium urinary excretion; and (5) there was no significant change in blood pressure, heart rate or body weight with any dose. We look for ZSPH to provide further clarity on this issue at their Analyst Day Wednesday as the ability to use ZS-9 chronically is critical to its commercial potential and questions around edema could limit this potential.

Financial and valuation metrics

| Year | 12/13A | 12/14E | 12/15E | 12/16E |
|---|----------|--------------------------|---------|--------|
| EPS (CS adj.) (US\$) | -3.17 | -3.69 | -3.13 | -0.68 |
| Prev. EPS (US\$) | _ | _ | _ | _ |
| P/E (x) | -12.0 | -10.3 | -12.2 | -56.5 |
| P/E rel. (%) | -70.1 | -64.9 | -85.1 | -440.3 |
| Revenue (US\$ m) | _ | _ | _ | 117.9 |
| EBITDA (US\$ m) | -31.5 | -48.0 | -67.0 | -12.0 |
| OCFPS (US\$) | -2.56 | -3.02 | -2.78 | -0.43 |
| P/OCF (x) | _ | -12.6 | -13.7 | -88.8 |
| EV/EBITDA (current) | -21.1 | -13.8 | -9.9 | -55.5 |
| Net debt (US\$ m) | -9 | -97 | -124 | -103 |
| ROIC (%) | 1,217.16 | -588.09 | -482.62 | -67.35 |
| Number of shares (m) | 20.82 | IC (current, US\$ m) | | -2.64 |
| BV/share (Next Qtr., ÚS\$) | 5.6 | EV/IC (x) | , | 112.4 |
| Net debt (Next Qtr., US\$ m) | -110.9 | Dividend (current, US\$) | | _ |
| Net debt/tot eq (Next Qtr., %) | -94.8 | Dividend yield (%) | | 7.9 |
| Source: Company data. Credit Suisse estimates | | • • | • | |

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Companies Mentioned (Price as of 14-Nov-2014)

ZS Pharma, Inc. (ZSPH.OQ, \$38.17, OUTPERFORM[V], TP \$54.0)

Disclosure Appendix

Important Global Disclosures

Vamil Divan, MD, Ari Jahja and Ronak H. Shah, Pharm.D., CFA each certify, with respect to the companies or securities that the individual analyzes, that (1) the views expressed in this report accurately reflect his or her personal views about all of the subject companies and securities and (2) no part of his or her compensation was, is or will be directly or indirectly related to the specific recommendations or views expressed in this report.

3-Year Price and Rating History for ZS Pharma, Inc. (ZSPH.OQ)

| ZSPH.OQ | Closing Price | Target Price | |
|-----------|---------------|--------------|--------|
| Date | (US\$) | (US\$) | Rating |
| 18-Jun-14 | 28.38 | | R |
| 14-Jul-14 | 30.49 | 51.00 | 0 * |
| 01-Sep-14 | 40.29 | 54.00 | |

^{*} Asterisk signifies initiation or assumption of coverage.



The analyst(s) responsible for preparing this research report received Compensation that is based upon various factors including Credit Suisse's total revenues, a portion of which are generated by Credit Suisse's investment banking activities

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Outperform (O): The stock's total return is expected to outperform the relevant benchmark*over the next 12 months.

Neutral (N): The stock's total return is expected to be in line with the relevant benchmark* over the next 12 months.

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*An analyst's coverage sector consists of all companies covered by the analyst within the relevant sector. An analyst may cover multiple sectors.

ZS Pharma, Inc. (ZSPH)



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Global Ratings Distribution

| Rating | Versus universe (%) | Of which banking clients (%) |
|--------------------|---------------------|------------------------------|
| Outperform/Buy* | 45% | (54% banking clients) |
| Neutral/Hold* | 38% | (50% banking clients) |
| Underperform/Sell* | 14% | (44% banking clients) |
| Restricted | 2% | |

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Price Target: (12 months) for ZS Pharma, Inc. (ZSPH.OQ)

Method: Our \$54 target price for ZSPH is based on discounted cash flow valuation. We use a 11.5% weighted average cost of capital and forecast discounted cash flows through 2033, with no terminal value thereafter.

Risks: Risks to our \$54 target price for ZSPH are (1) clinical setbacks, (2) poor execution, and (3) earlier-than-expected generic competition for ZS-9.

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See the Companies Mentioned section for full company names

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