# PiperJaffray.

# **Neothetics, Inc. (NEOT)**

## Overweight

## 4Q Update: Cash Runway Well into 2016; LIPO-202 Phase III Data On The Horizon

#### CONCLUSION

We are updating our model to reflect Neothetics' 4Q14 results. In our view, LIPO-202, NEOT's injectible form of salmeterol for the localized reduction of abdominal fat in non-obese individuals, will prove to be a valued addition to the vast and largely untapped market for non-invasive fat reduction (i.e., a relatively quick and painless procedure is likely to expand the pool of patients open to medical treatment of abdominal fat in our view). We continue to believe that the promising body of Phase II data on LIPO-202 points to a strong probability of success in its Phase III program. With U.S. sales potential of at least \$500M in our view, NEOT shares are trading at a highly attractive risk/reward profile in the context of a market cap of under \$125M. We reiterate our Overweight rating and \$20 PT.

- Cash runway well into 2016. Inclusive of net proceeds of approximately \$58M from the November 2014 initial public offering, NEOT finished 2014 with \$76M in cash. That said, given the amount of spend associated with the build-out of a U.S. sales infrastructure and spend associated with the U.S. commercial launch of LIPO-202, we expect at least one additional equity capital raise will be needed to enable NEOT to reach profitability.
- Risks surrounding LIPO-202 Phase III data manageable; data expected before year-end. We continue to believe that the strong body of data in Phase II clinical trials points to a strong probability of success in the Phase III program for LIPO-202. In the Phase II RESET trial in which 513 patients were randomized to LIPO-202 at three different doses or placebo, treatment with LIPO-202 at the 0.4 mcg dose resulted in a 1-point improvement in the Patient Global Abdominal Perception Scale (P-GAPS) and a 2-point improvement in the Clinician Photonumeric Scale (CPnS) in 16% of patients, versus 7% of placebo patients (p=0.043). Further, a significantly higher number of LIPO-202 patients (6%) versus placebo (<1%) showed a 2-point improvement on both P-GAPS and CPnS (p=0.024). Given the body of data, we believe that the risks surrounding the Phase III readout are manageable.
- FDA Advisory Committee decision on Kythera's ATX-101 can only be viewed as a positive for LIPO-202 in our view. We note that an FDA Advisory Committee recently supported approval of Kythera's ATX-101, an injectible formulation of deoxycholic acid for the treatment of submental fat (i.e., fat under the chin). Though this is a different treatment area, this is still nonetheless an aesthetic treatment setting involving fat reduction, broadly speaking. As such, we would view the FDA's support of another injectible aesthetic modality as a positive sign regarding the regulatory landscape for LIPO-202.

## RISKS TO ACHIEVEMENT OF PRICE TARGET

Risks include clinical and regulatory risks surrounding LIPO-202.

#### **COMPANY DESCRIPTION**

Neothetics is focused on next-generation body contouring treatments.

YEAR	REVENUE (US\$ m)						EARNINGS PER SHARE (US\$)						
YEAR	Mar	Jun	Sep	Dec	FY	FY	Mar	Jun	Sep	Dec	FY	FY P/E	
2014A	0.0	0.0	0.0	0.0	0.0	NA	(0.35)	(0.29)	(0.28)	(0.45)	(1.38)	NM	
2015E	0.0	0.0	0.0	0.0	0.0	NA	(1.18)	(0.68)	(0.69)	(0.69)	(3.24)	NM	
2016E	_	_	_	_	0.0	NA	_	_	_	_	(1.65)	NM	

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#### PRICE: US\$7.18 TARGET: US\$20.00

20x 2021E diluted EPS of \$4.18, disc. 30%

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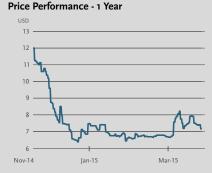
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Changes	Previous	Current
Rating	_	Overweight
Price Tgt	_	US\$20.00
FY15E Rev (mil)	_	US\$o.o
FY16E Rev (mil)	_	US\$o.o
FY15E EPS	US\$(3.23)	US\$(3.24)
FY16E EPS	_	US\$(1.65)
52-Week High / Low	US\$14	10 / US\$6.11
Shares Out (mil)		13.7
Market Cap. (mil)		US\$98.4
Avg Daily Vol (000)		40
Book Value/Share		US\$4.76
Net Cash Per Share		US\$5.55
Debt to Total Capital		0%
Div (ann)		US\$0.00
Fiscal Year End		Dec



Source: Bloomberg

Neothetics, Inc.

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#### Exhibit 1

## 4Q14: ACTUAL VS. PJC/STREET ESTIMATES FOR NEOT

\$ in millions, except per share	Actuals	PJC Estimates	Street Estimates <sup>(1)</sup>
Revenues LIPO-202 Other Revenue	\$0 \$0	\$0 \$0	
Total Revenues	\$0	\$0	\$0
COGS Research & development Selling, general and administrative	\$0.0 \$1.9 \$1.3	\$0.0 \$0.9 \$0.9	
Operating Income	(\$3.3)	(\$1.8)	
Income tax provision	\$0.0	\$0.0	
Adjusted Net Income Share Outstanding, diluted	(\$2.9) 6.5	(\$4.0) 11.5	
Non-GAAP EPS, diluted	(\$0.45)	(\$0.35)	(\$0.32)

(1) Consensus prior to 4Q14 earnings release

Source: Company reports and PJC estimates.

## Exhibit 2

## CALENDAR OF UPCOMING EVENTS FOR NEOT

Product / Program	Event	Expected Date
LIPO-202	Initiation of Phase III trials	2Q15
LIPO-202	Data from Phase III trials	End of 2015
LIPO-202	Potential NDA filing	2H16
LIPO-202	Potential commercial launch of LIPO-202	2H17

Source: Company reports and PJC estimates.

Neothetics, Inc.

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## Exhibit 3

## SUMMARY OF PJC ESTIMATES FOR NEOT

\$ in millions, except per share	201	5E	201	16E	201	17E	201	18E	201	19E	202	20E	202	21E
	Current	<u>Prior</u>	Current	<u>Prior</u>	Current	<u>Prior</u>								
Revenue														
LIPO-202	\$0.0	\$0.0	\$0.0	\$0.0	\$10.6	\$10.6	\$74.9	\$74.9	\$115.2	\$115.2	\$174.6	\$174.6	\$224.1	\$224.1
Other Revenue	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Total revenue	\$0.0	\$0.0	\$0.0	\$0.0	\$10.6	\$10.6	\$74.9	\$74.9	\$115.2	\$115.2	\$174.6	\$174.6	\$224.1	\$224.1
Consensus (1)	\$0.0		\$0.0											
Expenses														
cogs	\$0.0	\$0.0	\$0.0	\$0.0	\$5.3	\$5.3	\$18.7	\$18.7	\$23.0	\$23.0	\$26.2	\$26.2	\$22.4	\$22.4
Research & development	\$35.0	\$35.0	\$7.5	\$7.5	\$5.0	\$5.0	\$9.0	\$9.0	\$9.2	\$9.2	\$8.7	\$8.7	\$9.0	\$9.0
Selling, general, and administrative	\$5.5	\$5.5	\$12.0	\$12.0	\$30.0	\$30.0	\$74.9	\$74.9	\$86.4	\$86.4	\$96.0	\$96.0	\$100.8	\$100.8
Operating income	(\$40.5)	(\$40.5)	(\$19.5)	(\$19.5)	(\$29.7)	(\$29.7)	(\$27.7)	(\$27.7)	(\$3.5)	(\$3.5)	\$43.6	\$43.6	\$91.9	\$91.9
Income tax provision	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Adjusted Net Income	(\$44.5)	(\$44.5)	(\$23.5)	(\$23.5)	(\$31.7)	(\$31.7)	(\$28.7)	(\$28.7)	(\$4.5)	(\$4.5)	\$42.6	\$42.6	\$90.9	\$90.9
Share Outstanding, diluted	13.7	13.8	14.2	14.3	18.7	18.8	19.0	19.0	19.2	19.3	21.5	21.5	21.7	21.8
Non-GAAP EPS, diluted	(\$3.24)	(\$3.23)	(\$1.65)	(\$1.65)	(\$1.69)	(\$1.69)	(\$1.51)	(\$1.51)	(\$0.23)	(\$0.23)	\$1.98	\$1.98	\$4.18	\$4.17
Consensus (1)	(\$3.67)		(\$2.77)											

(1) Consensus is prior to 4Q14 earnings release

Source: Company reports and PJC estimates.

Neothetics, Inc.

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## **Neothetics - Quarterly and Annual Income Statement**

2015E

Fiscal Year Ends December 31					<b>,_</b>								
(\$ In millions, except for EPS)	2013A	2014A	1QE	2QE	3QE	4QE	2015E	2016E	2017E	2018E	2019E	2020E	2021E
Revenues													
LIPO-202 (U.S. only)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$10.6	\$74.9	\$115.2	\$174.6	\$224.1
Other revenue	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net Revenue	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$10.6	\$74.9	\$115.2	\$174.6	\$224.1
Total cost of sales	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	18.7	23.0	26.2	22.4
Gross Profit	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$5.3	\$56.1	\$92.2	\$148.4	\$201.7
Research & development	11.4	5.2	14.0	7.0	7.0	7.0	35.0	7.5	5.0	9.0	9.2	8.7	9.0
Selling, general & administrative	3.0	4.4	1.2	1.3	1.5	1.5	5.5	12.0	30.0	74.9	86.4	96.0	100.8
Other non-GAAP adjustments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total expenses	\$14.4	\$9.6	\$15.2	\$8.3	\$8.5	\$8.5	\$40.5	\$19.5	\$35.0	\$83.9	\$95.6	\$104.7	\$109.8
Operating Income	(\$14.4)	(\$9.6)	(\$15.2)	(\$8.3)	(\$8.5)	(\$8.5)	(\$40.5)	(\$19.5)	(\$29.7)	(\$27.7)	(\$3.5)	\$43.6	\$91.9
Other income (expense), net	(0.6)	(1.2)	(1.0)	(1.0)	(1.0)	(1.0)	(4.0)	(4.0)	(2.0)	(1.0)	(1.0)	(1.0)	(1.0)
Income (loss) before taxes	(\$15.0)	(\$10.8)	(\$16.2)	(\$9.3)	(\$9.5)	(\$9.5)	(\$44.5)	(\$23.5)	(\$31.7)	(\$28.7)	(\$4.5)	\$42.6	\$90.9
Provision (benefit) for income taxes	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other items, net of taxes	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Adjusted non-GAAP net income (loss)	(\$15.0)	(\$10.8)	(\$16.2)	(\$9.3)	(\$9.5)	(\$9.5)	(\$44.5)	(\$23.5)	(\$31.7)	(\$28.7)	(\$4.5)	\$42.6	\$90.9
Non-GAAP EPS, basic	(\$2.15)	(\$1.38)	(\$1.18)	(\$0.68)	(\$0.69)	(\$0.69)	(\$3.24)	(\$1.65)	(\$1.69)	(\$1.51)	(\$0.23)	\$2.19	\$4.60
Non-GAAP EPS, diluted	(\$2.15)	(\$1.38)	(\$1.18)	(\$0.68)	(\$0.69)	(\$0.69)	(\$3.24)	(\$1.65)	(\$1.69)	(\$1.51)	(\$0.23)	\$1.98	\$4.18
Shares outstanding, basic (1)	7.0	8.0	13.7	13.7	13.8	13.8	13.7	14.2	18.7	19.0	19.2	19.5	19.7
Shares outstanding, diluted (1)	7.0	8.0	13.7	13.7	13.8	13.8	13.7	14.2	18.7	19.0	19.2	21.5	21.7
Expenses (as % of revenue):													
COGS									50.0%	25.0%	20.0%	15.0%	10.0%
Research & development										12.0%	8.0%		4.0%
Selling, general & administrative										100.0%	75.0%	55.0%	45.0%
Income Tax										0.0%	0.0%	0.0%	0.0%
Margins:													
Gross margin										75.0%	80.0%	85.0%	90.0%
Operating margin												25.0%	41.0%
Net income												24.4%	40.6%
Y-O-Y Growth rates:													
Total revenue										607.0%	53.9%	51.5%	28.4%
R&D								(78.6%)	(33.3%)	79.7%	2.6%	(5.3%)	2.7%
Selling, distribution and marketing								118.2%	150.0%	149.6%	15.4%	11.1%	5.0%
Operating profit													110.5%
Net income													113.1%

<sup>(1)</sup> Reflects dilution from assumed additional capital raises in late 2016 and in 2017

Proprietary to Piper Jaffray & Co. March 26, 2015

NEOT: David Amsellem; 212.284.9455

Current disclosure information for this company can be found at http://www.piperjaffray.com/researchdisclosures

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**Neothetics - Annual Cash Flow Statement** 

(\$ in millions)

	2012A	2013A	2014A	2015E	2016E	2017E	2018E	2019E	2020E	2021
Beginning Cash & Equivalents	\$5.8	\$11.1	\$4.4	\$75.9	\$33.0	\$67.9	\$59.7	\$32.4	\$29.4	\$73.4
Onematicum Australaine										
Operating Activities	(#7.0)	(D4 F O)	(040.0)	(0.4.4.5)	(\$00 F)	(004.7)	(AOO 7)	(A.F)	<b>#</b> 40.0	<b>#</b> 00.0
Net Income (Loss), GAAP	(\$7.8)	(\$15.0)	(\$10.8)	(\$44.5)	(\$23.5)	(\$31.7)	(\$28.7)	(\$4.5)	\$42.6	\$90.9
Depreciation & Amortization	\$0.1	\$0.1	\$0.0	\$0.2	\$0.2	\$0.2	\$0.2	\$0.2	\$0.2	\$0.2
Other	\$2.0	\$3.4	\$0.9	(\$2.0)	(\$2.0)	(\$2.0)	(\$2.0)	(\$2.0)	(\$2.0)	(\$2.0
Stock-based Compensation	\$0.1	\$0.1	\$0.6	\$0.5	\$0.5	\$0.5	\$0.5	\$0.5	\$0.5	\$0.5
Net Change in Assets and Liabilities	(\$1.8)	(\$1.4)	(\$0.3)	\$0.0	(\$0.0)	(\$0.0)	(\$0.1)	(\$0.1)	(\$0.2)	(\$0.2
Cash From Operations	(\$7.4)	(\$12.9)	(\$9.6)	(\$45.8)	(\$24.8)	(\$33.0)	(\$30.1)	(\$5.9)	\$41.2	\$89.3
Investing Activities										
Capital Expenditures	\$0.0	(\$0.0)	(\$0.0)	(\$0.2)	(\$0.2)	(\$0.2)	(\$0.2)	(\$0.2)	(\$0.2)	(\$0.2
Other Investment	\$0.0	\$0.1	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Cash From Investing Activities	\$0.0	\$0.1	(\$0.0)	(\$0.2)	(\$0.2)	(\$0.2)	(\$0.2)	(\$0.2)	(\$0.2)	(\$0.2
Financing Activities										
Debt Issuance	<b>¢</b> 2.2	\$0.0	¢10.0	<b>PO 0</b>	<b>¢</b> 0.0	<b>60 0</b>	<b>60 0</b>	<b>ድ</b> ስ ስ	<b>¢</b> 0.0	<b>የ</b> ስ ስ
	\$3.3	•	\$10.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Repayments	(\$0.8)	(\$0.4)	(\$0.2)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Dividends	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Share Repurchases	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Stock and Option Issuances	\$10.2	\$6.5	\$71.4	\$3.0	\$60.0	\$25.0	\$3.0	\$3.0	\$3.0	\$3.0
Other, Net	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Cash From Financing Activities	\$12.7	\$6.1	\$81.2	\$3.0	\$60.0	\$25.0	\$3.0	\$3.0	\$3.0	\$3.0
Currency Translation Differences	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Net Change In Cash	\$5.3	(\$6.7)	\$71.6	(\$43.0)	\$35.0	(\$8.2)	(\$27.3)	(\$3.1)	\$44.0	\$92.1
Year End Cash & Equivalents	\$11.1	\$4.4	\$75.9	\$33.0	\$67.9	\$59.7	\$32.4	\$29.4	\$73.4	\$165.5

Proprietary to Piper Jaffray & Co. March 26, 2015

NEOT: David Amsellem 212.284.9455

Neothetics, Inc.

**Neothetics - Annual Balance Sheet** 

(\$ in millions)

	2012A	2013A	2014A	2015E	2016E	2017E	2018E	2019E	2020E	2021
Current Assets										
Cash & Equivalents	\$11.1	\$4.4	\$75.9	\$33.0	\$67.9	\$59.7	\$32.4	\$29.4	\$73.4	\$165.5
Prepaid expenses and other	\$1.5	\$0.1	\$0.9	\$1.1	\$1.3	\$1.6	\$1.9	\$2.3	\$2.8	\$3.3
Total Current Assets	\$12.6	\$4.5	\$76.9	\$34.1	\$69.3	\$61.3	\$34.4	\$31.7	\$76.1	\$168.8
Property, Plant & Equipment, Net	\$0.2	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Restricted cash	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Total Assets	\$12.8	\$4.5	\$76.9	\$34.1	\$69.3	\$61.3	\$34.4	\$31.7	\$76.1	\$168.9
Liabilities & Equity										
Current Liabilities	\$1.9	\$1.5	\$1.9	\$2.1	\$2.3	\$2.5	\$2.8	\$3.1	\$3.4	\$3.7
Total Debt	\$0.0	\$0.0	\$9.7	\$9.7	\$9.7	\$9.7	\$9.7	\$9.7	\$9.7	\$9.7
Preferred stock	\$52.7	\$59.7	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Equity	(\$41.8)	(\$56.7)	\$65.2	\$22.2	\$57.2	\$49.0	\$21.8	\$18.9	\$63.0	\$155.4
Total Liabilities & Equity	\$12.8	\$4.5	\$76.9	\$34.1	\$69.3	\$61.3	\$34.4	\$31.7	\$76.1	\$168.9

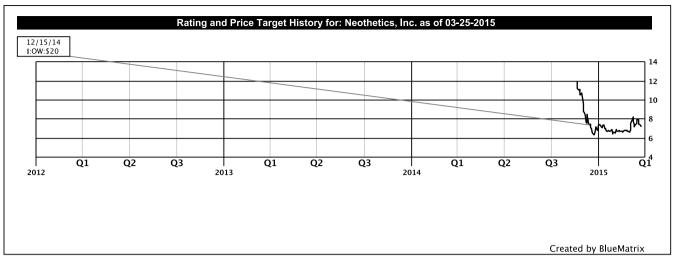
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Neothetics, Inc.

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### IMPORTANT RESEARCH DISCLOSURES



Notes: The boxes on the Rating and Price Target History chart above indicate the date of the Research Note, the rating, and the price target. Each box represents a date on which an analyst made a change to a rating or price target, except for the first box, which may only represent the first Note written during the past three years.

Legend:

I: Initiating Coverage

R: Resuming Coverage

T: Transferring Coverage

D: Discontinuing Coverage

S: Suspending Coverage

OW: Overweight

N: Neutral

UW: Underweight NA: Not Available UR: Under Review

	Distribution of Ratings/IB Ser Piper Jaffray	vices		
			IB Serv.	/Past 12 Mos.
Rating	Count	Percent	Count	Percent
BUY [OW]	371	59.84	102	27.49
HOLD [N]	234	37.74	18	7.69
SELL [UW]	15	2.42	0	0.00

Note: Distribution of Ratings/IB Services shows the number of companies currently in each rating category from which Piper Jaffray and its affiliates received compensation for investment banking services within the past 12 months. FINRA rules require disclosure of which ratings most closely correspond with "buy," "hold," and "sell" recommendations. Piper Jaffray ratings are not the equivalent of buy, hold or sell, but instead represent recommended relative weightings. Nevertheless, Overweight corresponds most closely with buy, Neutral with hold and Underweight with sell. See Stock Rating definitions below.

Analyst Certification — David Amsellem, Sr. Research Analyst

- Traver A. Davis, CFA, Research Analyst

- Michael C. Chang, Research Analyst

The views expressed in this report accurately reflect my personal views about the subject company and the subject security. In addition, no part of my compensation was, is, or will be directly or indirectly related to the specific recommendations or views contained in this report.

Neothetics, Inc.

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#### Research Disclosures

Piper Jaffray was making a market in the securities of Neothetics, Inc. at the time this research report was published. Piper Jaffray will buy and sell Neothetics, Inc. securities on a principal basis.

Piper Jaffray expects to receive or intends to seek compensation for investment banking services from Neothetics, Inc. in the next 3 months.

Piper Jaffray has received compensation for investment banking services from or has had a client relationship with Neothetics, Inc. within the past 12 months.

Within the past 12 months Piper Jaffray was a managing underwriter of a public offering of, or dealer manager of a tender offer for, the securities of Neothetics, Inc. or the securities of an affiliate.

Piper Jaffray beneficially owns 1% or more of a class of common equity securities of Neothetics, Inc..

Within the past 3 years Piper Jaffray participated in a public offering of, or acted as a dealer manager for, Neothetics, Inc. securities.

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