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OUTPERFORM

Reason for report:

EARNINGS

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LEERINK

OPHTHOTECH CORPORATION

4Q Recap: Extensive Development Programs for Fovista and Zimura Underway

• **Bottom Line:** This morning OPHT provided an update on the ongoing Fovista Phase III and its plans to develop Zimura in both wet and dry AMD. OPHT will provide more details on the underlying science and its development strategy at an R&D day on March 7th. Overall 10 clinical trials are ongoing or expected to be initiated in 2014, leading to data beginning to emerge in 2015. We are updating our model to reflect 4Q13 results. **Reiterate OP on OPHT, raising PT to $45 from $37 to reflect Fovista and Zimura pipeline advancement.**

• **US dosing and enrollment were initiated in August 2013 in the two Lucentis combination studies in the Fovista Ph III programs** after the protocols for the 3 studies were submitted to the FDA in July. OPHT has begun initiating and activating trial sites for the 3rd study -- evaluating the addition of Fovista to either Avastin or Eylea. 1866 patients will be enrolled across the three studies at more than 225 sites worldwide, leading to top-line data in 2016. We continue to view the Fovista pivotal program as de-risked by impressive Ph IIb data, which showed that a combination of Fovista and Lucentis was able to provide patients with a ~62% additional visual acuity benefit over Lucentis monotherapy.

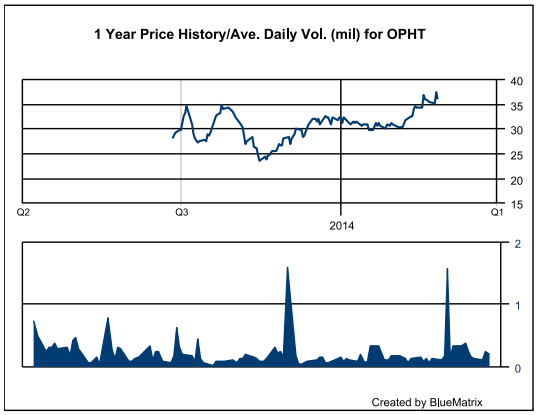
• **OPHT received written confirmation from the Committee for Medicinal Products for Human Use (CHMP) of the European Medicines Agency (EMA) indicating that it is in agreement** with the company's proposed Phase III trial design and dosing regimen. Because dosing in the second year of the study has been modified slightly so it can be consistent with the EU label for Lucentis no bridging study is required and timing/expense guidance remains unchanged.

• **In addition to the strong safety and efficacy signals seen to date, which should de-risk the Phase III program, we believe that OPHT shares remain attractive** considering the large established market of wet AMD patients, rapid launches of blockbuster drugs in the space, and suboptimal visual acuity profiles of many patients that have been cycling among VEGF inhibitors. Analyses of Fovista clinical data show less sub-retinal fibrotic scar formation, which according to analyses of VEGF inhibitor data may represent an independent driver of vision loss beyond neovascular formation/leakage.

• **OPHT is advancing development of Zimura (C5 inhibitor) in both dry and wet AMD.** The initial focus will be on the treatment of geographic atrophy, a severe form of dry AMD. OPHT expects to initiate a Ph III/III clinical trial of Zimura for this indication in late 2014 or early 2015. Ph I/II showed a trend in favor of the higher of two dose groups on relative reduction in the mean growth of the geographic atrophy lesion area at 24 weeks. OPHT also envisions a triple combination study of Zimura plus Fovista plus a VEGF inhibitor in resistant wet AMD patients starting in 2015.

Key Stats:	**(NASDAQ:OPHT)**
S&P 600 Health Care Index:	**1,318.88**
Price:	**$36.09**
Price Target:	$45.00 from $37.00
Methodology:	DCF, 12% WACC, 2% Terminal Growth Rate
52 Week High:	$37.93
52 Week Low:	$22.61
Shares Outstanding (mil):	35.7
Market Capitalization (mil):	$1,288.4
Cash Per Share:	$8.07
Dividend (ann):	$0.00
Dividend Yield:	0.0%

General: fully diluted shares outstanding, net cash per share YE13



Dec Yr	1Q	2Q	3Q	4Q	FY Rev	1Q	2Q	3Q	4Q	FY EPS	P/E
2013A	**--**	**0.0**	**0.0**	**0.0**	**0.0**	**--**	**(12.39)**	**(10.26)**	**(0.65)**	**(6.34)**	**NM**
2014E - New	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**(0.67)**	**(0.70)**	**(0.74)**	**(0.77)**	**(2.89)**	**NM**
2014E - Old	0.0	0.0	0.0	0.0	0.0	(0.64)	(0.68)	(0.71)	(0.74)	(2.78)	NM
2015E	0.0	0.0	0.0	0.0	0.0	--	--	--	--	(2.91)	NM

Source: Company Information and Leerink Partners LLC Research
2Q13 Revenue and EPS are 1H13 Actuals, since quarterly numbers not provided in S1. GAAP EPS presented.

INVESTMENT THESIS

We rate OPHT shares Outperform. Ophthotech is a late stage biopharmaceutical company that is primarily focused on the development of Fovista, an anti-Platelet Derived Growth Factor (PDGF) agent that has shown a statistically significant capacity to augment vision in wet Age-Related Macular Degeneration (AMD) patients. In Phase IIb, a combination of Fovista and Roche/Genentech's Lucentis was able to provide patients with a ~62% additional benefit over Lucentis monotherapy on the Early Treatment Diabetic Retinopathy Study (ETDRS), a widely-used standardized chart of vision testing. A Phase III Fovista pivotal trial is underway that we believe to be de-risked based on its strong similarities to Phase II, greater statistical powering, and longer duration, the latter of which could beneficial to OPHT since the delta between the Fovista add-on arm and the Lucentis monotherapy arm seemed to be widening at the end of the Phase IIb trial. While anti-VEGF treatments such as Lucentis and REGN's (OP) Eylea have achieved rapid commercial success and strong uptake in wet AMD, we see an opportunity for Fovista to upgrade the wet AMD standard-of-care, especially in patients that begin to plateau or even decline after receiving currently available treatments for multiple years. Our view is corroborated by the results of the Lucentis long-term visual outcomes HORIZON extension study which showed that after 5 years of therapy, the aggregate visual capacity of Lucentis-treated patients returned to baseline pre-treatment levels. There are approximately 1.3 million cases of wet AMD in the US, and our belief in the commercial attractiveness of Fovista stems not only from its efficacy but literature estimates that the prevalence of wet AMD is growing rapidly with an estimated ~200,000 additional wet AMD diagnoses per year. We expect Fovista to ultimately be indicated as an add-on therapy to any anti-VEGF treatment as Fovista is being studied in combination with each of Lucentis, Eylea, and Roche's Avastin in the ongoing Phase III program. OPHT holds strong, method of treatment patent protection over Fovista in the US, EU, and Japan that expires in 2027 with extensions.

VALUATION

We estimate a ~$45 per share value for OPHT based on a discounted cash flow analysis that assumes an 12% discount rate and a 2% terminal growth rate. We increased our terminal growth rate from 0% to 2% since the company is initiating trials with its follow-on complement inhibitor as well as other studies with Fovista, the latter of which present upside to our estimates. We project Fovista revenue growth from 2018 through 2027 in the US and EU and cut it significantly thereafter at the expiration of OPHT's method-of-treatment patent. We see upside to our valuation from either, 1) less robust competition than we anticipate, 2) the potential for Fovista to be best-in-class even in the face of anti-PDGF competition, or 3) the commercial potential of ARC195 which is not currently included in our model.

RISKS TO VALUATION

Risks to our OPHT valuation include the possibility of disappointing clinical data, commercial shortfalls, or higher than anticipated regulatory hurdles. Since OPHT solely has one product in late-stage development, any of these could impact the stock significantly.

Ophthotech P&L ($MM except EPS)	2012	1H13	3Q13	4Q13	2013	1Q14E	2Q14E	3Q14E	4Q14E	2014E	2015E	2016E	2017E	2018E
Fovista Product Sales by OPHT (p/w)	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**241.8**
Royalties on EU Fovista Sales	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**19.7**
Zumira (ARC1905) Sales	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Royalties to Novo	-	-	-	-	-	-	-	-	-	-	-	-	-	19.2
Royalties to OSI (eyetech)	-	-	-	-	-	-	-	-	-	-	-	-	-	9.6
COGS	-				-	-	-	-	-	-	-	-	-	29.0
R&D	6.8	6.7	11.1	15.4	33.2	16.0	17.0	18.0	19.0	70.0	84.0	85.7	87.4	78.7
SG&A	6.9	5.0	4.2	5.1	14.2	5.5	5.8	6.1	6.4	23.8	25.0	26.2	46.9	53.2
Operating Expenses	13.7	11.7	15.3	20.4	47.4	21.5	22.8	24.1	25.4	93.8	109.0	111.9	134.3	189.7
Operating Income	**(13.7)**	**(11.7)**	**(15.3)**	**(20.4)**	**(47.4)**	**(21.5)**	**(22.8)**	**(24.1)**	**(25.4)**	**(93.8)**	**(109.0)**	**(111.9)**	**(134.3)**	**71.7**
Interest income, expense (net)	(0.5)	(1.5)	-	-	(1.5)	-	-	-	-	-	-	-	-	-
Other income, expense (net)	(0.3)	(1.5)	(0.9)	0.1	(2.3)	-	-	-	-	-	-	-	-	-
EBT	(14.5)	(14.6)	(16.1)	(20.4)	(51.1)	(21.5)	(22.8)	(24.1)	(25.4)	(93.8)	(109.0)	(111.9)	(134.3)	71.7
Tax Expense (Benefit)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Net Income	**(14.5)**	**(14.6)**	**(16.1)**	**(20.4)**	**(51.1)**	**(21.5)**	**(22.8)**	**(24.1)**	**(25.4)**	**(93.8)**	**(109.0)**	**(111.9)**	**(134.3)**	**71.7**
Accretion of Preferred Dividends	(7.1)	(3.6)	(2.3)	-	(5.9)	-	-	-	-	-				
Net Loss Attributable to Common	(21.6)	(18.2)	(18.4)	(20.4)	(57.0)									
Diluted EPS	(2.52)	(12.39)	(10.26)	(0.65)	(6.34)	(0.67)	(0.70)	(0.74)	(0.77)	(2.89)	(2.91)	(2.91)	(3.40)	1.63
Basic Shares Outstanding	8.6	1.5	1.8	31.4	9.0	32.2	32.4	32.6	32.8	32.5	37.5	38.5	39.5	40.5
Diluted Shares Outstanding	8.6	1.5	1.8	34.8	12.7	35.7	35.9	36.1	36.3	36.0	41.0	42.0	43.0	44.0

Note: Basic and Diluted Shares Outstanding for 1H13 and 3Q13 are lower since Ophthotech officially became a public company on September 25, 2013 after which we OPHT had 31.4MM basic shares outstanding for 4Q13

Balance Sheet and Cash Flow Statement ($MM)	2012	1H13	3Q13	4Q13	2013	1Q14E	2Q14E	3Q14E	4Q14E	2014E	2015E	2016E	2017E	2018E
Cash & Cash Equivalents	**4.3**	**39.9**	**236.1**	**210.6**	**210.6**	**288.0**	**267.0**	**244.9**	**263.2**	**263.2**	**163.9**	**187.0**	**64.5**	**147.7**
Debt	**11.0**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Change in Cash	**(2.1)**	**28.0**	**196.2**	**(25.5)**	**198.8**	**77.4**	**(21.0)**	**(22.2)**	**18.3**	**52.6**	**(99.3)**	**23.0**	**(122.5)**	**83.3**
Cash Flow From Operations	**(13.1)**	**(13.7)**	**(14.9)**	**(22.8)**	**(47.4)**	**(19.8)**	**(21.0)**	**(22.2)**	**(23.4)**	**(86.3)**	**(100.3)**	**(103.0)**	**(123.5)**	**82.3**
Net Income	(14.5)	(14.6)	(16.1)	(20.4)	(51.1)	(21.5)	(22.8)	(24.1)	(25.4)	(93.8)	(109.0)	(111.9)	(134.3)	71.7
Stock Option Expense	0.6	0.9	1.2	1.6	3.8	1.7	1.8	1.9	2.0	7.5	8.7	9.0	10.7	10.5
Other	0.8	-	-	(4.0)	-	-	-	-	-	-	-	-	-	-
Cash Flow From Investing	**-**	**-**	**-**	**(2.7)**	(2.7)	**-**	**-**	**-**	**-**	**-**	**1.0**	**1.0**	**1.0**	**1.0**
Sale (Purchase) of Marketable Securities	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CapEx	-	-	-	-	-	-	-	-	-	-	1.0	1.0	1.0	1.0
Other	-	-	-	(2.7)	(2.7)	-	-	-	-	-	-	-	-	-
Cash Flow From Financing	**11.0**	**41.7**	**192.0**	**-**	**221.7**	**97.2**	**-**	**-**	**41.7**	**138.9**	**-**	**125.0**		
Equity Issuance (Buyback/Costs)	0.0		192.0	-	192.0	55.5	-	-	-	55.5	-	125.0		
Debt Issuance (Buyback/Costs)	11.0	-	-	-	(12.0)	-	-	-	-	-	-	-		
Other		41.7		-	41.7	41.7	-	-	41.7	83.4		-		

Source: SEC Filings and Leerink Partners Estimates

OPTH DCF Analysis, $MM	2013E	2014E	2015E	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E	2026E	2027E	2028E	2029E	TV
Free Cash Flow to Equity	(47.4)	(86.3)	(100.3)	(103.0)	(123.5)	82.3	185.9	257.6	331.5	353.9	366.7	384.0	399.7	415.4	419.3	294.3	214.1	
Discount Periods	0	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
Discounted FCFE	-	(86.3)	(89.5)	(82.1)	(87.9)	52.3	105.5	130.5	150.0	142.9	132.3	123.6	114.9	106.6	96.1	60.2	39.1	399.0

NPV	**$ 1,307.18**
Net Cash 1Q14	**$ 288.02**
OPHT Per Shr Val	**$ 44.73**
Implied Mkt. Cap	**$ 1,595.2**

Cost of Equity	12%
TG	2%
Diluted Shrs. Outstanding	35.7

Source: Leerink Partners Estimates

		Cost of Capital				
		10%	**11%**	**12%**	**13%**	**14%**
Terminal Growth Rate	**-1%**	$ 52.51	$ 46.76	$ 41.90	$ 37.75	$ 34.18
	0%	$ 53.94	$ 47.81	$ 42.69	$ 38.35	$ 34.63
	1%	$ 55.70	$ 49.08	$ 43.62	$ 39.04	$ 35.16
	2%	$ 57.90	$ 50.62	$ 44.73	$ 39.86	$ 35.78
	3%	$ 60.72	$ 52.56	$ 46.10	$ 40.85	$ 36.50

Wet AMD Revenue Model - US	2013E	2014E	2015E	2016E	2017E	2018E	2019E	2020E
Total Wet AMD Patients	1,875,000	2,075,000	2,275,000	2,475,000	2,675,000	2,875,000	3,075,000	3,275,000
New Wet AMD Patients	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000
VEGF Therapy Penetration New Ptnt Penetration	49%	50%	50%	50%	50%	50%	50%	50%
New VEGF Patients	98,000.00	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Total Wet AMD Patients on VEGF therapy	670,442	770,442	870,442	970,442	1,070,442	1,170,442	1,270,442	1,370,442
Lucentis Wet AMD Treaters Penetration	30%	28%	26%	24%	23%	22%	21%	20%
Patients on Lucentis	197,780	215,724	226,315	232,906	246,202	257,497	266,793	274,088
% not well controlled (suited for Fovista add-on)	-	-	-	-	20%	20%	20%	20%
# Fovista Candidates	-	-	-	-	49,240	51,499	53,359	54,818
% add-on Fovista	0%	0%	0%	0%	0%	15%	22%	28%
# Patients on Lucentis + Fovista	-	-	-	-	-	7,725	11,739	15,349
Fovista Cost Per Injection	-	-	-	-	$1,500	$1,500	$1,500	$1,500
Fovista Injections Per Year	-	-	-	-	0.0	8.5	8.2	7.8
Revenue to OPHT (Non risk adjusted)	-	-	-	-	$0.0	$98.5	$144.4	$179.6
Approval Probability	-	-	-	-	80%	80%	80%	80%
Probability Weighted Revenue to OPTH	-	-	-	-	**$0.0**	**$78.8**	**$115.5**	**$143.7**
Eylea Wet AMD Treaters Penetration	24%	26%	28%	31%	33%	34%	35%	36%
Patients on Eylea	157,554	200,315	243,724	300,837	353,246	397,950	444,655	493,359
% not well controlled (suited for Fovista add-on)	-	-	-	-	20%	20%	20%	20%
# Fovista Candidates	-	-	-	-	70,649	79,590	88,931	98,672
% add-on Fovista	0%	0%	0%	0%	0%	15%	20%	25%
# Patients on Eylea + Fovista	-	-	-	-	-	11,939	17,786	24,668
Fovista Cost Per Injection	-	-	-	-	$1,500	$1,500	$1,500	$1,500
Fovista Injections Per Year	-	-	-	-	0.0	8.5	8.2	7.8
Revenue to OPHT (Non risk adjusted)	-	-	-	-	0	152.2	218.8	288.6
Approval Probability	-	-	-	-	65%	65%	65%	65%
Probability Weighted Revenue to OPTH	-	-	-	-	**0**	**98.9**	**142.2**	**187.6**
Avastin Wet AMD Treaters Penetration	47%	46%	46%	45%	44%	44%	44%	44%
Patients on Avastin	315,108	354,403	400,403	436,699	470,994	514,994	558,994	602,994
% not well controlled (suited for Fovista add-on)	-	-	-	-	15%	15%	15%	15%
# Fovista Candidates	-	-	-	-	70,649	77,249	83,849	90,449
% add-on Fovista	0%	0%	0%	0%	0%	10%	18%	22%
# Patients on Avastin + Fovista	-	-	-	-	-	7,725	15,093	19,899
Fovista Cost Per Injection	-	-	-	-	$1,500	$1,500	$1,500	$1,500
Fovista Injections Per Year	-	-	-	-	0.0	8.5	8.2	7.8
Revenue to OPHT (Non risk adjusted)	-	-	-	-	0	98.5	185.6	232.8
Approval Probability	-	-	-	-	65%	65%	65%	65%
Probability Weighted Revenue to OPTH	-	-	-	-	**0**	**64.0**	**120.7**	**151.3**
Fovista Patients on Drug	-	-	-	-	-	27,388	44,618	59,916
Fovista Overall Penetration of US VEGF-treated Patients	-	-	-	-	-	2.3%	3.5%	4.4%
Gross Fovista Revenues	-	-	-	-	-	349	549	701
Risk-Adjusted Fovista Sales to P&L	**-**	**-**	**-**	**-**	**$0.0**	**242**	**378**	**483**

Competitive Scenarios	**Probability**
1 - PDGF/VEGF Competition Enters 2021	75%
2 - No PDGF/VEGF Competition	25%

Fovista Assumptions	
Fovista/Lucentis Combo Therapy Approval Probability	80%
Fovista/Eylea Combo Therapy Approval Probability	65%
Fovista/Avastin Combo Therapy Approval Probability	65%
Fovista Cost Per Injection	$1,500

Fovista Injections Per Year					0	8.5	8.2	7.8

Source: SEC Filings, Company Reports and Leerink Partners Estimates

Wet AMD Revenue Model - EU and Japan	2013E	2014E	2015E	2016E	2017E	2018E	2019E	2020E
Total EU/Japan Wet AMD Patients (MM)	2,000,000	2,200,000	2,400,000	2,600,000	2,800,000	3,000,000	3,200,000	3,400,000
New Wet AMD Patients	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000
VEGF Therapy Penetration New Ptnt Penetration		20%	22%	26%	30%	35%	40%	40%
New VEGF Patients		40,000	44,000	52,000	60,000	70,000	80,000	80,000
Total Wet AMD Patients on VEGF therapy	285,249	325,249	369,249	421,249	481,249	551,249	631,249	711,249
Lucentis Wet AMD Treaters Penetration	63%	60%	58%	54%	50%	48%	46%	44%
Patients on Lucentis	180,000	195,149	214,164	227,474	240,625	264,600	290,375	312,950
% not well controlled (suited for Fovista add-on)		-	-	-	20%	20%	20%	20%
# Fovista Candidates	-	-	-	-	48,125	52,920	58,075	62,590
% add-on Fovista	0%	0%	0%	0%	0%	10%	18%	25%
# Patients on Lucentis + Fovista	-	-	-	-	-	5,292	10,453	15,647
Fovista Cost Per Injection	-	-	-	-	$1,200	$1,200	$1,200	$1,200
Fovista Injections Per Year	-	-	-	-	0	8.5	8.2	7.8
Revenue to Partner (Non risk adjusted)	-	-	-	-	0	54.0	102.9	146.5
Approval Probability	-	-	-	-	80%	80%	80%	80%
Probability Weighted Revenue to EU Partner	-	-	-	-	**0**	**43.2**	**82.3**	**117.2**
Eylea Wet AMD Treaters Penetration	13%	18%	22%	28%	34%	38%	41%	43%
Patients on Eylea	37,710	58,545	81,235	117,950	163,625	209,475	255,656	305,837
% not well controlled (suited for Fovista add-on)	-	-	-	-	20%	20%	20%	20%
# Fovista Candidates	-	-	-	-	32,725	41,895	51,131	61,167
% add-on Fovista	0%	0%	0%	0%	0%	10%	15%	20%
# Patients on Eylea + Fovista	-	-	-	-	-	4,189	7,670	12,233
Fovista Cost Per Injection	-	-	-	-	$1,200	$1,200	$1,200	$1,200
Fovista Injections Per Year	-	-	-	-	0	8.5	8.2	7.8
Revenue to Partner (Non risk adjusted)	-	-	-	-	0	42.7	75.5	114.5
Approval Probability	-	-	-	-	65%	65%	65%	65%
Probability Weighted Revenue to EU Partner	-	-	-	-	**0**	**27.8**	**49.1**	**74.4**
Avastin Wet AMD Treaters Penetration	24%	22%	20%	18%	16%	14%	14%	13%
Patients on Avastin	68,460	71,555	73,850	75,825	77,000	77,175	85,219	92,462
% not well controlled (suited for Fovista add-on)	-	-	-	-	15%	15%	15%	15%
# Fovista Candidates	-	-	-	-	11,550	11,576	12,783	13,869
% add-on Fovista	0%	0%	0%	0%	0%	10%	13%	17%
# Patients on Avastin + Fovista	-	-	-	-	-	1,158	1,662	2,358
Fovista Cost Per Injection	-	-	-	-	$1,200	$1,200	$1,200	$1,200
Fovista Injections Per Year	-	-	-	-	0	8.5	8.2	7.8
Revenue to Partner (Non risk adjusted)	-	-	-	-	0	11.8	16.4	22.1
Approval Probability	-	-	-	-	65%	65%	65%	65%
Probability Weighted Revenue to EU Partner	-	-	-	-	**0.0**	**7.7**	**10.6**	**14.3**
Fovista Overall Penetration of EU VEGF-treated Patients	0%	0%	0%	0%	0%	2%	3%	4%
Gross Fovista Revenues to Partner	-	-	-	-	-	109	195	283
Risk-Adjusted Fovista Revenues to Partner	-	-	-	-	-	79	142	206
Royalty Rate on Fovista Sales	*25%*	25%	25%	25%	25%	25%	25%	25%
Risk-Adjusted Fovista Royalties to P&L	**-**	**-**	**-**	**-**	**-**	**20**	**35**	**51**

Competitive Scenarios	
1 - PDGF/VEGF Competition Enters 2021	75%
2 - No PDGF/VEGF Competition	25%

Fovista Assumptions	
Fovista/Lucentis Combo Therapy Approval Probability	80%
Fovista/Eylea Combo Therapy Approval Probability	65%
Fovista/Avastin Combo Therapy Approval Probability	65%
Fovista Cost Per Injection	$1,200
Royalty Rate on Fovista Sales	25%

Fovista Injections Per Year					0	8.5	8.2	7.8

Source: SEC Filings, Company Reports and Leerink Partners Estimates

OPHT Milestones		
Product	**Event**	**Timing**
Fovista	Additional Indication Trials	2014
ARC1905	Clinical Trial Initiation	2014
Fovista	Additional Indication Data	2015
Fovista	Pivotal Phase III Data	Mid-2016
Fovista	NDA/MAA Filings	2H16
Fovista	FDA/EMA Approval	2H17

Source: SEC Filings and Leerink Partners Estimates

Disclosures Appendix

Analyst Certification

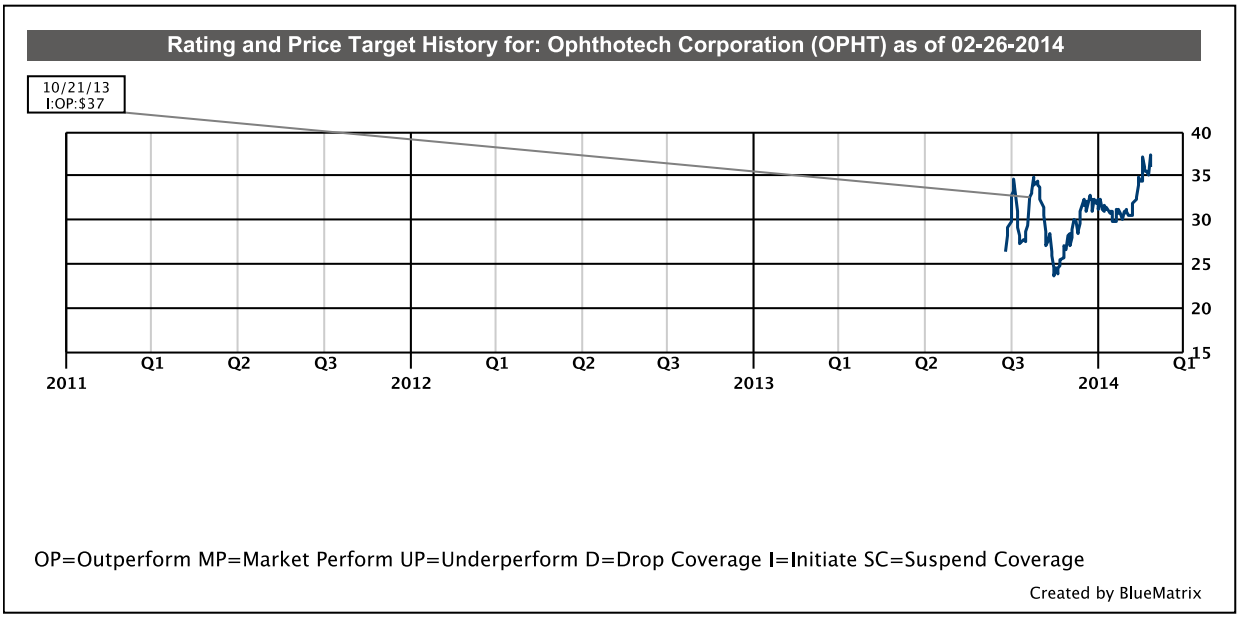
I, Joseph P. Schwartz, certify that the views expressed in this report accurately reflect my views and that no part of my compensation was, is, or will be directly related to the specific recommendation or views contained in this report.

Valuation

We estimate a ~$45 per share value for OPHT based on a discounted cash flow analysis that assumes an 12% discount rate and a 2% terminal growth rate. We increased our terminal growth rate from 0% to 2% since the company is initiating trials with its follow-on complement inhibitor as well as other studies with Fovista, the latter of which present upside to our estimates. We project Fovista revenue growth from 2018 through 2027 in the US and EU and cut it significantly thereafter at the expiration of OPHT's method-of-treatment patent. We see upside to our valuation from either, 1) less robust competition than we anticipate, 2) the potential for Fovista to be best-in-class even in the face of anti-PDGF competition, or 3) the commercial potential of ARC195 which is not currently included in our model.

Risks to Valuation

Risks to our OPHT valuation include the possibility of disappointing clinical data, commercial shortfalls, or higher than anticipated regulatory hurdles. Since OPHT solely has one product in late-stage development, any of these could impact the stock significantly.



Rating and Price Target History for: Regeneron Pharmaceuticals, Inc. (REGN) as of 02-26-2014

On June 11, 2013, Leerink Swann began a transition to specific price targets for the stocks under its coverage, replacing valuation ranges.

OP=Outperform MP=Market Perform UP=Underperform D=Drop Coverage I=Initiate SC=Suspend Coverage

Created by BlueMatrix

Distribution of Ratings/Investment Banking Services (IB) as of 12/31/13				
			IB Serv./Past 12 Mos.	
Rating	Count	Percent	Count	Percent
BUY [OP]	118	64.50	30	25.00
HOLD [MP]	65	35.50	2	3.00
SELL [UP]	0	0.00	0	0.00

Explanation of Ratings

Outperform (Buy): We expect this stock to outperform its benchmark over the next 12 months.

Market Perform (Hold/Neutral): We expect this stock to perform in line with its benchmark over the next 12 months.

Underperform (Sell): We expect this stock to underperform its benchmark over the next 12 months.The degree of outperformance or underperformance required to warrant an Outperform or an Underperform rating should be commensurate with the risk profile of the company.

For the purposes of these definitions the relevant benchmark will be the S&P 600® Health Care Index for issuers with a market capitalization of less than $2 billion and the S&P 500® Health Care Index for issuers with a market capitalization over $2 billion.

Important Disclosures

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Leerink Consulting LLC, an affiliate of Leerink Partners, is a provider of evidence-based strategy and consulting to the healthcare industry.

In the past 12 months, the Firm has received compensation for providing investment banking services to Ophthotech Corporation .

Leerink Partners LLC makes a market in Ophthotech Corporation and Regeneron Pharmaceuticals, Inc.

Leerink Partners LLC has acted as a co-manager for a public offering of Ophthotech Corporation in the past 12 months.

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