FYF Dec



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# Relypsa (RLYP)

Q2 Financials In Line; NDA Submission Delayed to Early Q4 from Q3, but Not Material; Reiterate OUTPERFORM & \$57 PT

- Q2 financials were in line with our estimates. Relypsa reported no revenues and a net loss of \$(0.51) for Q2 versus our \$(0.57). R&D expenses were \$11.1 million—in line with our \$11.1 million. General and administrative expenses for Q2 were \$5.3 million—lower than our \$7.6 million estimate. Relypsa ended Q2 2014 with about \$160.4 million in cash. Financial guidance for 2014 was updated, with OpEx narrowed to \$75-\$85MM from \$75-\$95MM. Stock-based compensation of \$5-\$10MM was reiterated. We have adjusted our model based on Q2 financials and we project runway into Q4 2015.
- Slight delay in expected patiromer NDA filing is not material, in our view. The company now plans to file an NDA for patiromer in early Q4 2014 from Q3. The FDA has 60 days to respond to an NDA submission suggesting potential FDA acceptance in Q4 2014. The company estimates an FDA advisory committee (if necessary) could potentially occur in Q2:15, followed by potential approval in late 2015 and we continue to project U.S. launch by year-end 2015. With regulatory and commercial success, we project gross peak annual U.S. sales for patiromer could reach about \$1.4 billion.
- We reiterate our OUTPERFORM rating and our 12-month price target of \$57.
   Our price target is calculated based on sum-of-parts for each drug/indication combination using a 30% annual discount from our peak annual revenues projections and 1-10x multiple, depending on stage of development to reflect risk followed by a 365-day projection for time value.

August 12, 2014

Price

\$25.70

Rating

**OUTPERFORM** 

12-Month Price Target **\$57** 

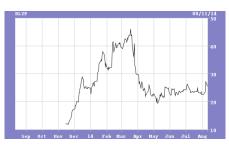
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<b>Company Information</b>	_
Shares Outst (M)	33.1
Market Cap (M)	\$852
52-Wk Range	\$11.90 - \$52.74
Book Value/sh	\$4.26
Cash/sh	\$4.84
Enterprise Value (M)	\$997
LT Debt/Cap %	9

## **Company Description**

Relypsa is an emerging pharmaceutical company focused on the development and commercialization of treatments for renal, cardiovascular, and metabolic disorders. Patiromer, a non-absorbed polymer, is the lead drug candidate and is for the treatment of hyperkalemia.

1 12 500	20107		20172		20102					
REV (M)	ACTUAL	CURR.	PREV.	CONS.	CURR.	PREV.	CONS.			
Q1 Mar	\$0.0A	\$0.0A		\$0.0A	\$0.0E		\$0.0E			
Q2 Jun	0.0A	0.0A		0.0A	0.0E		0.0E			
Q3 Sep	0.0A	0.0E		0.0E	0.0E		0.0E			
Q4 Dec	0.0A	0.0E		0.0E	6.5E		6.5E			
Year*	\$0.0A	\$0.0E		\$0.0E	\$6.5E		\$9.8E			
Change										
	2013A		2014E			2015E				
EPS	ACTUAL	CURR.	PREV.	CONS.	CURR.	PREV.	CONS.			
Q1 Mar	\$(4.92)A	\$(0.54)A		(\$0.56)A	\$(0.78)E	\$(0.85)E	(\$0.85)E			
Q2 Jun	(3.78)A	(0.51)A	(0.57)A	(0.57)A	(0.79)E	(0.86)E	(0.86)E			
Q3 Sep	(1.30)A	(0.62)E	(0.69)E	(0.65)E	(0.79)E	(0.87)E	(0.87)E			
Q4 Dec	(0.68)A	(0.77)E	(0.84)E	(0.73)E	(0.76)E	(0.84)E	(0.84)E			
Year*	(\$22.42)A	(\$2.45)E	(\$2.66)E	(\$2.50)E	\$(3.13)E	\$(3.41)E	(\$3.02)E			
P/E										
Change										



Source: Thomson Reuters

Consensus estimates are from Thomson First Call.

\* Numbers may not add up due to rounding.

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Investment Thesis: Relypsa is an emerging pharmaceutical company focused on the development and commercialization of cutting-edge treatments for renal, cardiovascular, and metabolic disorders. Its polymer drug discovery platform was in-licensed from Ilypsa, Inc., a subsidiary of Amgen (AMGN). Patiromer is the lead drug candidate emerging from this platform and is a non-absorbed, optimized potassium-binding polymer which is dosed twice daily as an oral suspension powder to normalize hyperkalemia in patients with chronic kidney disease (CKD) and/or heart failure (HF). Hyperkalemia (HK), a chronic condition characterized by excessive potassium, typically occurs in CKD and HF patients due to the body's inability to properly clear potassium. Furthermore, reninangiotensin-aldosterone system inhibitors (RAASi), the standard-of-care for CKD and HF, can actually cause hyperkalemia themselves. Due to the lack of effective, safe, and tolerable treatments for hyperkalemia, treatment guidelines recommend reducing or discontinuing RAASi therapy if hyperkalemia develops—despite their protective effects on the kidney. This situation has created an unmet medical need for CKD and HF patients. In our view, patiromer has the potential to be best-in-class and the first breakthrough treatment for hyperkalemia since 1958. Compared to the only currently approved treatment for hyperkalemia, Kayexalate (an absorbed polymer), the physical and chemical properties of patiromer confer several advantages, including better binding capacity, tolerability and compliance. In fact, Kayexalate has never shown statistically significant reductions in serum potassium levels in prospective clinical trials. In addition, its poor tolerability profile makes it unsuitable for chronic administration. In contrast, patiromer was shown to be effective at lowering serum potassium levels into the normal range while also reducing the incidence of recurrent hyperkalemia with chronic dosing in the Phase 3 and Phase 2b programs. Given the clinical profile of patiromer, we believe it has the potential to fill an unmet need for CKD and HF patients with mild or moderate-to-severe hyperkalemia as well those on a suboptimal dose of a RAASi due to recurrent hyperkalemia. In the U.S., we estimate there are about 2.4 million CKD and HF patients who would be immediately eligible for patiromer treatment, with additional opportunities to further expand and grow the market. We anticipate the company will file an NDA in Q3:14, setting the stage for potential approval and launch in H2:15. With a small specialty sales force of about 100 reps, we project peak annual sales of patiromer could reach about \$1.4 billion in the U.S. alone.

<b>Figure</b>	1:	<b>MODEL</b>	<b>UPDATE</b>

Relypsa, Inc. (RLYP:NASDAC Historical and Projected Income Statement (In thousands except per share data)	2)															We		ourities, Inc.
	2013/	1			2014E			2015E	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E	2025E
	FY:13		Q1A	Q2A	Q3E	Q4E	FY:14E	FY:15E	FY:16E	FY:17E	FY:18E	FY:19E	FY:20E	FY:21E	FY:22E	FY:23E	FY:24E	FY:25E
Revenues:																		
Patiromer		-	-	-	-	-		6,506	83,650	245,425	582,201	1,005,874	1,304,943	1,437,453	1,474,632	1,487,033	1,490,764	1,337,741
Total Net Product Revenues		-		-	-	-		6,506	83,650	245,425	582,201	1,005,874	1,304,943	1,437,453	1,474,632	1,487,033	1,490,764	1,337,741
Grant Revenue		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Collaborative Licensing and Development																		
Revenue		-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Revenues	\$	- \$	- \$	- \$	- \$	-	\$ -	\$ 6,506	\$ 83,650	\$ 245,425	\$ 582,201	\$ 1,005,874 \$	1,304,943	\$ 1,437,453	\$ 1,474,632 \$	1,487,033	\$ 1,490,764	\$ 1,337,741
Total COGS		-	-	-	-	-	-	5,205	59,745	146,137	278,263	363,186	317,427	287,491	294,926	297,407	298,153	267,548
Gross Margin	\$	- \$	- \$	- \$	- \$	-	\$ -	\$ 1,301	\$ 23,905	\$ 99,288	\$ 303,938	\$ 642,688 \$	987,516	\$ 1,149,962	\$ 1,179,705 \$	1,189,626	\$ 1,192,611	\$ 1,070,193
Operating Expenses:																		
R&D		,971	10,909	11,075	11,297	11,522	44,803	48,441	52,434	56,756	61,435	66,499	71,980	77,914	84,337	91,289	98,814	106,959
SG&A	11	,940	4,795	5,322	9,250	14,343	33,710	58,820	61,208	63,693	66,279	80,470	104,395	114,996	117,971	118,963	119,261	107,019
Acquired in-process R&D		-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-
Total Operating Expenses	\$ 70	,911 \$	15,704 \$	16,397 \$	20,547 \$	25,865	\$ 78,513	\$ 107,260	\$ 113,642	\$ 120,449	\$ 127,714	\$ 146,969 \$	176,376	\$ 192,910	\$ 202,307 \$	210,251	\$ 218,075	\$ 213,978
Operating Income (Loss)	(70	911)	(15,704)	(16,397)	(20,547)	(25,865)	(78,513)	(105,959)	(89,737)	(21,161)	176,224	495,720	811,140	957,052	977,398	979,375	974,536	856,215
Interest Income / (Expense), net	(1	,481)	27	36	(180)	(159)	(276)	(452)	(266)	(395)	(311)	156	1,105	2,456	3,935	5,432	6,929	8,408
Other Income / (Expense), net	(1	,453)	(391)	(376)	(396)	(393)	(1,556)	(1,559)	(1,560)	(1,560)	(1,560)	(1,560)	(1,560)	(1,560)	(1,560)	(1,560)	(1,560)	(1,560)
Income Before Income Taxes	\$ (73	,845) \$	(16,068) \$	(16,737) \$	(21,123) \$	(26,416)	\$ (80,344)	\$ (107,970)	\$ (91,563)	\$ (23,116)	\$ 174,352	\$ 494,316 \$	810,684	\$ 957,948	\$ 979,773 \$	983,246	\$ 979,905	\$ 863,062
Deemed Dividend to preferred stockholders	(7	,336)																
(Provision)/benefit for Income Taxes		-	-	-	-	-	-	-	-	(335)	(50,662)	(192,783)	(316,167)	(373,600)	(382,111)	(383,466)	(382,163)	(336,594)
Tax Rate		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.3%	22.0%	39.0%	39.0%	39.0%	39.0%	39.0%	39.0%	39.0%
Net Income (Loss)	\$ (81	,181) \$	(16,068) \$	(16,737) \$	(21,123) \$	(26,416)	\$ (80,344)	\$ (107,970)	\$ (91,563)	\$ (23,451)	\$ 123,690	\$ 301,533 \$	494,518	\$ 584,348	\$ 597,661 \$	599,780	\$ 597,742	\$ 526,468
Stock-based compensation			1,998	2,065	1,875	1,875	7,813	7,727	7,706	7,702	7,701	7,701	7,701	7,701	7,701	7,701	7,701	7,701
EPS	\$ (2	2.42) \$	(0.61) \$	(0.57) \$	(0.68) \$	(0.83)	\$ (2.69)	\$ (3.35)	\$ (2.83)	\$ (0.87)	\$ 3.19	\$ 7.96 \$	12.97	\$ 15.13	\$ 15.24 \$	15.06	\$ 14.78	
GAAP EPS	\$ (2	2.42) \$	(0.54) \$	(0.51) \$	(0.62) \$	(0.77)	\$ (2.45)	\$ (3.13)	\$ (2.61)	\$ (0.66)	\$ 3.41	\$ 8.17 \$	13.18	\$ 15.33	\$ 15.43 \$	15.25	\$ 14.97	\$ 12.99
Weighted Average Shares Outstanding		3,620	29,710	33,141	33,997	34,147	32,749		35,122	35,722	36,322	36,922	37,522	38,122	38,722	39,322	39,922	40,522
Cash		4,759	\$78,917	\$160,393	\$140,134	\$111,596	\$111,596		(\$136,268)	(\$175,838)	(\$68,769)	\$217,839	\$696,793	\$1,275,311		\$2,473,393	\$3,071,180	\$3,636,084
Cash Per Share		26.17	\$2.66	\$4.84	\$4.12	\$3.27	\$3.41		(\$3.88)	(\$4.92)	(\$1.89)	\$5.90	\$18.57	\$33.45		\$62.90	\$76.93	\$89.73
Net Cash		1,418 \$		\$144,834	\$124,948	\$98,308							692,300			2,468,900		\$ 3,631,591
Net Cash Per Share		23.32	\$2.22	\$4.37	\$3.68	\$2.88	\$3.27		(\$4.01)	(\$5.05)	(\$2.02)	\$5.78	\$18.45	\$33.34		\$62.79	\$76.82	\$89.62
Cash Burn (Generation)	(5:	3,604)					\$19,963	\$161,998	\$159,465	\$76,370	(\$70,269)	(\$249,808)	(\$442,154)	(\$541,718)	(\$561,821)	(\$562,662)	(\$560,987)	(\$528,103)

Source: Company data, Wedbush Securities, Inc.

Figure 2: MILESTONES (\*our estimates)

Q4:14 PATIROMER NDA SUBMISSION
Q2:15\* POTENTIAL FDA ADVISORY COMMITTEE FOR PATIROMER (\*IF NECESSARY)
Q3:15 POTENTIAL FDA APPROVAL OF PATIROMER
Q4:15\* POTENTIAL U.S. LAUNCH OF PATIROMER

2014/2015\* POTENTIAL PATIROMER PARTERSHIP(S)

Source: Company data, Wedbush Securities, Inc.



Figure 3: VALUATION

RLYP Product Pipeline Valuation		Eligible #	Pricing	Gross Peak Sales	Net Peak Revs	Peak		Estimated/Actual	Discount	Estimate	Fair Value
Product	Indication	Patients	\$/Patient	(\$000)	(\$000)	Penetration	Penetration Multiple		Rate	Fair Value	per Share
Patiromer (US)	Hyperkalemia (moderate to severe)	3,790,000	\$6,324	\$1,084,250	\$1,084,250	15%	7	11/4/2015	30%	\$1,451,963	\$43.81
Patiromer (US)	Hyperkalemia (mild / suboptimal RAASi)	13,760,000	\$6,120	\$419,159	\$419,159	2%	7	11/4/2015	30%	\$431,779	\$13.03
Patiromer (EU)	Hyperkalemia (moderate to severe)	2,526,667	\$5,059	\$417,637	\$83,527	10%	7	11/3/2016	30%	\$67,429	\$2.03
Patiromer (EU)	Hyperkalemia (mild / suboptimal RAASi)	9,173,333	\$4,896	\$161,454	\$32,291	1%	7	11/3/2016	30%	\$20,052	\$0.61
Patiromer (ROW)	Hyperkalemia (moderate to severe)	2,526,667	\$4,047	\$231,307	\$23,131	8%	7	11/3/2017	30%	\$14,364	\$0.43
Patiromer (ROW)	Hyperkalemia (mild / suboptimal RAASi)	9,173,333	\$3,917	\$89,421	\$8,942	1%	7	11/3/2017	30%	\$4,271	\$0.13
RLY-6002	T2D	139,900,146	\$1,446	\$1,154,672	\$540,678	1%	1	1/2/2024	30%	\$12,364	\$0.37
We use multiples to account for clinic	cal and regulatory risk at										
various stages of deve	elopment.							Stock	MktCap		Upside
1: in preclinical testing	6: in Phase 3				12-month Price Target		\$56.84	\$1,883,742		121%	
2: passed preclinical	7: Phase 3 data					Total Pipeline Value		\$60.41	\$2,002,221		
3: IND filing/stable mature product	8: regulatory review					C	urrent Cash	\$4.84	\$160,393		
4: Phase 1 data 5: Phase 2 data	9: approved 10: launched				Current Price		\$25.70	\$869,825			

Source: Company data, Wedbush Securities, Inc.

We reiterate our OUTPERFORM rating and our 12-month price target of \$57. Our price target is calculated based on sum-of-parts for each drug/indication combination using a 30% annual discount from our peak annual revenues projections and 1-10x multiple, depending on stage of development to reflect risk followed by a 365-day projection for time value.

Risks to attainment of our fair value include: 1) Clinical – There is risk that results from the ongoing Phase 1 onset-of-action study are negative, but we view this is unlikely.; 2) Regulatory – Although the Phase 3 program was successful and conducted under a special protocol assessment (SPA), the FDA may fail to approve patiromer in a timely fashion, if at all.; 3) Manufacturing – Relypsa relies on third-party suppliers to manufacture patiromer and there is risk that those parties may not meet their obligations. In addition, they may not be able to successfully scale up manufacturing in a timely and cost efficient manner.; 4) Commercial – As with all new product launches, initial sales of patiromer could be slower than anticipated and call into question its ultimate sales potential. Furthermore, patiromer could face competition from potential new drugs for hyperkalemia including ZS Pharma's late-stage candidate, ZS-9.; 5) Financing – The company ended Q2 2014 with about \$160.4MM in cash and investments. We project runway into Q4 2015—when we estimate potential FDA approval of patiromer. Therefore, we believe Relypsa will likely need to raise additional funds in order to commercially launch patiromer (and/or work with a strategic partner for primary care and/or ex-US commercialization) and to ultimately reach profitability, which we model to occur in 2018.



## Analyst Biography

Ms. Moussatos is a Managing Director, Equity Research responsible for the coverage of stocks in the Emerging Pharmaceuticals sector. Liana joined Wedbush from Pacific Growth Equities where she was a Senior Research Analyst. Prior to that she came from UBS Global Asset Management where she was Director and Portfolio Manager of the UBS Global Biotech Funds for five years. Previously Liana was with Bristol-Meyers Squibb where she was a manager in University and Government Licensing External Science and Technology and she also worked with Sloan-Kettering Cancer Institute in the Office of Industrial Affairs and the National Cancer Institute in the Office of Technology Development.

Liana received a B.S. in Entomology and a M.S. in Zoology and Biochemistry from Clemson University and a Ph.D. in Plant Pathology from the University of California Davis and completed a postdoctoral research fellowship in Cellular and Molecular Physiology at the Yale School of Medicine.

Liana's Edge: Liana's industry and buy-side experience provide depth in her understanding of what investors need to know along with her 13 years experience in following healthcare stocks. Her pipeline valuation includes all drug candidates / disease indications in active development and provides investors with a stock value for each program.

#### **Analyst Certification**

I, Liana Moussatos, Ph.D., certify that the views expressed in this report accurately reflect my personal opinion and that I have not and will not, directly or indirectly, receive compensation or other payments in connection with my specific recommendations or views contained in this report.

Disclosure information regarding historical ratings and price targets is available at <a href="http://www.wedbush.com/ResearchDisclosure/Disclo

#### **Investment Rating System:**

Outperform: Expect the total return of the stock to outperform relative to the median total return of the analyst's (or the analyst's team) coverage universe over the next 6-12 months.

Neutral: Expect the total return of the stock to perform in-line with the median total return of the analyst's (or the analyst's team) coverage universe over the next 6-12 months.

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The Investment Ratings are based on the expected performance of a stock (based on anticipated total return to price target) relative to the other stocks in the analyst's coverage universe (or the analyst's team coverage).\*

Rating Distribution (as of July 30, 2014)	Investment Banking Relationships (as of June 30, 2014)
Outperform:54%	Outperform:25%
Neutral: 42%	Neutral: 1%
Underperform: 4%	Underperform: 0%

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### Wedbush Equity Research Disclosures as of August 12, 2014

Company	Disclosure
Relypsa	1,3,4,5,7

## Research Disclosure Legend

- 1. WS makes a market in the securities of the subject company.
- 2. WS managed a public offering of securities within the last 12 months.
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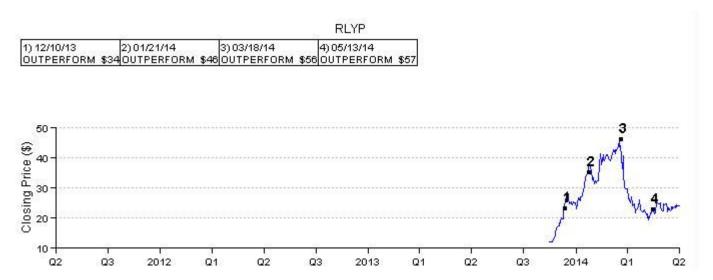
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- 11. WS or one of its affiliates beneficially own 1% or more of the common equity securities.
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\* WS changed its rating system from (Strong Buy/Buy/Hold/Sell) to (Outperform/ Neutral/Underperform) on July 14, 2009. Please access the attached hyperlink for WS' Coverage Universe: <a href="http://www.wedbush.com/services/cmg/equities-division/research/equity-research">http://www.wedbush.com/services/cmg/equities-division/research/equity-research</a> Applicable disclosure information is also available upon request by contacting Ellen Kang in the Research Department at (213) 688-4529, by email to <a href="mailto:ellen.kang@wedbush.com">ellen.kang@wedbush.com</a>, or the Business Conduct Department at (213) 688-8090. You may also submit a written request to the following: Business Conduct Department, 1000 Wilshire Blvd., Los Angeles, CA 90017.

## **OTHER DISCLOSURES**

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