

Intellia Therapeutics

2024 direction clear with pivotal trials on deck: Thoughts post the 4Q23 call

Reiterate Rating: BUY | PO: 80.00 USD | Price: 26.77 USD

Looking to maintain velocity with MAGNITUDE dosing

Intellia presented an encouraging 4Q23 update as the company remains on track with clinical development timelines outlined earlier this year (see report), with focus on the dosing initiation of the phase 3 MAGNITUDE trial in ATTR-CM (1Q24). We also look for progress towards a pivotal trial initiation of NTLA-2002 in HAE (2H24) to bring the initial clinical programs towards approval. With data expected from both '2001 and '2002 programs in 2024, we look for additional updates to build upon positive clinical data (see report) and further support the late stage clinical development. As the company prepares to bring gene editing product to market using multiple strategies including the initial gene insertion program, NTLA-3001 (dosing 2024), we think Intellia's early stage progress highlights the broad applications of Intellia's gene editing based platform. Given the ongoing clinical programs showcasing the gene editing based platform we maintain Buy, PO \$80.

Clinical programs approach pivotal validation

With the dosing initiation of MAGNITUDE expected in 1Q and HAE pivotal trial initiating in 2H24, we look for Intellia to remain on track to bring '2001 and '2002 towards pivotal data and eventual approval. We model a 2027 launch for NTLA-2001 and risk-adj. peak sales of \$619 in ATTR-PN (75% PoS) and \$3.6B in ATTR-CM (60% PoS). We model a 2026 launch of NTLA-2002 and risk-adj. peak sales of \$664M (60% PoS).

Collaborations drive early stage progress

We look for continued updates from research collaborations including the recently announced collaboration with ReCode to develop genomic medicines for the treatment of cystic fibrosis. We also think the Regeneron research extension, which will give Intellia a \$30M payment in April 2024, is an opportunity for continued innovation in neurological and muscular diseases. With the recent IND clearance, we also look for future updates from the hemophilia program in collaboration with Regeneron and initiation of the phase 1 trial in mid-24.

Model Updates

We update our model for 4Q23 reporting, resulting in 2024E EPS of -\$5.53 and 2025E EPS of -\$5.66 (from -\$5.67). Intellia has \$1B in cash and cash equivalents and a cash runway into mid-26.

See our catalyst calendar below (Exhibit 1):

Estimates (Dec) (US\$)	2022A	2023A	2024E	2025E	2026E
EPS	(6.37)	(5.42)	(5.53)	(5.66)	(5.32)
EPS Change (YoY)	-68.5%	14.9%	-2.0%	-2.4%	6.0%
Consensus EPS (Bloomberg)			(5.76)	(5.99)	(5.92)
DPS	0	0	0	0	0
Valuation (Dec)					
Free Cash Flow Yield*	-14.5%	-16.3%	-18.6%	-21.2%	-21.4%
* For full definitions of <i>iQ</i> method ^{≤M} measures, see page 5.					

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Refer to important disclosures on page 6 to 8. Analyst Certification on page 4. Price
Objective Basis/Risk on page 4.

Timestamp: 22 February 2024 01:01PM EST

22 February 2024

Equity

Key Changes		
(US\$)	Previous	Current
2024E Rev (m)	52.9	52.8
2025E Rev (m)	55.5	55.4
2025E EPS	-5.67	-5.66
	(US\$) 2024E Rev (m) 2025E Rev (m)	(US\$) Previous 2024E Rev (m) 52.9 2025E Rev (m) 55.5

Greg Harrison, CFA Research Analyst BofAS +1 646 855 1476

+1 646 855 1476 gregory.harrison@bofa.com

Mary Kate Davis Research Analyst BofAS +1 646 855 1778 mary.k.davis@bofa.com

Stock Data

Price	26.77 USD
Price Objective	80.00 USD
Date Established	12-Nov-2023
Investment Opinion	C-1-9
52-Week Range	22.67 USD - 47.48 USD
Mrkt Val (mn) / Shares Out	2,397 USD / 89.6
(mn)	
Free Float	94.4%
Average Daily Value (mn)	40.69 USD
BofA Ticker / Exchange	NTLA / NAS
Bloomberg / Reuters	NTLA US / NTLA.OQ
ROE (2024E)	-55.5%
Net Dbt to Eqty (Dec-2023A)	-34.0%
ESGMeter™	Low

ESGMeter is not indicative of a company's future stock price performance and is not an investment recommendation or rating. ESGMeter is independent of BofA Global Research's equity investment rating, volatility risk rating, income rating, and price objective for that company. For full details, refer to "BofA ESGMeter Methodology".

ATTR-CM: transthyretin amyloidosis cardiomyopathy

HAE: hereditary angioedema

IND: investigational new drug application

ATTR-PN: transthyretin amyloidosis polyneuropathy

iQprofile[™] Intellia Therapeutics

<i>iQ</i> method [™] – Bus Performance*					
(US\$ Millions)	2022A	2023A	2024E	2025E	2026E
Return on Capital Employed	-31.3%	-32.7%	-42.3%	-51.0%	-62.9%
Return on Equity	-41.7%	-43.4%	-55.5%	-67.7%	-87.5%
Operating Margin	-879.0%	-1,420.6%	-1,095.8%	-1,164.5%	-423.2%
Free Cash Flow	(347)	(390)	(445)	(509)	(512)

*iQ*method SM − Quality of Earnings*

(US\$ Millions)	2022A	2023A	2024E	2025E	2026E
Cash Realization Ratio	NM	NM	NM	NM	NM
Asset Replacement Ratio	1.8x	1.8x	1.8x	1.8x	1.8x
Tax Rate	NM	NM	NM	NM	NM
Net Debt-to-Equity Ratio	-31.8%	-34.0%	-52.7%	-68.3%	-49.6%
Interest Cover	NA	NA	NA	NA	NA

Income Statement Data (Dec)

(US\$ Millions)	2022A	2023A	2024E	2025E	2026E
Sales	52	36	53	55	151
% Change	57.7%	-30.4%	45.6%	5.0%	172.9%
Gross Profit	52	36	53	80	166
% Change	57.7%	-30.4%	45.6%	52.5%	106.4%
EBITDA	(451)	(508)	(569)	(634)	(627)
% Change	-72.7%	-12.7%	-12.1%	-11.4%	1.2%
Net Interest & Other Income	(3)	34	40	39	33
Net Income (Adjusted)	(474)	(481)	(539)	(607)	(607)
% Change	-77.0%	-1.5%	-11.9%	-12.6%	0%

Free Cash Flow Data (Dec)

(US\$ Millions)	2022A	2023A	2024E	2025E	2026E
Net Income from Cont Operations (GAAP)	(474)	(481)	(539)	(607)	(607)
Depreciation & Amortization	8	8	9	11	14
Change in Working Capital	(54)	2	0	1	(6)
Deferred Taxation Charge	NA	NA	NA	NA	NA
Other Adjustments, Net	187	96	101	106	111
Capital Expenditure	(14)	(14)	(16)	(20)	(24)
Free Cash Flow	-347	-390	-445	-509	-512
% Change	-45.9%	-12.3%	-14.3%	-14.3%	-0.7%
Share / Issue Repurchase	568	103	403	353	203
Cost of Dividends Paid	0	0	0	0	0
Change in Debt	0	0	0	0	0

Balance Sheet Data (Dec)

(US\$ Millions)	2022A	2023A	2024E	2025E	2026E
Cash & Equivalents	524	464	637	698	407
Trade Receivables	4	3	4	4	11
Other Current Assets	690	491	294	97	101
Property, Plant & Equipment	28	34	41	50	61
Other Non-Current Assets	275	279	285	291	298
Total Assets	1,520	1,270	1,262	1,140	877
Short-Term Debt	17	17	17	17	17
Other Current Liabilities	110	115	126	135	146
Long-Term Debt	114	114	114	114	114
Other Non-Current Liabilities	44	44	44	44	44
Total Liabilities	285	290	300	309	321
Total Equity	1,236	980	962	831	556
Total Equity & Liabilities	1,520	1,270	1,262	1,140	877

^{*} For full definitions of $\emph{\textbf{IQ}}\textit{method}^{\text{SM}}$ measures, see page 5.

Company Sector

Biotechnology

Company Description

Intellia is a clinical stage biotechnology company developing CRISPR/cas based gene editing products for both in vivo and ex vivo applications. The company's lead program, NTLA-2001, is currently in a phase 1/2 trial in ATTR amyloidosis both CM and PN which is in partnership with Regeneron. The company is also developing an in vivo therapy for HAE (phase 1) along with other preclinical programs. The company also has multiple ex vivo programs including a TCR-T therapy in AML and a SCD treatment.

Investment Rationale

We rate Intellia as a Buy based on the NTLA-2001 program in ATTR and NTLA-2002 program in HAE which both are currently in clinical stage, and the potential development of other pipeline programs and expansion into other indications with the CRISPR/cas editing technology.

Stock Data

Average Daily Volume 1,520,123

Quarterly Earnings Estimates

	2023	2024
Q1	-1.17A	-1.39E
Q2	-1.40A	-1.38E
Q3	-1.38A	-1.36E
Q4	-1.46A	-1.35E



Exhibit 1: Intellia Catalyst CalendarWe look for dosing updates from the MAGNITUDE trial including the first patient dosing in 1Q24.

Compan	y Asset	Indication	Event	Timing	Importance
Intellia	NTLA-2001	ATTR-CM	Dose patient in phase 3 trial	1Q24	Moderate
Intellia	NTLA-2001	ATTR	Present updated phase 1 data	2024	High
Intellia	NTLA-2002	HAE	Initiate a global pivotal phase 3 trial	I 2H24	Moderate
Intellia	NTLA-2002	HAE	Present phase 1/2 data	2024	High
Intellia	NTLA-3001	AATD lung disease	Dose patient in phase 1 trial	2024	Low
Intellia	HemeB product	HemeB	Phase 1 study initiation	mid-24	Low

Source: BofA Global Research, company reports

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Price objective basis & risk

Intellia Therapeutics (NTLA)

Our \$80 share price objective is based on a probability adjusted (60-75%) net present value (NPV) analysis of NTLA-2001 in ATTR (\$50/share), NTLA-2002 in HAE (\$12/share), platform value (\$8/share) and net cash (\$10/share). We use a weighted average cost of capital (WACC) of 15% similar to other clinical-stage companies in our coverage universe and a -2% terminal growth rate.

Downside risks: unexpected safety signals, clinical trial failures, and strong data from competitors.

Analyst Certification

I, Greg Harrison, CFA, hereby certify that the views expressed in this research report accurately reflect my personal views about the subject securities and issuers. I also certify that no part of my compensation was, is, or will be, directly or indirectly, related to the specific recommendations or view expressed in this research report.

US - Biopharmaceuticals Coverage Cluster

Investment rating	Company	BofA Ticker	Bloomberg symbol	Analyst
BUY				
	89bio, Inc	ETNB	ETNB US	Geoff Meacham
	Acumen Pharma	ABOS	ABOS US	Geoff Meacham
	Agios Pharmaceuticals	AGIO	AGIO US	Greg Harrison, CFA
	Amylyx Pharmaceuticals	AMLX	AMLX US	Geoff Meacham
	BioMarin	BMRN	BMRN US	Geoff Meacham
	BioXcel Therapeutics	BTAI	BTAI US	Greg Harrison, CFA
	BridgeBio Pharma	BBIO	BBIO US	Greg Harrison, CFA
	Caribou	CRBU	CRBU US	Geoff Meacham
	CRISPR Therapeutics	CRSP	CRSP US	Geoff Meacham
	Eli Lilly and Company	LLY	LLY US	Geoff Meacham
	Gilead Sciences Inc.	GILD	GILD US	Geoff Meacham
	HUTCHMED	HCM	HCM US	Alec W. Stranahan
	Immatics	IMTX	IMTX US	Alec W. Stranahan
	Insmed Incorporated	INSM	INSM US	Jason Zemansky
	Intellia Therapeutics	NTLA	NTLA US	Greg Harrison, CFA
	Janux Therapeutics	JANX	JANX US	Alec W. Stranahan
	Keros	KROS	KROS US	Greg Harrison, CFA
	Kiniksa Pharmaceuticals, Ltd.	KNSA	KNSA US	Geoff Meacham
	Krystal Biotech	KRYS	KRYS US	Alec W. Stranahan
	Kura Oncology	KURA	KURA US	Jason Zemansky
	Liquidia Corporation	LQDA	LQDA US	Greg Harrison, CFA
	Lyell Immunopharma	LYEL	LYEL US	Geoff Meacham
	MeiraGTx	MGTX	MGTX US	Alec W. Stranahan
	Merck & Co.	MRK	MRK US	Geoff Meacham
	Mineralys Therapeutics	MLYS	MLYS US	Greg Harrison, CFA
	Neumora Therapeutics	NMRA	NMRA US	Geoff Meacham
	Rani Therapeutics	RANI	RANI US	Geoff Meacham
	Regenxbio, Inc.	RGNX	RGNX US	Alec W. Stranahan
	Revolution Medicines	RVMD	RVMD US	Alec W. Stranahan
	Rocket Pharmaceuticals, Inc.	RCKT	RCKT US	Greg Harrison, CFA
	Royalty Pharma	RPRX	RPRX US	Geoff Meacham
	Sana Biotechnology	SANA	SANA US	Geoff Meacham
	SpringWorks	SWTX	SWTX US	Alec W. Stranahan
	Syndax Pharmaceuticals	SNDX	SNDX US	Jason Zemansky
	Travere Therapeutics Inc	TVTX	TVTX US	Greg Harrison, CFA
	Turnstone Biologics	TSBX	TSBX US	Geoff Meacham
	Vertex Pharmaceuticals Inc.	VRTX	VRTX US	Geoff Meacham
	Werewolf Therapeutics	HOWL	HOWL US	Jason Zemansky
	Xencor	XNCR	XNCR US	Alec W. Stranahan

US - Biopharmaceuticals Coverage Cluster

Investment rating	Company	BofA Ticker	Bloomberg symbol	Analyst
NEUTRAL				
	AbbVie	ABBV	ABBV US	Geoff Meacham
	Alector, Inc	ALEC	ALEC US	Greg Harrison, CFA
	Amgen Inc.	AMGN	AMGN US	Geoff Meacham
	Arcus Biosciences	RCUS	RCUS US	Jason Zemansky
	Beam Therapeutics	BEAM	BEAM US	Greg Harrison, CFA
	Biogen Inc.	BIIB	BIIB US	Geoff Meacham
	Bristol-Myers Squibb	BMY	BMY US	Geoff Meacham
	Cytokinetics, Incorporated	CYTK	CYTK US	Jason Zemansky
	Editas Medicine	EDIT	EDIT US	Greg Harrison, CFA
	Erasca	ERAS	ERAS US	Alec W. Stranahan
	Esperion	ESPR	ESPR US	Jason Zemansky
	Exscientia	EXAI	EXAI US	Alec W. Stranahan
	IGM Biosciences	IGMS	IGMS US	Greg Harrison, CFA
	Johnson & Johnson	JNJ	JNJ US	Geoff Meacham
	Kymera Therapeutics	KYMR	KYMR US	Geoff Meacham
	Moderna	MRNA	MRNA US	Geoff Meacham
	Pfizer	PFE	PFE US	Geoff Meacham
	Recursion Pharmaceuticals, Inc.	RXRX	RXRX US	Alec W. Stranahan
	Tyra Biosciences	TYRA	TYRA US	Greg Harrison, CFA
	Vir	VIR	VIR US	Alec W. Stranahan
	Y-mAbs Therapeutics, Inc	YMAB	YMAB US	Alec W. Stranahan
UNDERPERFORM				
	AlloVir, Inc.	ALVR	ALVR US	Jason Zemansky
	CureVac	CVAC	CVAC US	Geoff Meacham
	Day One Biopharmaceuticals	DAWN	DAWN US	Alec W. Stranahan
	Novavax	NVAX	NVAX US	Alec W. Stranahan
	Regeneron Pharmaceuticals Inc.	REGN	REGN US	Geoff Meacham
	Reneo Pharmaceuticals	RPHM	RPHM US	Jason Zemansky
	TG Therapeutics	TGTX	TGTX US	Alec W. Stranahan
	United Therapeutics Corporation	UTHR	UTHR US	Greg Harrison, CFA

IQmethod[™] Measures Definitions

flow statements for companies covered by BofA Global Research.

Business Performance	Numerator	Denominator
Return On Capital Employed	NOPAT = (EBIT + Interest Income) × (1 - Tax Rate) + Goodwill Amortization	Total Assets - Current Liabilities + ST Debt + Accumulated Goodwill
		Amortization
Return On Equity	Net Income	Shareholders' Equity
Operating Margin	Operating Profit	Sales
Earnings Growth	Expected 5 Year CAGR From Latest Actual	N/A
Free Cash Flow	Cash Flow From Operations – Total Capex	N/A
Quality of Earnings	Numerator	Denominator
Cash Realization Ratio	Cash Flow From Operations	Net Income
Asset Replacement Ratio	Capex	Depreciation
Tax Rate	Tax Charge	Pre-Tax Income
Net Debt-To-Equity Ratio	Net Debt = Total Debt - Cash & Equivalents	Total Equity
Interest Cover	EBIT	Interest Expense
Valuation Toolkit	Numerator	Denominator
Price / Earnings Ratio	Current Share Price	Diluted Earnings Per Share (Basis As Specified)
Price / Book Value	Current Share Price	Shareholders' Equity / Current Basic Shares
Dividend Yield	Annualised Declared Cash Dividend	Current Share Price
Free Cash Flow Yield	Cash Flow From Operations — Total Capex	Market Cap = Current Share Price × Current Basic Shares
Enterprise Value / Sales	EV = Current Share Price × Current Shares + Minority Equity + Net Debt +	Sales
	Other LT Liabilities	
EV / EBITDA	Enterprise Value	Basic EBIT + Depreciation + Amortization

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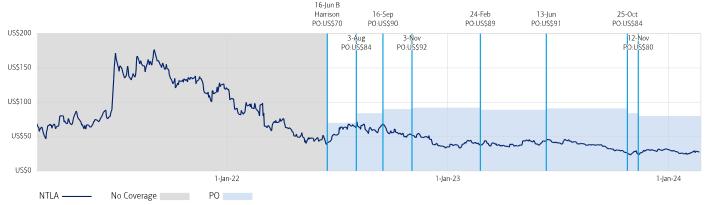
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Disclosures

Important Disclosures

Intellia (NTLA) Price Chart



B: Buy, N: Neutral, U: Underperform, PO: Price Objective, NA: No longer valid, NR: No Rating

The Investment Opinion System is contained at the end of the report under the heading "Fundamental Equity Opinion Key". Dark grey shading indicates the security is restricted with the opinion suspended. Medium grey shading indicates the security is under review with the opinion withdrawn. Light grey shading indicates the security is not covered. Chart is current as of a date no more than one trading day prior to the date of the report.

Equity Investment Rating Distribution: Health Care Group (as of 31 Dec 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships R1	Count	Percent
Buy	234	60.94%	Buy	115	49.15%
Hold	80	20.83%	Hold	36	45.00%
Sell	70	18.23%	Sell	29	41.43%

Equity Investment Rating Distribution: Global Group (as of 31 Dec 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships R1	Count	Percent
Buy	1895	53.62%	Buy	1083	57.15%
Hold	832	23.54%	Hold	454	54.57%
Sell	807	22.84%	Sell	383	47.46%

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Investment rating Total return expectation (within 12-month period of date of initial rating) Ratings dispersion guidelines for coverage cluster^{R2}

Buy	≥ 10%	≤ /0%
Neutral	≥ 0%	≤ 30%
nderperform	N/A	≥ 20%

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