

RESEARCH UPDATE
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Market Statistics in USD

| | |
|---------------------------|-----------------|
| Price | \$ 0.33 |
| 52 week Range | \$0.08 - \$2.25 |
| Daily Vol (3-mo. average) | 54,216,493 |
| Market Cap (M) | \$ 115.8 |
| Enterprise Value (M) | \$ 42.7 |
| Shares Outstanding: (M) | 347.7 |
| Float (M) | 303.7 |
| Public Ownership | 84.5% |
| Institutional Ownership | 2.8% |

Financial Summary in USD

| | |
|--------------------|---------|
| Pro Forma Cash (M) | \$ 73.3 |
| Cash/Share | \$ 0.21 |
| Debt (M) | \$ 0.2 |
| Equity (M) | \$ 77.0 |
| Equity/Share | \$ 0.22 |

FYE: Jun 2025 2026E 2027E

(all figures in M, except per share information)

| | | | |
|------------|-----------|-----------|---------|
| EBITDA | \$ (46.9) | \$ (25.6) | \$ 21.0 |
| Net Income | \$ (46.9) | \$ (25.6) | \$ 21.0 |
| EPS | \$ (1.37) | \$ (0.04) | \$ 0.04 |
| EV/R&D | 1.4x | 11.0x | 13.7x |
| EV/EBITDA | -0.3x | -1.9x | 2.4x |
| P/E | -0.2x | -7.9x | 9.2x |


Company Description

Incannex Healthcare, Inc. is a clinical-stage biopharmaceutical development company focused on developing innovative medicines for patients living with chronic diseases and significant unmet need. Incannex is advancing proprietary, synthetic first- and best-in-class cannabinoid and psychedelic-assisted therapeutics targeting sleep apnea, anxiety, and inflammatory diseases. Incannex's lead programs include IHL-42X for the treatment of obstructive sleep apnea (OSA), Psi-GAD in development to assess the use of psilocybin-assisted therapy for generalized anxiety disorder (GAD), and IHL-675A in Phase 2 trials for rheumatoid arthritis (RA). Each of these programs target conditions for which there are either no approved treatments, or the available treatments are inadequate.

INCANNEX HEALTHCARE INC. (NASDAQGM: IXHL)
Company Summary

IHL-42X Phase 2 Outcomes: In 4Q25, Incannex continued to build the clinical and patient-reported evidence base for IHL-42X in obstructive sleep apnoea (OSA), following full Phase 2 RePOSA data and exit-interview analyses. Both low- and high-dose IHL-42X achieved statistically significant reductions in Apnoea-Hypopnoea Index (AHI) versus placebo, with maximum AHI reductions of up to 83% in the high-dose arm and 79% in the low-dose arm,. Exit interviews showed 57.6% of participants reported perceived improvement in their OSA, and most of those described the change as meaningful to daily life, citing better sleep quality, less fatigue, and improved daily functioning. IHL-42X was well tolerated across both dose cohorts, with no serious adverse events and mainly mild, transient treatment-emergent events, reinforcing its potential for broad use if approved.

IHL-42X Next Steps: After two successful Phase 2 studies, management used 4Q25 to pivot IHL-42X from pure data generation toward regulatory and late-stage planning. The Company is preparing for formal FDA interactions to define the registrational path, including Phase 3 design, primary and secondary endpoints, and potential expedited-review options. These efforts align with Incannex's 2025 priority to advance IHL-42X into pivotal development while maintaining capital discipline. We expect IXHL to update the market after FDA discussions conclude and the forward development strategy is finalized, positioning IHL-42X for late-stage trials in 2026.

Financing: IXHL exited 4Q25 with a reinforced balance sheet and enhanced flexibility. The Company completed a sizeable equity raise, issuing ~153.3M shares for gross proceeds of \$69.5M, bringing cash and cash equivalents to \$73.3M. Management has not used the ATM facility since August 28, 2025, and the share count has remained unchanged. In addition, the Board authorized a \$20M share repurchase program, providing a tool to offset dilution and opportunistically return capital while still funding late-stage development, leaving no immediate need for further equity financing.

PSX-001 and IHL-675A Update: In 4Q25, Incannex highlighted highly positive Phase 2 results for PSX-001 (Psi-GAD), its psilocybin-assisted psychotherapy program for generalized anxiety disorder, reinforcing it as a second major value drive. The randomized, placebo-controlled study showed a statistically significant and clinically meaningful mean reduction in HAM-A scores, with 44.1% of treated patients achieving $\geq 50\%$ response and 27% reaching remission. With an open IND, the Company is preparing a multi-jurisdiction clinical study and evaluating strategic partnerships to accelerate development and expand global access. Meanwhile, IHL-675A remains in Phase 2 development for rheumatoid arthritis, with ongoing trial-related investment reflected in R&D and tax-incentive activity and is viewed as a complementary anti-inflammatory platform asset that can broaden Incannex's long-term commercial opportunity.

Valuation: We use a probability-adjusted Discounted Cash Flow Model when valuing IXHL. Our valuation model returns a valuation range of \$1.32 to \$1.76 with a midpoint of \$1.50 based on a discount rate range of 12.50% to 17.25% and a current risk adjustment range of 13% to 18%. Further details on our model can be found on page 5 of this report. We note that this model is highly levered to the out years due to the long term nature of IXHL's industry, leading to the potential for dramatic re-ratings as new information becomes available.

Assets

IHL-42X

IHL-42X is a novel treatment designed to treat people suffering from Obstructive Sleep Apnea (OSA) which is characterized by interrupted breathing while asleep. OSA is a highly prevalent condition where current treatments have poor patient compliance and no approved pharmacotherapies. What makes IHL-42X interesting is its unique combination of dronabinol and acetazolamide, addressing two different physiological aspects of OSA. Dronabinol binds to cannabinoid receptors, modulates signaling, and activates muscles that dilate the airway whereas acetazolamide induces metabolic acidosis which signals to the body that there is excess CO₂ in the blood, inducing the taking of a breath. Both of these compounds have been approved in the US for other treatments, leading to the potential reduced timeline to market.

Exhibit 3: IHL-42X Clinical Development Status



Source: Company Reports

Currently, IHL-42X has completed its Phase 2 trial with robust topline data in obstructive sleep apnoea, and Incannex is now prioritizing regulatory engagement and late-stage planning. The Company is preparing for formal interactions with the FDA to define the optimal U.S.-based pivotal program and potential expedited regulatory designations, with the goal of advancing toward a 505(b)(2) NDA pathway once the Phase 3 design and development strategy are finalized. Should IHL-42X receive approval, it would enter a significant addressable market, currently valued at approximately \$8.2 billion and primarily dominated by sleep apnea devices such as positive airway pressure (PAP) machines. Given the compliance challenges associated with existing device therapies, there is a considerable opportunity for pharmaceutical solutions like IHL-42X that offer effective, less intrusive treatment options.

Topline results from the Phase 2 RePOSA trial are highly encouraging. Both the low- and high-dose IHL-42X arms achieved statistically significant reductions in percent change in Apnoea-Hypopnoea Index (AHI) versus placebo, with maximum AHI reductions of up to 83% for the high-dose group and up to 79% for the low-dose group. The study also demonstrated broad improvements across sleep-quality and fatigue instruments and objective polysomnography metrics, with no serious adverse events and a favorable tolerability profile.

Exhibit 4: IHL-42X Market Overview



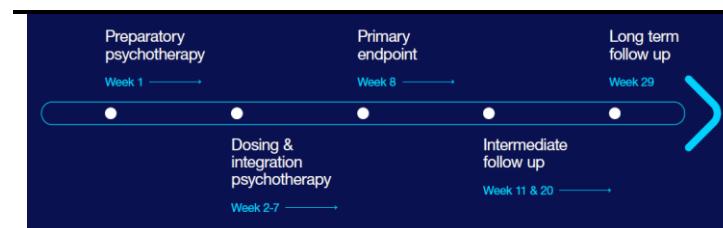
Source: Company Reports

Structured exit interviews showed that 57.6% of participants—rising to 78.6% in the low-dose arm—reported perceived improvement in their OSA, and 86.4% of those describing improvement considered the benefit meaningful to daily life, positioning IHL-42X well as it advances toward late-stage development.

PSX-001

PSX-001 is Incannex's psilocybin drug is designed for use with psychological therapy to treat people suffering from Generalized Anxiety Disorder (GAD) which is characterized by its diffuse, excessive, uncontrollable worry that is not restricted to any specific environmental circumstances. Treatment of GAD remains inadequate, with less than half of patients achieving remissions with currently accepted treatments. What makes Psi-GAD interesting is its use of psilocybin to facilitate access to fundamental causes of anxiety, and providing a remarkable opportunity for patients to make real and lasting changes via psychotherapy.

Exhibit 3: Psi-GAD2 Treatment Timeline



Source: Company Reports

Generalized Anxiety Disorder is a highly prevalent disorder, with an estimated 7 million people in the US and 1 million people in Australia having moderate to severe GAD. To study the effectiveness of PSX-001, the primary endpoint is change in HAM-A score from baseline to two weeks after the second dosing session. In the completed Australian TGA-regulated Phase 2 PsiGAD1 trial, PSX-001 achieved a mean 12.8-point reduction in HAM-A versus 3.6 points for placebo, with 44.1% of treated patients meeting a $\geq 50\%$ response threshold and 27% achieving remission (HAM-A ≤ 7), more than four- and five-fold higher than placebo, respectively. These gains were supported by statistically significant improvements across GAD-7, SDS, PHQ-9, and PWI, with durable benefit over an 11-week follow-up and no serious adverse events, and Incannex is now planning a multi-jurisdiction Phase 2 PsiGAD2 study in approximately 94 patients across U.S. and U.K. sites to further characterize efficacy and durability across two treatment arms.

The Company has reported statistically significant and clinically meaningful topline results from the PsiGAD1 Phase 2 proof-of-concept study of PSX-001, demonstrating robust, durable anxiety reduction across multiple validated scales with an excellent safety profile. Building on this foundation, Incannex is preparing to initiate the PsiGAD2 Phase 2 trial, a multi-jurisdiction study enrolling roughly 94 patients at sites in the U.S. and U.K. under an open IND, while also refining formulation and exploring strategic partnerships to accelerate development and broaden global access.

Exhibit 4: Psi-GAD Clinical Development Status



Source: Company Reports

IHL-675A

IHL-675A is a novel treatment designed to treat people suffering from inflammation, which is a major contributing factor to rheumatoid arthritis, with many patients not responding to current drug treatments. IHL-675A targets two components of the inflammatory pathway by combining two anti-inflammatory drugs, CBD and hydroxychloroquine sulfate (HCQ). Incannex has demonstrated that IHL-675A reduced disease severity in an animal model of rheumatoid arthritis to a greater extent than either CBD or hydroxychloroquine sulfate alone. HCQ and CBD seem to work synergistically to inhibit production of inflammatory cytokines.

The addressable market for this rheumatoid arthritis treatment is estimated at \$60.1B. The Company recently completed patient dosing in a Phase 2 clinical trial involving approximately 128 subjects and expects to report top-line data in the second half of 2025, with plans to pursue a larger Phase 2 study in the U.S.

Exhibit 5: IHL-675A Clinical Development Status



Source: Company Reports

Additional Assets

Additional assets include cannabinoid chewables designed to treat addiction. Incannex holds multiple patents for chewable cannabinoid-based drug candidates that also contain nicotine or opioid agonists and/or antagonists. Opioid use disorder has an estimated addressable market of \$4.59B, and the nicotine chewing gum market was \$5.2B in 2020.

The Company is also working to use a combination of CBD and CBG to treat dermatological conditions caused by disorders of the immune system that include vitiligo, psoriasis and atopic dermatitis, otherwise known as eczema. There is no topical cannabinoid products that have achieved regulatory approval for any skin condition, giving the Company access to the \$1.2B Vitiligo market, the \$26.4B psoriasis market, and the \$11.8B atopic dermatitis market. Patents are pending for compositions and methods of use for treatment of these skin conditions with the next steps being Phase 2 clinical trials in Australia.

Risks

As with any investment, there are certain risks associated with Incannex's operations as well as with the surrounding economic and regulatory environments common to the pharmaceutical industry.

- The Company has no history of net income, dividends, or cash flow and there can be no assurance that the Company will be profitable going forward. In the case that the Company cannot create enough revenue to sustain on-going business activities, the Company's most likely source of financing will be through the sale of existing securities or high-cost borrowing.
- Currently the Company has enough funds to sustain it through the foreseeable future and does not pose a going concern risk. We do however recognize that the Company will most likely need to raise more funds to sustain its operations until it begins revenue generation. Should the Company be unable to raise the necessary funds this would create a going concern risk.
- The Company is subject to regulatory risk as pharmaceutical activities are subject to laws and regulations imposed by local and state government authorities. Any future changes in the laws, regulations, agreements, or judicial rulings could impact the Company's potential portability.
- Should the Company bring any or all of its assets to market, there is no guarantee that a profitable market will exist for those treatments.

VALUATION SUMMARY

We use a probability-adjusted Discounted Cash Flow Model when valuing IXHL. Our valuation model returns a valuation range of \$1.32 to \$1.76 with a midpoint of \$1.50 based on a discount rate range of 12.50% to 17.25% and a current risk adjustment range of 13% to 18%. Key assumptions in this valuation include the tax incentive rate remaining at 43.5%, a current total market size of approximately 89.8B, a total market size CAGR of 5% over the foreseeable future, and a steadily increasing market capture percentage. Uncertainties that would have a significant impact on this model would be variances in the time to market for any of the three leading drug candidates which would impact the risk rating, the capital needs of IXHL going forward which would impact the shares outstanding, and any changes to market capture due to a number of variables that would influence the Company's revenue potential. We note that this model is highly levered to the out years due to the long term nature of IXHL's industry, leading to the potential for dramatic re-ratings as new information becomes available. Currently we believe the Company will begin revenue generation as early as FY27, with operating profitability beginning in FY31.

BALANCE SHEET

| Incannex Healthcare Inc. Consolidated Balance Sheets (\$M) Fiscal Year End: June | | | | | | | | | |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| ASSETS | FY 2022 | FY 2023 | FY 2024 | Q1 | Q2 | Q3 | Q4 | Q1 | |
| | | | | Sep-24 | Dec-24 | Mar-25 | Jun-25 | FY 2025 | Sep-25 |
| Cash and Cash Equivalents | 37.5 | 22.1 | 5.9 | 3.6 | 2.1 | 6.7 | 15.0 | 15.0 | 73.3 |
| Prepaid Expenses and Other Assets | 0.4 | 0.9 | 0.5 | 0.5 | 0.4 | 0.4 | 0.8 | 0.8 | 0.5 |
| R&D Tax Incentive Receivable | - | - | 9.8 | 11.1 | 1.4 | 7.1 | 4.1 | 4.1 | 4.5 |
| Assets pledged as security for short-term debt | - | - | - | - | 6.6 | 1.4 | - | - | - |
| Total Current Assets | 37.9 | 23.0 | 16.2 | 15.2 | 10.5 | 15.6 | 20.0 | 20.0 | 78.3 |
| Property, Plant, and Equipment, net | - | 0.3 | 0.5 | 0.4 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 |
| Operating Lease ROU Assets | - | 0.5 | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 |
| Other assets | - | - | - | - | - | - | - | - | 0.0 |
| Total Assets | 37.9 | 23.8 | 17.0 | 16.0 | 11.1 | 16.2 | 20.4 | 20.4 | 78.7 |
| LIABILITIES AND SHAREHOLDERS' EQUITY | | | | | | | | | |
| Trade and Other Payable | 2.0 | 1.7 | 0.6 | 1.6 | 0.8 | 1.1 | 6.1 | 6.1 | 1.3 |
| Accrued Expenses | - | 0.7 | 4.8 | 7.5 | 3.4 | 4.7 | 0.7 | 0.7 | 0.2 |
| Operating Lease Liabilities, Current | - | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 |
| Short-term debt | - | - | - | - | 1.4 | 1.4 | - | - | - |
| Total Current Liabilities | 2.0 | 2.6 | 5.6 | 9.2 | 5.8 | 7.4 | 7.0 | 7.0 | 1.6 |
| Operating Lease Liabilities, Non-Current | - | 0.4 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 |
| Long-term debt | - | - | - | - | 2.4 | - | - | - | - |
| Warrant liabilities | - | - | - | - | 1.3 | 1.3 | - | - | - |
| Convertible rights | - | - | - | - | 0.5 | - | - | - | - |
| Total Liabilities | 2.0 | 3.0 | 5.8 | 9.5 | 10.1 | 8.8 | 7.1 | 7.1 | 1.7 |
| Common Stock | - | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Preferred Stock | - | - | - | - | - | - | - | - | - |
| Additional Paid-In Capital | 94.7 | 116.3 | 125.2 | 125.7 | 126.4 | 136.8 | 174.0 | 174.0 | 243.8 |
| Accumulated Deficit | (58.8) | (92.2) | (110.7) | (116.1) | (122.0) | (126.0) | (157.6) | (157.6) | (164.0) |
| Foreign Currency Translation Reserve | - | (3.3) | (3.3) | (3.0) | (3.4) | (3.5) | (3.1) | (3.1) | (2.9) |
| Total Parent Net Equity | 35.9 | 20.8 | 11.2 | 6.6 | 1.0 | 7.4 | 13.4 | 13.4 | 77.0 |
| Total Liabilities and Shareholders' Equity | 37.9 | 23.8 | 17.0 | 16.0 | 11.1 | 16.2 | 20.4 | 20.4 | 78.7 |
| Liquidity | | | | | | | | | |
| Current Ratio | 18.8x | 9.0x | 2.9x | 1.6x | 1.8x | 2.1x | 2.9x | 2.9x | 47.5x |
| Quick Ratio | 0.0x | 0.7x | 0.8x | 0.8x | 0.6x | 0.5x | 0.5x | 0.5x | 0.3x |
| Working Capital | 35.87 | 20.45 | 10.58 | 5.98 | 4.66 | 8.26 | 12.98 | 12.98 | 76.65 |

Source: Company Reports, Stonegate Capital Partners

INCOME STATEMENT

Source: Company Reports, Stonegate Capital Partners estimates

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