

FibroGen Inc			Current (\$)	1W (\$)	1W (%)	LW (\$)
Ticker: FGEN Country: US	Ding	Close price	27.39	1.19 🛕	4.54 %	26.20
Currency: USD Exchange: NSQ Industry: Biotechnology & Medical Research	Buy	Target price	32.48	0.03 🛕	0.09 %	32.45

FibroGen, Inc. is a research-based, biopharmaceutical company. The Company is focused on the discovery, development and commercialization of therapeutic agents. Its lead product candidate is roxadustat, or FG-4592 is an oral small molecule inhibitor of hypoxia inducible factor-prolyl hydroxylase (HIF-PHs), in Phase III clinical development for the treatment of anemia in chronic kidney disease (CKD). The Company's second product candidate, FG-3019, is a monoclonal antibody in Phase II clinical development for the treatment of idiopathic pulmonary fibrosis (IPF), pancreatic cancer and liver fibrosis. Roxadustat is a HIF-PH inhibitor that acts by stimulating the body's natural pathway of erythropoiesis, or red blood cell production. FG-5200 is a corneal implant. Its product FG-3019 blocks FG-3019 blocks CTGF (CTGF). FG-6874 is a HIF-PH inhibitor. FG-8205 is in preclinical evaluation for use as a cardioprotective agent to prevent the onset of heart failure following a heart attack.



Ratios	This week		Last week
Close price	27.39	<b>A</b>	26.20
High	27.68	$\blacktriangle$	26.30
Low	26.51	<b>A</b>	24.96
Beta	-	-	-
Market cap	1,679 M	<b>A</b>	1,606 M
Volume	-	-	-
P/S ratio	12.20 x	<b>A</b>	11.67 x
P/E ratio	-	-	-
P/B ratio	7.30 x	<b>A</b>	6.98 x
DPS yield	-	-	-
EV/EBITDA	-	-	-
			(Unit : \$)

### Headline

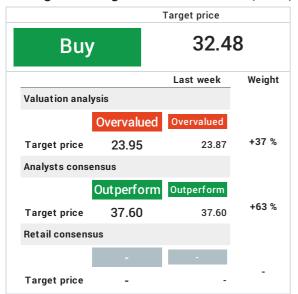
Created at	Туре	Title
2015/11/12	reuters.com	BRIEF-FibroGen announces Q3 2015 financial results

Revenue

**FPS** 

## Rating and Target Price

(Unit:\$)



# Analyst projections (2015)

High	Low	Participants
216 M	176 M	6
-0.20	-1.28	6

0.00

# **Income Statement Summary**

Consensus

193 M

-0.97

0.00

(Unit:\$)

(Unit: \$)

		2012	2013	2014
Revenue		65 M	102 M	137 M
Operating income		-27 M	-7 M	-50 M
Net income		-32 M	-14 M	-59 M
200M				
100M				
0 ———				
	2012	2013		2014
■ т	otal revenue 🔲 (	Operating income	Net incom	e

Hig

0.00

vs.LFY

+40.82 %

+69.34 %



Ticker: FGEN Exchange: NSQ

# Valuation analysis

	based on	Target price	Potential	(Last week)		
Overvalued	P/B ratio	23.95 \$	-12.55 %	Overvalued	based on P/B ratio	Target price 23.87 \$

#### Overall results

FibroGen Inc is considered overvalued based on its historical comparison analysis (KPI: P/B ratio), but considered undervalued based on its peer comparison analysis (KPI: P/S ratio). But the historical comparison shows a higher correlation with the stock price of FibroGen Inc. As a result, this stock is considered 'overvalued'. However FibroGen

Recent figures (3 monthes) (Unit : \$)						
	Curr.	Ø	Max.	Min.		
Price	27.39	24.56	29.76	20.53		
Volum	e 391,390	471,033	1,946,156	126,740		

Inc would be considered 'undervalued' if its price declined below 23.95 \$. Disclaimer: The fact that FibroGen Inc is considered "overvalued" by the analysis does not mean that its price will decline in the future. Monitor the net assets of FibroGen Inc closely and keep an eye on its external environment to support your investment decision.

		Sales (P/S ratio)	Profit (P/E ratio)	BookValue (P/B ratio)	Dividend (DPS yield)	Cash-flow (EV/EBITDA)
Valuation anal	ysis	12.20 x	-	7.30 x	-	-
	Result	undervalued		overvalued		
Historical comparison	Average	12.55 x	-	6.38 x	-	-213.58 x
	Importance	Low	Low	High	Low	Low
	Result	undervalued		overvalued		
	Average	3.60 x	-	4.92 x	-	-
	Adjusted	12.55 x	-	4.92 x	-	-
Peer comparison	Correlation	0.57	-	0.17	-	-
	Comparison					
	Importance	High	Low	Low	Low	Low

### Historical comparison

Currently, FibroGen Inc is considered 'overvalued' by the analysis because its P/B ratio is higher than its historical average.

#### Peer comparison

On the other hand, the P/S ratio of this stock tends to have a high correlation with the average of domestic companies. As a result, many investors may estimate the trend of its sales by comparing the company with domestic companies. And FibroGen Inc tended to trade at a premium in the past compared to its peers. As a result, this stock is considered 'undervalued' based on a peer comparison.

## Analysts consensus



#### (Last week)

Outperform	Target price
Outperform	37.60 \$

# Valuation

#### Based on analyst projections

	Consensus	Low	High	Domestic(Ø)	Global(Ø)
PSR	8.66 x	7.89 x	9.68 x	351.42 x	313.36 x
PER	-28.18 x	-136.95 x	-21.39 x	21.51 x	39.31 x

### Based on last year's results

	FibroGen Inc	Domestic(Ø)	Global(Ø)
P/S ratio	12.20 x	13.16 x	14.25 x
P/E ratio	-	32.41 x	63.03 x

Ticker: FGEN Exchange: NSQ

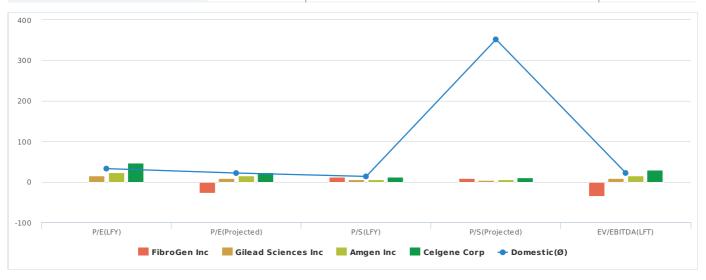
# Industry average (domestic): Biotechnology & Medical Research w/Top 3 market cap

Rating & Valuation (Unit:\$)

nating & valua	tion					(0111. 3)
		FibroGen Inc	Gilead Sciences Inc [GILD/US]	Amgen Inc [AMGN/US]	Celgene Corp [CELG/US]	Domestic(Ø)
Clo	se price	27.39	106.54	159.91	113.51	-
	Rating	Overvalued	Undervalued	Undervalued	Overvalued	-
Valuation analy	ysis Target price	23.95	119.37	165.03	109.43	-
	Potential	-12.53 %	+12.04 %	+3.20 %	-3.58 %	-
	Rating	Outperform	Outperform	Outperform	Outperform	-
Analysts conser	nsus Target price	37.60	125.62	185.41	146.12	-
	Potential	+37.27 %	+17.91 %	+15.95 %	+28.73 %	-
	Rating	-	-	-	-	-
Retail consens	sus Target price	-	-	-	-	-
	Potential	-	-	-	-	-
Ma	rket cap	1,679 M	153,543 M	120,624 M	89,179 M	845 M
Enter	priseValue	1,613 M	155,819 M	124,313 M	88,504 M	833 M
P/E ratio	last FY (norm.)	-	14.50 x	22.36 x	46.39 x	32.41 x
P/E latio	projected	-28.18 x	8.72 x	15.86 x	23.47 x	21.51 x
PSR	last FY	12.20 x	6.16 x	6.01 x	11.62 x	13.16 x
FON	projected	8.66 x	4.77 x	5.57 x	9.65 x	351.42 x
EV/EI	BITDA(LFT)	-35.35 x	9.55 x	14.35 x	30.09 x	21.67 x

### **Fundamentals**

		FibroGen Inc	Gilead Sciences Inc	Amgen Inc	Celgene Corp	Domestic(Ø)
	last FY	137 M	24,890 M	20,063 M	7,670 M	97 M
Sales	projected	193 M	32,130 M	21,642 M	9,233 M	101 M
	vs last FY	+40.82 %	+29.08 %	+7.87 %	+20.37 %	-
Income before tax	last FY	-59 M	14,856 M	5,585 M	2,327 M	316 M
	projected	-54 M	-	-	-	100 M
	vs last FY	-	-	-	-	-
EBITDA(LFY)		-45 M	16,315 M	8,660 M	2,941 M	202 M
Book value(LFY)		221 M	15,426 M	25,778 M	6,524 M	98 M



Ticker: FGEN Exchange: NSQ

# Industry average (worldwide): Biotechnology & Medical Research Market cap Top3

Rating & Valuation (Unit:\$)

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		FibroGen Inc	Gilead Sciences Inc [GILD/US]	Amgen Inc [AMGN/US]	Celgene Corp [CELG/US]	Global(Ø)
Close	e price	27.39	106.54	159.91	113.51	-
	Rating	Overvalued	Undervalued	Undervalued	Overvalued	-
Valuation analysi	S Target price	23.95	119.37	165.03	109.43	-
	Potential	-12.53 %	+12.04 %	+3.20 %	-3.58 %	-
	Rating	Outperform	Outperform	Outperform	Outperform	-
Analysts consens	us Target price	37.60	125.62	185.41	146.12	-
	Potential	+37.27 %	+17.91 %	+15.95 %	+28.73 %	-
	Rating	-	-	-	-	-
Retail consensus	s Target price	-	-	-	-	-
	Potential	-	-	-	-	-
Mark	et cap	1,679 M	153,543 M	120,624 M	89,179 M	726 M
Enterpr	iseValue	1,613 M	155,819 M	124,313 M	88,504 M	1,873 M
P/E ratio	last FY (norm.)	-	14.50 x	22.36 x	46.39 x	63.03 x
P/E I a l l U	projected	-28.18 x	8.72 x	15.86 x	23.47 x	39.31 x
PSR	last FY	12.20 x	6.16 x	6.01 x	11.62 x	14.25 x
ron	projected	8.66 x	4.77 x	5.57 x	9.65 x	313.36 x
EV/EBITDA(LFT)		-35.35 x	9.55 x	14.35 x	30.09 x	38.72 x

### **Fundamentals**

		FibroGen Inc	Gilead Sciences Inc	Amgen Inc	Celgene Corp	Global(Ø)
	last FY	137 M	24,890 M	20,063 M	7,670 M	89 M
Sales	projected	193 M	32,130 M	21,642 M	9,233 M	86 M
	vs.LFY	+40.82 %	+29.08 %	+7.87 %	+20.37 %	-
Income before tax	last FY	-59 M	14,856 M	5,585 M	2,327 M	117 M
	projected	-54 M	-	-	-	66 M
	vs.LFY	-	-	-	-	-
EBITDA(LFY)		-45 M	16,315 M	8,660 M	2,941 M	132 M
Book value(LFY)		221 M	15,426 M	25,778 M	6,524 M	101 M



Ticker: FGEN Exchange: NSQ

# **Financials**

Income statement (Unit : M\$)

		(01111 1 1114)
2012	2013	2014
65	102	137
65	102	137
18	24	36
74	85	150
93	110	187
-27	-7	-50
-5	-7	-9
0	0	0
-32	-14	-59
-0	0	0
-32	-14	-59
-32	-14	-59
-32	-14	-59
-32	-14	-59
-32	-14	-59
-32	-14	-59
55	55	18
	65 65 18 74 93 -27 -5 0 -32 -0 -32 -32 -32 -32 -32 -32	65 102 65 102 18 24 74 85 93 110 -27 -7 -5 -7 0 0 0 -32 -14 -32 -14 -32 -14 -32 -14 -32 -14 -32 -14 -32 -14 -32 -14 -32 -14

Balance sheet summary (Unit : M\$)

	2012	2013	2014
Cash	20	27	151
Cash and equivalents	18	48	13
Short term investments	1	46	14
Cash and short term investments	39	122	179
Accounts receivable trade net	8	17	13
Total receivables net	8	17	13
Prepaid expenses	4	3	4
Total current assets	52	143	198
Property plant equipment total gross	156	167	-
Accumulated depreciation total	-33	-38	-
Property plant equipment total net	123	129	132
Long term investments	81	15	144
Other long term assets total	7	8	8
Total assets	265	296	483
Accounts payable	3	1	4
Accrued expenses	14	26	41
Current port of It debt capital leases	1	1	-
Other current liabilities total	4	8	17
Total current liabilities	23	37	62
Long term debt	17	18	16
Capital lease obligations	93	96	96
Total long term debt	110	114	113
Minority interest bs	27	27	19
Other liabilities total	9	37	66
Total liabilities	171	217	262
Redeemable preferred stock	304	304	-
Additional paid in capital	37	41	546
Retained earnings or accumulated deficit	-247	-262	-322
Other equity total	-0	-3	-3
Total equity	94	79	221
Total liabilities and shareholders equity	265	296	483
Total debt	112	115	113



Cash flow summary (Unit: M\$) Net income starting line -32 -14 -59 5 Depreciation depletion 5 4 Non cash items 5 3 19 0 0 0 Cash interest paid Changes in working capital 16 31 58 Cash from operating activities 25 22 -5 -0 Capital expenditures -6 -8 Other investing cash flow items total 19 17 -99 Cash from investing activities 19 10 -107 Issuance or retirement of stock net 0 0 1 Issuance or retirement of debt net -0 0 -0 0 Cash from financing activities 6 174 Financing cash flow items 7 0 172 Foreign exchange effects -0 0 -0 20 37 89 Net change in cash



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### Corporate profile

### Company profile

FibroGen, Inc. is a research-based, biopharmaceutical company. The Company is focused on the discovery, development and commercialization of therapeutic agents. Its lead product candidate is roxadustat, or FG-4592 is an oral small molecule inhibitor of hypoxia inducible factor-prolyl hydroxylase (HIF-PHs), in Phase III clinical development for the treatment of anemia in chronic kidney disease (CKD). The Company's second product candidate, FG-3019, is a monoclonal antibody in Phase II clinical development for the treatment of idiopathic pulmonary fibrosis (IPF), **Business summary** pancreatic cancer and liver fibrosis. Roxadustat is a HIF-PH inhibitor that acts by stimulating the body's natural pathway of erythropoiesis, or red blood cell production. FG-5200 is a corneal implant. Its product FG-3019 blocks FG-3019 blocks CTGF (CTGF). FG-6874 is a HIF-PH inhibitor. FG-8205 is in preclinical evaluation for use as a cardioprotective agent to prevent the onset of heart failure following a heart attack. BRIEF: For the nine months ended 30 September 2015, FibroGen Inc revenues increased 29% to \$156.4M. Net loss applicable to common stockholders increased from \$8.9M to \$34.4M. Revenues reflect License and milestone Financial summary revenue increase of 24% to \$131.4M, Collaboration services and other revenue increase of 63% to \$25M. Higher net loss reflects Research and Development increase of 51% to \$141.4M (expense). Homepage http://www.FibroGen.com 409 Illinois St SAN FRANCISCO CA Address Public contact 1-415-9781200 Phone number Contact phone number

### Management

Contact email

Rank	Name	Position	Since	Age
1	Thomas B. Neff	Chairman of the Board, Chief Executive Officer, Founder		60
2	Pat Cotroneo	Chief Financial Officer, Vice President - Finance	2008	50
3	K Peony Yu	Vice President - Clinical Development	2008-12	52
4	Frank H. Valone	Chief Medical Officer	2008-12	65

On September 30, 2014 FibroGen Inc had 337 Employees.

(Unit:\$)

# FibroGen Inc

Ticker: FGEN Exchange: NSQ

### **Historical Charts**





### Y1 Chart



### Historical data

			(
	High	Low	Volume
2014/12/01 -	31.48	20.10	6,213,393
2015/01/01 -	40.59	27.06	3,769,517
2015/02/01 -	32.78	29.33	1,742,743
2015/03/01 -	32.79	28.00	3,521,065
2015/04/01 -	31.99	23.00	2,278,929
2015/05/01 -	24.77	17.04	13,514,515
2015/06/01 -	24.56	16.95	28,569,780
2015/07/01 -	25.46	21.56	7,999,699
2015/08/01 -	25.98	20.02	9,427,842
2015/09/01 -	29.97	21.03	12,845,847
2015/10/01 -	25.74	20.04	7,760,030
During	40.59	16.95	-

### Y5 Chart



Ticker: FGEN Exchange: NSQ

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