

TG Therapeutics

Putting the "um" in Briumvi: KOL survey insights

Maintain Rating: UNDERPERFORM | PO: 7.00 USD | Price: 15.18 USD

One year into Briumvi commercialization, we once again conduct a MS prescriber survey (n=40, representing >5,500 new MS patients each year) to gauge current uptake, sentiment, and projections in the clinic. Below are the results:

10% say Briumvi is first-choice, 15% say it's the top CD20

When choosing a therapy from all that is available, we see 10% of the prescribers we surveyed as favoring Briumvi. When compared to other anti-CD20s, 15% of the prescribers surveyed choose Briumvi as the top among the drug class. That said, while we think the numbers are consistent with the 9% peak share in our model, we do note it is nowhere near the popularity of Ocrevus (35% say it's their first choice, 52% say it's the best anti-CD20). We therefore see more wood to chop for the new-comer to compete with Ocrevus; maintain Underperform and \$7 PO.

Pro-Briumvi KOLs treat smaller patient population

The pro-Briumvi prescribers in our survey see a fewer number of new patients (~60 on average per year) versus pro-Ocrevus prescribers tending to treat at much larger centers (~145 new patients on average per year). If we adjust by weighting for a prescriber's total patients treated, our survey suggests only 4% (drop from 10%) of patients would be put on Briumvi versus 36% of patients being put on Ocrevus. Similarly, weighting by clinic size also yields 10% (drop from 15%) favoring Briumvi and 72% (up from 52%) favoring Ocrevus as best-in-class. That said, while this kind of analysis is informative, we do caveat the relatively small sample size when extrapolating to bigger picture.

More choose Ocrevus over Briumvi, switches very unlikely

Overall KOL consensus remains consistent: 60% have a preference for Ocrevus versus Briumvi, switches from Ocrevus, Kesimpta or other therapy is unlikely to happen with 70%/72%/84% answering "no" when asked about intention to switch. Like expected, we see MS patients stickiness to their current treatment a hurdle for Briumvi uptake. Our survey also suggests an average Briumvi treatment duration of ~21.5 months before considering switching to another therapy. While this is likely on the lower end of current street expectations, our prior KOL checks suggest patients will remain on therapy for as long as they are in response.

Estimates (Dec) (US\$)	2021A	2022A	2023E	2024E	2025E
EPS	(2.63)	(1.46)	0.11	0.12	0.47
EPS Change (YoY)	-8.7%	44.5%	NM	9.1%	291.7%
Consensus EPS (Bloomberg)			0.11	(0.11)	0.45
DPS	0	0	0	0	0
Valuation (Dec)					
P/E	NM	NM	138.0x	126.5x	32.3x
EV / EBITDA*	NM	NM	92.1x	75.2x	26.9x
Free Cash Flow Yield*	-12.9%	-7.7%	-1.4%	1.2%	4.0%
* For full definitions of <i>IQ</i> method ^{≤M} measures, see page 9.					

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Refer to important disclosures on page 10 to 12. Analyst Certification on page 7. Price
Objective Basis/Risk on page 7.

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Equity

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Stock Data

Price	15.18 USD
Price Objective	7.00 USD
Date Established	5-Jan-2024
Investment Opinion	C-3-9
52-Week Range	6.46 USD - 35.67 USD
Mrkt Val (mn) / Shares Out	2,298 USD / 151.4
(mn)	
Free Float	90.9%
Average Daily Value (mn)	83.23 USD
BofA Ticker / Exchange	TGTX / NAS
Bloomberg / Reuters	TGTX US / TGTX.OQ
ROE (2023E)	15.9%
Net Dbt to Eqty (Dec-2022A)	-32.8%
ESGMeter™	Medium

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".

Abbreviations:

KOL: Key opinion leader **MS:** Multiple sclerosis

CD20: Cluster of differentiate 20

iQprofile[™]TG Therapeutics

iQmethod ^{3™} – Bus Performance*					
(US\$ Millions)	2021A	2022A	2023E	2024E	2025E
Return on Capital Employed	-70.6%	-75.7%	12.9%	12.9%	28.0%
Return on Equity	-92.0%	-134.0%	15.9%	11.9%	33.0%
Operating Margin	-5,154.3%	-6,924.2%	9.8%	10.9%	24.1%
Free Cash Flow	(296)	(176)	(33)	29	93

iQ method SM – Quality of Earnings*

(US\$ Millions)	2021A	2022A	2023E	2024E	2025E
Cash Realization Ratio	NM	NM	-2.0x	1.5x	1.2x
Asset Replacement Ratio	0.2x	Ox	0.8x	1.0x	1.2x
Tax Rate	NM	NM	NM	NM	NM
Net Debt-to-Equity Ratio	-92.7%	-32.8%	-39.0%	-33.5%	-42.9%
Interest Cover	NM	-18.9x	1.7x	1.9x	6.0x

Income Statement Data (Dec)

(US\$ Millions)	2021A	2022A	2023E	2024E	2025E
Sales	7	3	237	263	340
% Change	4,300.7%	-58.4%	8,417.0%	11.0%	29.1%
Gross Profit	6	3	224	237	301
% Change	NM	-57.3%	NM	5.7%	26.9%
EBITDA	(343)	(191)	24	30	83
% Change	-25.8%	44.3%	NM	22.5%	179.3%
Net Interest & Other Income	(3)	(5)	(7)	(10)	(9)
Net Income (Adjusted)	(348)	(198)	16	19	76
% Change	-24.6%	43.0%	NM	20.4%	291.5%

Free Cash Flow Data (Dec)

(US\$ Millions)	2021A	2022A	2023E	2024E	2025E
Net Income from Cont Operations (GAAP)	(348)	(198)	16	19	76
Depreciation & Amortization	2	2	1	1	1
Change in Working Capital	(12)	(2)	(68)	(10)	(2)
Deferred Taxation Charge	NA	NA	NA	NA	NA
Other Adjustments, Net	63	22	19	19	19
Capital Expenditure	0	0	(1)	(1)	(1)
Free Cash Flow	-296	-176	-33	29	93
% Change	-37.8%	40.5%	81.3%	NM	224.5%
Share / Issue Repurchase	2	1	50	0	0
Cost of Dividends Paid	0	0	0	0	0
Change in Debt	40	(1)	0	0	0

Balance Sheet Data (Dec)

(US\$ Millions)	2021A	2022A	2023E	2024E	2025E
Cash & Equivalents	299	102	95	94	153
Trade Receivables	1	0	0	0	0
Other Current Assets	31	66	91	121	156
Property, Plant & Equipment	1	0	0	0	0
Other Non-Current Assets	48	25	27	29	31
Total Assets	380	194	213	244	340
Short-Term Debt	2	2	2	2	2
Other Current Liabilities	63	52	30	28	28
Long-Term Debt	77	81	37	31	32
Other Non-Current Liabilities	0	0	0	0	0
Total Liabilities	142	135	69	61	62
Total Equity	237	59	144	183	278
Total Equity & Liabilities	380	194	213	244	340

^{*} For full definitions of $\emph{\textbf{IQ}}\textit{method}^{\text{SM}}$ measures, see page 9.

Company Sector

Biotechnology

Company Description

TG Therapeutics is a biopharmaceutical company specializing in B-cell therapies for targeted oncology and MS. The company's pipeline current consists of a commercial-ready asset for MS (ublituximab), and early-stage treatments for B-cell malignancies.

Investment Rationale

Our Underperform is predicated on the following reasons:

1) ublituximab efficacy data not promising in comparison with control arm, 2) hour-long infusion time not a sufficient differentiator, 3) vaccine tolerance and infection rate still a concern for anti-CD20s, 4) Switch from current anti-CD20 unlikely, 5) discounted pricing feasibility diminishing, 6) lack of early pipeline value leaves uncertainty for 2023-2026, 7) complete oncology pipeline disbandment may induce further concerns.

Stock Data

Average Daily Volume 5,483,143

Quarterly Earnings Estimates

	2022	2023
Q1	-0.51A	NAA
Q2	-0.29A	NAA
Q3	-0.26A	NAA
04	-O 39A	NΔF



MS Survey In-depth Analysis

10% of KOLs choose Briumvi for first choice of therapy

We asked our prescribers the question: "What would you choose as your first choice of therapy for a new MS patient starting therapy?" Based on our survey, raw data illustrates that 35% of our prescribers surveyed choose Ocrevus as their first choice of therapy for MS patients; 12% choose Kesimpta, while only 10% choose Briumvi. Together, Ocrevus/Briumvi/Kesimpta account for 57% of all "first-choice" picks, while 43% chose other types of therapies. Interestingly, this number decreases to 4% for Briumvi when adjusting for prescriber representation within our survey pool based on total patients treated (Exhibit 1).

Exhibit 1: First-choice of therapy for prescribers

10% choose Briumvi as their first choice of therapy

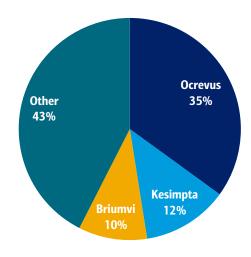
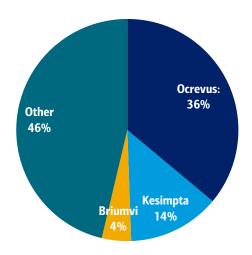


Exhibit 2: First-choice of therapy taking into account of clinic size Briumvi prescribers tend to run smaller clinics



Source: BofA Global Research

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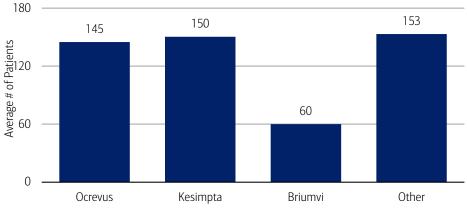
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Key Caveat: Briumvi prescribers treat less new patients

While we note that 10% of prescribers choose Briumvi as a first choice of therapy, these prescribers on average treat less new prescribers per year. On average, while pro-Ocrevus prescribers treat ~145 new patients per year (that number is 150 for Kesimpta), Briumvi prescribers only treat ~60 patients per month on average (Exhibit 3). With that considered, we conducted weighted average analysis on percentage of first choice survey, yielding only 4% of prescribers choosing Briumvi as the first choice (Exhibit 2).

Exhibit 3: Average new patients treated per year

Briumvi-as-a-first-choice prescribers treat significantly less new patients per year



Source: BofA Global Research

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15% of prescribers choose Briumvi as top anti-CD20

We asked our prescribers the question: "What would you choose as your first choice of anti-CD20 therapy for a new MS patient starting therapy?" Based on our survey, raw data illustrates that 52% of our prescribers surveyed choose Ocrevus as their first choice of anti-CD20 therapy for MS patients; 15% choose Kesimpta, 15% choose Rituxuan, while 15% choose Briumvi. Together, Ocrevus/Briumvi/Kesimpta/Rituxuan account for 97% of all "first-choice" picks, while 3% chose other types (Exhibit 4).

Exhibit 4: First choice of anti-CD20 for prescribers

When choosing an anti-CD20, most prescribers choose Ocrevus

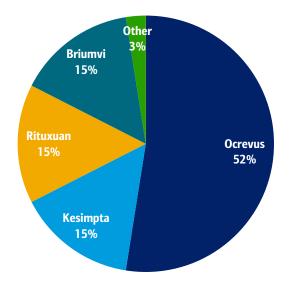
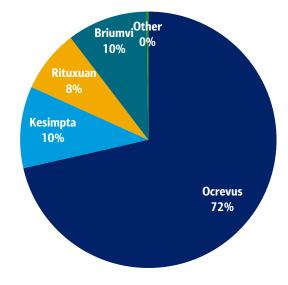


Exhibit 5: First choice of anti-CD20 adjusted for clinic size

Ocrevus prescribers tend to run much larger clinics



Source: BofA Global Research

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Key Caveat: Ocrevus prescribers tend to run larger clinics

While we note that 15% of prescribers choose Briumvi as top-in-class, these prescribers on average treat less new patients per year. On average, while pro-Ocrevus prescribers treat ~145 new patients per year (150 for Kesimpta), Briumvi prescribers only treat ~60 patients per year on average (Exhibit 3). With that considered, we conducted weighted average analysis on percentage of first choice survey, yielding only 10% of prescribers choosing Briumvi as the top anti-CD20 (Exhibit 5).

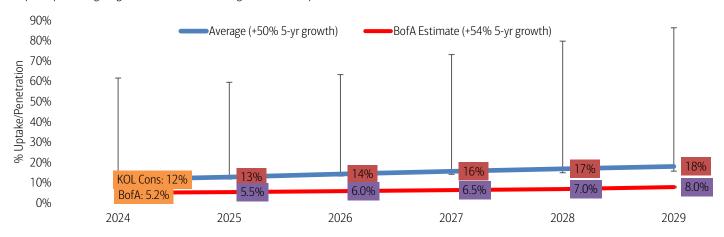
KOL uptake in-line/marginally lower than our estimates

We asked prescribers to "estimate what percentage patients would be put on Briumvi today, one year from now, three years from now, and 5 years from now", and compiled the results in the trajectory graph below. Holistically, while we do note that the average percentage uptake is meaningfully greater than our estimates of penetration (12% vs. 5% at in 2024), which is likely due to the fact that we only screened prescribers who are familiar with Briumvi, the 5-year total growth of uptake is more-or-less in line (+50% vs +54%) with our estimates. Growth trajectory remains to be approximately in the low single-digit percentage range y/y in the near- to medium-term (Exhibit 6).



Exhibit 6: Trajectory of Briumvi uptake percentage based on KOL survey and BofA estimates

KOL uptake percentage higher because our screening had a bias for prescribers familiar with Briumvi, % increase in-line



Source: BofA Global Research

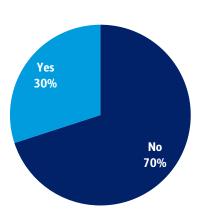
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Ocrevus over Briumvi, therapy switches unlikely to happen

We asked prescribers **1)** to choose their more favored therapy between Ocrevus and Briumvi (Exhibit 7), **2)** whether they would switch existing patients on Ocrevus to Briumvi (Exhibit 8), and **3)** whether they would switch existing patients on Kesimpta to Briumvi (Exhibit 9). Overall KOL consensus remains consistent: 60% would choose Ocrevus over Briumvi, switches from either Ocrevus or Kesimpta or other therapy is unlikely to happen with 70%/72%/84% answering "no" when asked about intention to switch (Exhibit 10).









Brium

vi 40%

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Ocrev us

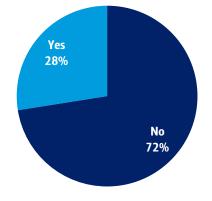
60%

Source: BofA Global Research

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Exhibit 9: Switch from Kesimpta

More choose not to switch from K to B



Source: BofA Global Research

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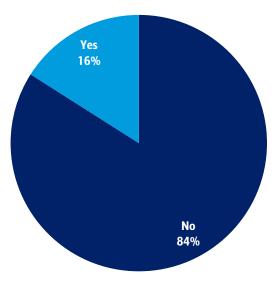
Reliance on KOL calls could be misleadingly optimistic

Anecdotally, during our survey we came to the interesting observation that when screening for KOLs who are interested in participating in conference calls compared to anonymous survey responses, we saw significantly more prescribers (75%) saying they favored Briumvi as their first choice of therapy, whereas that number drops to 10% in prescribers taking an anonymous survey. Therefore, we caution against being overly reliant just on KOL calls as this could be misleadingly optimistic in favor of Briumvi (Exhibit 11).



Exhibit 10: Switch from any other therapy

Most choose not switch from the current therapy to Briumvi

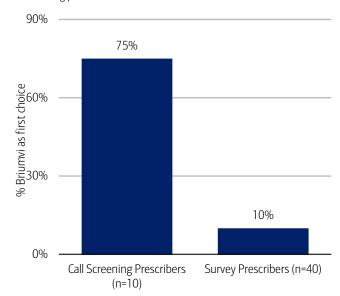


Source: BofA Global Research

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Exhibit 11: Briumvi use more popular in call screening prescribers

Call screening prescribers demonstrate a bias towards Briumvi



Source: BofA Global Research

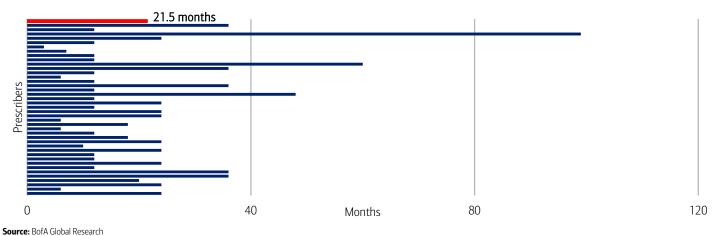
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Prescribers will monitor clinical response for ~21.5mo

Our survey also demonstrated that, on average, prescribers anticipate keeping their patients on Briumvi therapy for ~21.5mo before considering switching to another therapy. This duration on treatment is likely on the shorter end of current street consensus, with our model assuming chronic use of the drug for 3-4 years or longer. That said, our prior KOL checks suggest that patients still responding to treatment are unlikely to be switched off therapy (both for Ocrevus and Briumvi) (Exhibit 12).

Exhibit 12: Briumvi prescribers cite duration on treatment at ~21.5mo, which is below current street consensus

On average, prescribers will keep patients on Briumvi for ~21.5mo before considering other treatment options



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Price objective basis & risk

TG Therapeutics (TGTX)

Our \$7/share price objective is based on a probability adjusted NPV for ublituximab (\$6/sh), TG1801 (\$0/sh), and cash (\$1/sh). We apply a WACC of 10-13% and -3% (ublituximab) to -5% (TG1801) terminal growth rate.

Downside risks are: 1) ublituximab efficacy data not promising in comparison with control arm, 2) hour-long infusion time not a sufficient convenience differentiator, 3) vaccine tolerance and infection rate still a concern for anti-CD20s, 4) switch from current anti-CD20 unlikely, 5) discounted pricing feasibility diminishing, 6) lack of early pipeline value leaves uncertainty for 2023-2026, 7) complete oncology pipeline disbandment may induce further concerns.

Upside risks are: 1) ublituximab launch could be stronger than expected, 2) ublituximab approval could induce more-than-expected strength in shares, 3) pipeline synergy means possibility for combos, 4) cost reduction/synergies with deleted oncology pipeline might yield positives.

Analyst Certification

I, Alec W. Stranahan, 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
	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
	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	Geoff Meacham
	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



US - Biopharmaceuticals Coverage Cluster

Investment rating	Company	BofA Ticker	Bloomberg symbol	Analyst
	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
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	Geoff Meacham
	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
	LianBio	LIAN	LIAN US	Geoff Meacham
	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
RSTR	·			
NJ I N	PiaVcal Thorapouties	BTAI	BTAI US	Grad Harrison CEA
	BioXcel Therapeutics			Greg Harrison, CFA
	Gilead Sciences Inc.	GILD	GILD US	Geoff Meacham



IQmethod[™] Measures Definitions

Business Performance	Numerator	Denominator
Return On Capital Employed	NOPAT = (EBIT + Interest Income) \times (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 + Other LT Liabilities	Sales

EV / EBITDA Enterprise Value Basic EBIT + Depreciation + Amortization

Manethod3*is the set of BofA Global Research standard measures that serve to maintain global consistency under three broad headings: Business Performance, Quality of Earnings, and validations. The key features of

iQmethod are: A consistently structured, detailed, and transparent methodology. Guidelines to maximize the effectiveness of the comparative valuation process, and to identify some common pitfalls.

Redatabase is our real-time global research database that is sourced directly from our equity analysts' earnings models and includes forecasted as well as historical data for income statements, balance sheets, and cash flow statements for companies covered by BofA Global Research.

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Disclosures

Important Disclosures

TG Therapeutics (TGTX) 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%

R1 Issuers that were investment banking clients of BofA Securities or one of its affiliates within the past 12 months. For purposes of this Investment Rating Distribution, the coverage universe includes only stocks. A stock rated Neutral is included as a Hold, and a stock rated Underperform is included as a Sell.

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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%	≤ 70%
Neutral	≥ 0%	≤ 30%
nderperform	N/A	≥ 20%

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