

# **United Therapeutics (UTHR)**

\$111.58 (As of 04/27/20)

Price Target (6-12 Months): \$128.00

Long Term: 6-12 Months	Zacks Recommendation:	Neutral
	(Since: 03/31/20)	
	Prior Recommendation: Outperform	n
Short Term: 1-3 Months	Zacks Rank: (1-5)	2-Buy
Short Term: 1-3 Months	Zacks Rank: (1-5) Zacks Style Scores:	<b>2-Buy</b> VGM:C

## **Summary**

Demand for United Therapeutics' treprostinil medicines is consistently growing despite generic concerns and competitive pressure. The company is working on new delivery mechanisms for Remodulin and extended indications for Orenitram and Tyvaso, which might boost long-term growth. Some improved Remodulin delivery devices are expected to be launched in the next 18 months, which can expand its market. However, competition in the PAH market is on the rise. Though United Therapeutics is a leader in PAH, lack of product as well as pipeline diversification beyond PAH is a concern. The stock has outperformed the industry this year so far. Estimates have remained stable ahead of the Q1 earnings release. The company has a mixed record of earnings surprises in the recent quarters.

# Price, Consensus & Surprise

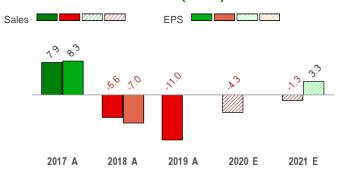


## **Data Overview**

52 Week High-Low	\$116.98 - \$74.31
20 Day Average Volume (sh)	603,148
Market Cap	\$4.9 B
YTD Price Change	26.7%
Beta	0.78
Dividend / Div Yld	\$0.00 / 0.0%
Industry	Medical - Drugs
Zacks Industry Rank	Top 3% (8 out of 253)

Last EPS Surprise	-51.4%
Last Sales Surprise	-11.1%
EPS F1 Est- 4 week change	0.0%
Expected Report Date	04/29/2020
Earnings ESP	0.0%
P/E TTM	9.8
P/E F1	11.1
PEG F1	NA
P/S TTM	3.4

# Sales and EPS Growth Rates (Y/Y %)



## Sales Estimates (millions of \$)

	Q1	Q2	Q3	Q4	Annual*
2021					1,369 E
2020	348 E	352 E	345 E	343 E	1,387 E
2019	363 A	374 A	402 A	311 A	1,449 A
EPS E	stimates				
	Q1	Q2	Q3	Q4	Annual*
2021					\$10.40 E
2020	\$2.43 E	\$2.63 E	\$2.31 E	\$2.10 E	\$10.07 E
2019	\$3.58 A	\$3.63 A	\$3.01 A	\$1.20 A	-\$2.39 A
*Quarterly	figures may no	t add up to annu	ual.		

The data in the charts and tables, including the Zacks Consensus EPS and Sales estimates, is as of 04/27/2020. The reports text is as of 04/28/2020.

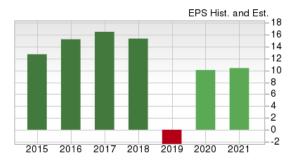
### Overview

Silver Spring, MD-based United Therapeutics Corporation markets four medicines in the United States to treat pulmonary arterial hypertension (PAH): Remodulin, an injectable formulation of treprostinil, Orenitram, an oral version of treprostinil, Tyvaso, an inhaled version of treprostinil, and Adcirca (tadalafil; also sold by Eli Lilly as Cialis for erectile dysfunction) tablets. Remodulin is approved for both subcutaneous (SC) and intravenous (IV) use.

The company licensed certain exclusive rights to Adcirca from Lilly in November 2008. The company paid upfront fees of \$150 million to Lilly for the exclusive rights to commercialize Adcirca for the treatment of PAH in the United States.

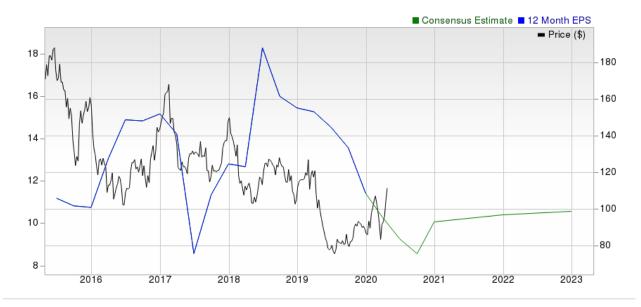
In 2015, the company gained approval for Unituxin for the treatment of pediatric patients with high-risk neuroblastoma. The antibody has been developed under an agreement with the National Cancer Institute (NCI) of the United States National Institutes of Health (NIH).

In August, United Therapeutics acquired SteadyMed, adding its drug device pipeline product Trevyent for PAH to its portfolio. In January 2019, United Therapeutics acquired the worldwide rights to manufacture and develop/commercialize Arena Pharmaceuticals' oral, potent, oncedaily IP receptor agonist, ralinepag. Ralinepag is being developed in late-stage studies for PAH.





The company reported total revenues of \$1.44 billion in 2019, down 11% year over year. Around 85% of its revenues in 2019 were derived from Remodulin, Tyvaso and Orenitram.



## **Reasons To Buy:**

- ▲ Increasing Share Price: United Therapeutics' share price has risen 26.7% this year so far, outperforming the industry which has decreased 12.1%.
- ▲ Strong Position in PAH Market: United Therapeutics holds a strong position in the PAH market with four approved products targeting this indication. Lead product, Remodulin, is available in both the IV and SC forms. Patients usually start on a SC dose and move on to an IV dose of the drug once subcutaneous administration is either no longer tolerated or sufficient to control the symptoms. Meanwhile, the company has three more PAH products in its portfolio Adcirca, Tyvaso and Orenitram. With these products, United Therapeutics has a varied range of therapies targeting the PAH market.

United Therapeutics is working on new delivery mechanisms for Remodulin and expanded indications for its other marketed products like Orenitram and Tyvaso, which might drive longterm growth.

▲ New Delivery Mechanisms for Remodulin: The company is working on bringing multiple second generation Remodulin drug delivery systems to drive Romudulin sales growth. In July 2018, United Therapeutics gained FDA approval for the use of Remodulin injection in the Implantable System for Remodulin (ISR). United Therapeutics had developed this implantable pump for delivering Remodulin intravenously in collaboration with Medtronic. United Therapeutics and Medtronic pursued parallel regulatory filings related to the device and the drug. The system has been developed to eliminate two biggest problems with Remodulin, subcutaneous pain and the life-threatening sepsis risk. The company expects to launch ISR in 2021. United Therapeutics has also developed a pre-filled, semi-disposable pump system for subcutaneous delivery of Remodulin (RemUnity) in partnership with DEKA. In February 2018, DEKA filed RemUnity with the FDA (510(k) filing) that was cleared by the FDA in May 2019. In February 2020, United Therapeutics gained an FDA clearance for a special 510(k) filing and expects to launch the product in July. RemoPro, a pain-free subcutaneous Remodulin prodrug, is in phase I studies.

Also, United Therapeutics' Trevyent disposable treprostinil pump system is under review with the FDA. A decision is expected in 2020. RemUnity and Trevyent, if approved, will provide two expanded options for patients on subcutaneous Remodulin.

▲ Expanding Pipeline: United Therapeutics is working on expanded indications for some of its marketed products like Orenitram and Tyvaso.

A phase III FREEDOM-EV study evaluated an oral combination therapy of Orenitram — OreniPlus. In October 2019, United Therapeutics gained an FDA approval to get FREEDOM-EV data included in the label of Orenitram. With this label update, United Therapeutics is optimistic that it will be able to double the number of patients treated with Orenitram over the next two to three years.

In February 2019, United Therapeutics announced that the pivotal phase III INCREASE study evaluating Tyvaso in patients with PAH associated with interstitial lung disease met its primary efficacy endpoint of demonstrating improvement in six-minute walk distance. The study also met its key secondary endpoints. The company plans to submit a supplemental new drug application to expand the Tyvaso label to include INCREASE study data by mid-2020. If approved, the label update will increase Tyvaso's eligible U.S. population by more than 30,000 patients.

Other phase III programs include autologous cell therapy (PAH - phase II/III SAPPHIRE study), Treprostinil Technosphere dry powder inhaler (PAH — phase III BREEZE study), Tyvaso in PAH patients who have COPD (phase III PERFECT study) and Ralinepag (PAH — phase III ADVANCE studies). Success in these studies may open up attractive market opportunities and address significant unmet clinical needs.

Finally, the company is also developing Unituxin in relapsed/refractory neuroblastoma. United Therapeutics also has four different kinds of organ manufacturing products in clinical and preclinical development. These include xenotransplantation, three-dimensional organ printing, regenerative medicine and ex-vivo lung perfusion.

▲ PAH Market Represents Significant Opportunity: The PAH market is highly attractive given the low diagnosis rate, the low penetration of existing therapies, and the significant unmet medical need. The incidence of PAH is growing rapidly, especially in patients with associated diseases such as HIV, sickle cell anemia, systemic sclerosis, and chronic obstructive pulmonary disease (COPD). However, many of the associated PAH cases develop from idiopathic origins. As PAH is a progressive disease without a cure, many patients continue to deteriorate on currently approved therapies. Although the majority of PAH patients start out on oral endothelin receptor antagonist (ETRA) treatments like J&J's Tracleer (bosentan) or Gilead's Letairis (ambrisentan), PAH progression often moves fast and patients typically begin to fail oral first-line monotherapy within two years. The next progression is usually to SC/IV prostacyclin agents such as Glaxo's Flolan (epoprostenol) or Remodulin. We note that phosphodiesterase type-IV (PDE-5) agents, like Pfizer's Revatio, have gained significant front-line use thanks to their oral administration and vasodilating properties. This presents market growth opportunities for Remodulin, Tyvaso and Adcirca as viable alternatives or complementary treatments to existing therapies. Furthermore, the market should continue to expand as more patients are diagnosed with PAH each year. United Therapeutics is, therefore, well-positioned to gain additional share in the PAH market.

### **Reasons To Sell:**

✓ Intense Competition: Even though United Therapeutics has four products for the treatment of PAH, competition in this market is intense. The majority of PAH patients start out on oral ETRA treatments that include Gilead's Letairis and Acelion's Tracleer. PDE-5 agents including Pfizer's Revatio (sildenafil, sold as Viagra for erectile dysfunction) also gained significant front-line use, thanks to their oral administration and vasodilating properties. Meanwhile, Actelion's (now a part of J&J) Uptravi competes directly with Orenitram.

Moreover, competition in the market has increased with the entry of generic versions of Revatio, Letairis and Tracleer. A generic version of Gilead's Letairis was launched in May 2019 while that of Actelion's Tracleer was launched in June, both by Teva in the United States.

Competition in the PAH market is increasing.
Moreover, two of its biggest products —
Remodulin and Adcirca —
lost exclusivity in 2018 and generics have been launched.

We believe competition will continue to increase with several companies working on bringing additional therapies to the market. Several investigational PAH therapies are in the later stages of development including LIQ861by Liquidia Technologies and Bardoxolone, an oral therapy being developed by Reata Pharmaceuticals.

▼ Dependence on Remodulin, Upcoming Generic Competition: We are concerned about the company's dependence on Remodulin for revenues. Remodulin, which accounted for 40% of total sales in 2019, lost exclusivity in June 2018. A generic version was launched by Novartis' Sandoz in March 2019. Par Sterile Products and Teva received FDA approval for their Remodulin generics in September and October 2019, respectively, and may launch the same in the United States soon. More generics may be unveiled in Europe and the United Sates, which may reduce revenues from this product in the future quarters.

Addirca lost patent exclusivity in May 2018 and a generic formulation was launched by Mylan in August 2018 and by additional companies in February 2019. This significantly lowered Addirca sales in 2019 with the trend expected to persist in 2020.

Importantly, though United Therapeutics is a leader in PAH, a lack of product as well as pipeline diversification beyond PAH is a concern.

▼ Setback for Remodulin Life Cycle Management Plans: The company's life cycle management plans for Remodulin faced a setback with the FDA issuing a response letter to partner Medtronic for its premarket approval application (PMA) for the catheter for ISR, saying that the PMA is not approvable. The agency noted various measures that Medtronic needs to take for approval of the PMA. United Therapeutics also received a complete response letter for its NDA requesting FDA approval for the use of Remodulin with ISR. The CRL indicated that the FDA cannot approve the NDA before Medtronic's PMA is approved. Both the NDA and PMA have to be approved in order to launch ISR in the U.S.

Though Medtronic's pre-market approval for the ISR device was given approval by the FDA in December 2017, the launch is pending on the satisfaction of further regulatory requirements by Medtronic which are not expected to be fulfilled in 2020. Launch of the ISR is not expected before 2021.

## **Last Earnings Report**

# United Therapeutics Q4 Earnings & Sales Miss

United Therapeutics reported earnings of \$1.20 per share for the fourth quarter of 2019, which declined 18.9% year over year. The Zacks Consensus Estimate was pegged at \$2.47.

The abovementioned earnings include the impact of share-based compensation expenses, license-related fees, unrealized gains/losses on equity securities and other items. Excluding these items, adjusted earnings were \$1.96 per share compared with \$3.34 per share in the year-ago quarter.

Quarter Ending	12/2019
Report Date	Feb 26, 2020
Sales Surprise	-11.10%
EPS Surprise	-51.42%
Quarterly EPS	1.20
Annual EPS (TTM)	11.42

Revenues for the reported quarter were \$311.1 million, which missed the Zacks Consensus Estimate of \$350 million. Revenues also fell 18.4% year over year.

In the quarter, sales of United Therapeutics' PAH products, Remodulin, Tyvaso and Orenitram, were hurt by inventory destocking by one distributor.

#### **Quarter in Detail**

Addirca sales were \$27.8 million, down 33% year over year as generic competition resulted in lower volumes in the quarter. Orenitram sales amounted to \$50.9 million in the reported quarter, up 3% year over year due to an increase in the number of patients being treated with the drug and price hikes, which partially offset the negative impact of the distributor adjustment. Tyvaso sales totaled \$91.4 million, down 14% year over year. Remodulin sales were \$107.4 million, down 32% year over year due to the distributor adjustment and unfavorable patient mix as some higher dosage patients switched to generic treprostinil. However, the company specified that despite generic availability, U.S. patient demand for Remodulin remains stable. Lower international sales also hurt Remodulin sales in the fourth quarter.

Unituxin's (for the treatment of pediatric patients with high-risk neuroblastoma) sales of \$33.6 million were up 39% year over year due to an increase in the number of vials sold and price increases.

Research and development (R&D) expenses were \$109.6 million in the quarter, down 22% year over year as higher costs for pipeline development were offset by easy comparison with the fourth quarter of 2018, which included a one-time payment to MannKind under a licensing agreement. General and administrative expense rose 6% to \$61.7 million in the quarter while sales and marketing costs went up by 10% to \$18.6 million.

#### 2019 Results

Full-year 2019 sales declined 11% to \$1.44 billion, missing the Zacks Consensus Estimate of \$1.49 billion. Adjusted earnings of \$12.94 per share declined 15.8% year over year.

#### 2020 Outlook

In 2020, United Therapeutics expects its revenues to grow above 2019 levels, primarily driven by expanded Orenitram label reflecting the FREEDOM-EV results and higher Remodulin revenues. United Therapeutics expects Remodulin U.S. sales growth in 2020 despite facing generic headwinds on continued new patient starts and patient growth following RemUnity launch

#### Pipeline Update

Along with the earnings release, United Therapeutics said it expects to launch ISR in 2021, delayed from the prior expectation of 2020.

Also, United Therapeutics' Trevyent disposable treprostinil pump system is under review with the FDA. However, along with the earnings release, the company said that the FDA's current action date of Apr 27, 2020 for Trevyent may be extended as the regulatory agency noticed some deficiencies in the NDA and asked for some information. Though the company has provided some information to address the deficiencies, it believes the action date may be extended or the FDA may issue a complete response letter if it is not satisfied with the company's response.

### **Recent News**

### Additional Data from FREEDOM-EV Study - Apr 23

United Therapeutics announced additional data from the FREEDOM-EV study in presentations in recent healthcare conferences. The data showed that Orenitram demonstrated improvement in hemodynamic parameters and risk status which are important indicators of long-term outcomes in PAH patients

### Final FDA Clearance for RemUnity - Feb 24

United Therapeutics announced that it has received an FDA clearance for a special 510(k) filing for RemUnity which it has developed in partnership with DEKA. United Therapeutics expects to launch the product in July.

## INCREASE Study on Tyvaso Meets Primary & Secondary Endpoints - Feb 24

United Therapeutics announced that the pivotal phase III INCREASE study evaluating Tyvaso in patients with PAH associated with interstitial lung disease met its primary efficacy endpoint of demonstrating improvement in six-minute walk distance. The study also met its key secondary endpoints. The company plans to submit a supplemental new drug application to expand the Tyvaso label to include INCREASE study data by mid-2020.

### **Valuation**

United Therapeutics' shares rose 26.7 % in the year-to-date period and 9.5% over the trailing 12-month period. Stocks in the Zacks sub-industry and sector are down 12.1% and 3.4% in the year-to-date period. Over the past year, the Zacks sub-industry is down 13.5% while the sector is up 1.2%.

The S&P 500 index is down 12.1% in the year-to-date period and 4.2% in the past year.

The stock is currently trading at 3.39X trailing 12-month sales per share which compares to 2.41X for the Zacks sub-industry, 3.03X for the Zacks sector and 3.05X for the S&P 500 index.

Over the past five years, the stock has traded as high as 6.88X and as low as 2.12X, with a 5-year median of 3.32X. Our Neutral recommendation indicates that the stock will perform in-line with the market. Our \$128 price target reflects 3.9X trailing 12-month sales per share.

The table below shows summary valuation data for UTHR

	Valuation M	ultiple	s - UTHR		
		Stock	Sub-Industry	Sector	S&P 500
	Current	3.39	2.41	3.03	3.05
P/S TTM	5-Year High	6.88	4.23	4.16	3.67
	5-Year Low	2.12	1.89	2.39	2.49
	5-Year Median	3.32	2.64	3.25	3.18
	Current	1.76	1.42	3.75	3.76
P/B TTM	5-Year High	7.97	12.71	5.04	4.54
	5-Year Low	1.36	0.98	3.02	2.9
	5-Year Median	2.76	2.52	4.29	3.65

As of 4/27/2020

# Industry Analysis Zacks Industry Rank: Top 3% (8 out of 253)

#### ■ Industry Price 14 - Industry ■ Price 12-/

# **Top Peers**

Company (Ticker)	Rec F	Rank
AMNEAL PHARMACEUTICALS, INC. (AMRX)	Neutral	3
Forward Pharma A/S (FWP)	Neutral	NA
Hypermarcas (HYPMY)	Neutral	NA
Ionis Pharmaceuticals, Inc. (IONS)	Neutral	2
Neurocrine Biosciences, Inc. (NBIX)	Neutral	3
Orion OYJ Unsponsored ADR (ORINY)	Neutral	2
Recordati Industria Chimica E Farmaceutica S.P.A. (RCDTF)	Neutral	2
USANA Health Sciences, Inc. (USNA)	Neutral	2

Industry Comparison Industry	y: Medical - Drug	S		Industry Peers	
	UTHR	X Industry	S&P 500	AMRX	RCDTI
Zacks Recommendation (Long Term)	Neutral	-	-	Neutral	Neutra
Zacks Rank (Short Term)	2	-	-	3	2
VGM Score	С	-	-	C	В
Market Cap	4.90 B	103.54 M	19.77 B	1.06 B	8.58 E
# of Analysts	5	3	14	7	,
Dividend Yield	0.00%	0.00%	2.13%	0.00%	0.00%
Value Score	В	-	-	A	C
Cash/Price	0.30	0.25	0.06	0.16	0.08
EV/EBITDA	-53.55	-1.49	12.09	18.34	NA
PEG Ratio	NA	1.10	2.36	0.50	NA
Price/Book (P/B)	1.76	2.87	2.70	3.05	6.54
Price/Cash Flow (P/CF)	NA	10.15	10.70	3.14	19.67
P/E (F1)	11.08	15.79	18.72	7.27	18.73
Price/Sales (P/S)	3.38	5.14	2.12	0.65	NA.
Earnings Yield	9.02%	-17.74%	5.19%	13.88%	5.34%
Debt/Equity	0.22	0.02	0.72	7.87	0.85
Cash Flow (\$/share)	-1.34	-0.49	7.01	1.13	2.09
Growth Score	D	-	-	F	В
Hist. EPS Growth (3-5 yrs)	29.43%	3.80%	10.88%	NA	NA.
Proj. EPS Growth (F1/F0)	521.17%	16.85%	-5.87%	38.77%	9.50%
Curr. Cash Flow Growth	-109.37%	4.12%	5.92%	-22.91%	NA.
Hist. Cash Flow Growth (3-5 yrs)	NA%	6.17%	8.55%	21.48%	N/
Current Ratio	4.03	3.05	1.23	2.20	2.70
Debt/Capital	17.75%	6.69%	43.90%	88.73%	46.02%
Net Margin	-7.21%	-115.64%	11.32%	-22.25%	NA
Return on Equity	-4.03%	-62.77%	16.60%	15.09%	NA
Sales/Assets	0.37	0.31	0.55	0.41	NA.
Proj. Sales Growth (F1/F0)	-4.26%	0.00%	-1.15%	13.12%	7.90%
Momentum Score	С	-	-	C	Α
Daily Price Chg	0.33%	1.05%	2.63%	10.31%	0.00%
1 Week Price Chg	6.30%	0.55%	-1.74%	-5.60%	0.00%
4 Week Price Chg	14.95%	12.15%	8.71%	14.98%	8.96%
12 Week Price Chg	16.76%	-12.74%	-17.57%	-20.32%	1.54%
52 Week Price Chg	9.51%	-30.66%	-11.60%	-72.51%	18.22%
20 Day Average Volume	603,148	170,015	2,734,148	1,679,575	15
(F1) EPS Est 1 week change	0.00%	0.00%	0.00%	-0.45%	0.00%
(F1) EPS Est 4 week change	0.00%	0.00%	-6.57%	-8.71%	0.00%
(F1) EPS Est 12 week change	3.74%	0.00%	-12.64%	-4.00%	0.00%
(Q1) EPS Est Mthly Chg	0.00%	0.00%	-10.33%	-13.64%	N/

## **Zacks Stock Rating System**

We offer two rating systems that take into account investors' holding horizons: Zacks Rank and Zacks Recommendation. Each provides valuable insights into the future profitability of the stock and can be used separately or in combination with each other depending on your investment style.

### **Zacks Recommendation**

The Zacks Recommendation aims to predict performance over the next 6 to 12 months. The foundation for the quantitatively determined Zacks Recommendation is trends in the company's estimate revisions and earnings outlook. The Zacks Recommendation is broken down into 3 Levels; Outperform, Neutral and Underperform. Unlike many Wall Street firms, we have an excellent balance between the number of Outperform and Neutral recommendations. Our team of 70 analysts are fully versed in the benefits of earnings estimate revisions and how that is harnessed through the Zacks quantitative rating system. But we have given our analysts the ability to override the Zacks Recommendation for the 1200 stocks that they follow. The reason for the analyst over-rides is that there are often factors such as valuation, industry conditions and management effectiveness that a trained investment professional can spot better than a quantitative model.

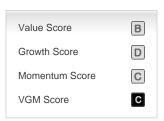
### **Zacks Rank**

The Zacks Rank is our short-term rating system that is most effective over the one- to three-month holding horizon. The underlying driver for the quantitatively-determined Zacks Rank is the same as the Zacks Recommendation, and reflects trends in earnings estimate revisions.

## **Zacks Style Scores**

The Zacks Style Score is as a complementary indicator to the Zacks rating system, giving investors a way to focus on the highest rated stocks that best fit their own stock picking preferences.

Academic research has proven that stocks with the best Value, Growth and Momentum characteristics outperform the market. The Zacks Style Scores rate stocks on each of these individual styles and assigns a rating of A, B, C, D and F. We also produce the VGM Score (V for Value, G for Growth and M for Momentum), which combines the weighted average of the individual Style Scores into one score. This is perfectly suited for those who want their stocks to have the best scores across the board.



As an investor, you want to buy stocks with the highest probability of success. That means buying stocks with a Zacks Recommendation of Outperform, which also has a Style Score of an A or a B.

#### **Disclosures**

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