UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of Earliest Event Reported):

May 15, 2017 (May 15, 2017)

Cumberland Pharmaceuticals Inc.

(Exact name of registrant as specified in its charter)

<u>Tennessee</u>

<u>001-33637</u>

(Commission File Number)

<u>62-1765329</u> (I.R.S. Employer Identification No.)

(State or other jurisdiction of incorporation)

2525 West End Avenue, Suite 950, Nashville, Tennessee

(Address of principal executive offices)

Registrant's telephone number, including area code:

Not Applicable

Former name or former address, if changed since last report

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

[] Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

[] Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

[] Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

[] Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company \Box

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. \Box

37203 (Zip Code)

(615) 255-0068

Item 2.02 Results of Operations and Financial Condition.

On May 15, 2017, Cumberland Pharmaceuticals Inc. (the "Company") issued a press release announcing the operating results for the three months ended March 31, 2017. A copy of the press release is furnished as Exhibit 99.1.

This information is furnished pursuant to Item 2.02 of Form 8-K and shall not be deemed filed for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise subject to the liabilities of that section, unless specifically incorporated by reference in a document filed under the Securities Act of 1933, as amended, or the Exchange Act. By filing this report on Form 8-K and furnishing this information, the Company makes no admission as to the materiality of any information in this report that is required to be disclosed solely by Item 2.02.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Cumberland Pharmaceuticals Inc.

By:

/s/ Michael Bonner

Michael Bonner Chief Financial Officer

Exhibit Index

Exhibit No.

Description

99.1

Dated: May 15, 2017

Press release dated May 15, 2017



CUMBERLAND PHARMACEUTICALS REPORTS REVENUE GROWTH OF 25% IN FIRST QUARTER 2017

- Acquired exclusive U.S. Rights to Totect[®]

- Successfully defended Acetadote[®] patent

NASHVILLE, TN (Monday, May 15, 2017) - Cumberland Pharmaceuticals Inc. (NASDAQ: CPIX), a specialty pharmaceutical company focused on hospital acute care and gastroenterology, today announced first quarter 2017 financial results with Net Revenues of \$9.6 million and Adjusted Earnings of \$0.3 million or \$0.02 per share. As of March 31, 2017, the Company had approximately \$92 million in Total Assets including \$50 million in cash and marketable securities.

QUARTER HIGHLIGHTS:

- Announced the acquisition of exclusive U.S. rights to Totect[®] through an agreement with the Clinigen Group plc.
- Two new Caldolor[®] study manuscripts published, adding to the growing body of literature supporting the product.
- Successfully defended Acetadote[®] patent in Federal Appeals Court.
- Welcomed Kenneth Krogulski, President and Chief Executive Officer of Berkshire Asset Management LLC, to the Company's

Board of Directors.

"We are off to a fast start in 2017," said A.J. Kazimi, Chief Executive Officer of Cumberland Pharmaceuticals. "We have already had a series of positive developments this year that will make important contributions toward our goal of delivering long-term sustainable growth."

KEY DEVELOPMENTS:

Totect®

Cumberland announced an agreement with the Clinigen Group plc to acquire exclusive U.S. rights to the FDA approved oncology support drug, Totect[®]. This is the second product Clinigen has licensed to Cumberland under a strategic alliance entered into between the companies.

Totect is an FDA-approved emergency oncology intervention which is indicated to reverse the toxic effects of extravasation associated with anthracycline chemotherapy. Extravasation occurs when an injected medicine escapes from the blood vessels and circulates into surrounding tissues in the body causing severe damage and serious complications. Totect can reverse such damage without the need for additional surgeries and procedures, enabling patients to continue their essential anti-cancer treatment.

Under the terms of the agreement, Cumberland will be responsible for all marketing, promotion, and distribution of the product in the United States. Clinigen will retain responsibility for manufacturing and regulatory management of the product. The U.S. launch of Totect is currently expected in late 2017.

Caldolor®

Early in the first quarter, Cumberland announced the publication of a multicenter clinical study demonstrating that Caldolor[®] delivered significant fever reduction in hospitalized children.

The study evaluated the efficacy and safety of intravenous ibuprofen in pediatric patients, six months and older, with fever. Results from the study demonstrated that a single 10 mg/kg dose of intravenous ibuprofen provided a significant reduction of temperature in the pediatric patients and provides an effective option for reducing fever in children. This pivotal data published in the British BMC Pediatrics Journal supported the FDA approval of Caldolor for use in this pediatric patient population.

In March 2017, the Company announced the publication of a trial providing evidence that using Caldolor in multimodal pain control strategies improves postoperative pain control and reduces opioid use in patients undergoing surgery.

The trial compared outcomes in two groups of patients treated with multimodal pain management protocols following transsphenoidal surgery for pituitary lesions: Group 1 patients treated intraoperatively with IV Ibuprofen (Caldolor 800 mg.), scheduled oral acetaminophen and rescue opioids, versus Group 2 patients treated with IV saline placebo, scheduled oral acetaminophen, and rescue opioids. The patients receiving Caldolor demonstrated a significant reduction of 43% in their mean pain scores compared with those receiving placebo. Opioid use was also significantly impacted with a 58% reduction in the Caldolor Group patients compared to Placebo Group patients.

The trial was conducted at the Department of Neurosurgery, Barrow Neurological Institute, St. Joseph's Hospital and Medical Center in Phoenix, Arizona. The study results were published in the Journal of Neurosurgery, March 2017.

Acetadote®

In January 2017, a Federal Appeals Court affirmed the District Court ruling in the Company's favor in its lawsuit for infringement of its Acetadote Patent. The Appeals Court opinion affirmed the District Court's ruling, expressly rejecting validity challenges, and upholding Cumberland's Patent. Since 2012, the USPTO has a series of patents associated with Acetadote, Cumberland's injectable formulation of N-Acetylcysteine ("NAC") for the treatment of acetaminophen overdose.

Board of Directors Appointment

In January 2017, Cumberland announced the addition of Kenneth J. Krogulski, CFA to the Company's Board of Directors. Mr. Krogulski is the President and Chief Executive Officer of Berkshire Asset Management LLC. He is also the Chief Investment Officer of Berkshire, an SEC-registered investment advisory firm. Mr. Krogulski has over 38 years of experience in security analysis and portfolio management. Under his leadership, Berkshire's assets under supervision have grown from \$600 million in 2006 to over \$1.7 billion in 2017.

FINANCIAL RESULTS:

Net Revenue: For the three months ended March 31, 2017, net revenues were \$9.6 million, compared to \$7.7 million for the prior year period. Net revenue by product for the three months ended March 31, 2017, included \$3.7 million for Ethyol[®], \$2.4 million for Kristalose[®], \$1.3 million for Acetadote[®] (including \$0.9 million for the Company's Authorized Generic) \$0.8 million for Caldolor[®], \$0.7 million for Vaprisol[®], and \$0.6 million for Omeclamox[®]-Pak.

Operating Expenses: Total operating expenses for the three months ended March 31, 2017 were \$10.3 million, compared to \$8.2 million during the prior year period. The primary reasons for this increase were the additional cost of goods sold and royalty expenses associated with the growth in sales.

Earnings: Net income (loss) for the first quarter of 2017 was \$(1.3) million or \$(0.08) per diluted share, compared to \$(0.3) million or \$(.02) a share for the prior year period. This difference was impacted by a non-cash charge to taxes associated with an increase in the valuation allowance for prior Research and Development tax credits. Adjusted Earnings for the first quarter were \$0.3 million or \$0.02 per diluted share, similar to the prior year period. The definition and reconciliation of Adjusted Earnings to net income (loss) is provided in this release.

Balance Sheet: At March 31, 2017, Cumberland had \$50.5 million in cash and marketable securities, including approximately \$35.0 million in cash and equivalents. Total Assets at March 31, 2017 were \$91.9 million. Total Liabilities were \$19.6 million, including \$4.1 million outstanding on the Company's revolving line of credit, resulting in Total Shareholder's Equity of \$72.4 million.

Cumberland also has approximately \$44 million in tax net operating loss carryforwards, resulting from the prior exercise of stock options. As part of the adoption of the recent Stock Compensation standard, these tax net operating loss carryforwards resulted in the addition of a new tax asset to the balance sheet along with a significant allowance. The net change in deferred tax assets was an increase of \$0.41 million for the first quarter.

Conference Call and Webcast

A conference call and live Internet webcast will be held on Monday, May 15, 2017 at 4:30 p.m. Eastern Time to discuss the Company's first quarter 2017 financial results. To participate in the call, please dial 877-303-1298 (for U.S. callers) or 253-237-1032 (for international callers). A rebroadcast of the teleconference will be available for one week and can be accessed by dialing 855-859-2056 (for U.S. callers) or 404-537-3406 (for international callers). The Conference ID for the rebroadcast is 11376419. The live webcast and rebroadcast can be accessed via Cumberland's website at http://investor.shareholder.com/cpix/events.cfm.

About Cumberland Pharmaceuticals

Cumberland Pharmaceuticals Inc. is a specialty pharmaceutical company focused on acquisition, development and commercialization of branded prescription products. The Company's primary target markets include hospital acute care and gastroenterology. Cumberland's six marketed products include Acetadote[®] (*acetylcysteine*) Injection for the treatment of acetaminophen poisoning, Caldolor[®] (*ibuprofen*) Injection, for the treatment of pain and fever, Kristalose[®] (*lactulose*) for Oral Solution, a prescription laxative, Vaprisol[®] (*conivaptan*) Injection, for the treatment of hyponatremia and Omeclamox-Pak[®] for the treatment of *H. pylori* infection and duodenal ulcer disease, and Ethyol[®] (amifostine) for Injection, for the treatment of oncology patients. Cumberland is developing Hepatoren[®] (*ifetroban*) Injection for the treatment of Hepatorenal Syndrome, Boxaban[®] (*ifetroban*) Oral Capsule for the treatment of Aspirin-Exacerbated Respiratory Disease, VasculanTM (ifetroban) Oral Capsule for the treatment of systemic sclerosis, and PortabanTM, for the treatment of portal hypertension Cumberland is dedicated to providing innovative products that improve quality of care for patients. For more information on Cumberland's approved products, including full prescribing information, please visit the individual product websites, links to which can be found on the Company's website www.cumberlandpharma.com.

About Acetadote[®] (acetylcysteine) Injection

Acetadote, administered intravenously within 8 to 10 hours after ingestion of a potentially hepatotoxic quantity of acetaminophen, is indicated to prevent or lessen hepatic injury. Used in the emergency department, Acetadote is approved in the United States to treat overdose of acetaminophen, a common ingredient in many over-the-counter medications. Acetadote is contraindicated in patients with hypersensitivity or previous anaphylactoid reactions to acetylcysteine or any components of the preparation. Serious anaphylactoid reactions, including death in a patient with asthma, have been reported in patients administered acetylcysteine intravenously. Acetadote should be used with caution in patients with asthma or where there is a history of bronchospasm. The total volume administered should be adjusted for patients weighing less than 40 kg and for those requiring fluid restriction. To avoid fluid overload, the volume of diluent should be reduced as needed. If volume is not adjusted, fluid overload can occur, potentially resulting in hyponatremia, seizure and death. For full prescribing information, visit <u>www.acetadote.com</u>.

About Caldolor[®] (ibuprofen) Injection

Caldolor is indicated in adults and pediatric patients for the management of mild to moderate pain and management of moderate to severe pain as an adjunct to opioid analgesics, as well as the reduction of fever. It was the first FDA-approved intravenous therapy for fever. Caldolor is contraindicated in patients with known hypersensitivity to ibuprofen or other NSAIDs, patients with a history of asthma or other allergic type reactions after taking aspirin or other NSAIDs. Caldolor is contraindicated for use during the perioperative period in the setting of coronary artery bypass graft (CABG) surgery. Caldolor should be used with caution in patients with prior history of ulcer disease or GI bleeding, in patients with fluid retention or heart failure, in the elderly, those with renal impairment, heart failure, liver impairment, and those taking

diuretics or ACE inhibitors. Blood pressure should be monitored during treatment with Caldolor. For full prescribing information, including boxed warning, visit <u>www.caldolor.com</u>.

About Kristalose[®] (lactulose) Oral Solution

Kristalose is indicated for the treatment of acute and chronic constipation. It is a unique, proprietary, crystalline form of lactulose, with no restrictions on length of therapy or patient age. Initial dosing may produce flatulence and intestinal cramps, which are usually transient. Excessive dosage can lead to diarrhea with potential complications such as loss of fluids, hypokalemia and hypernatremia. Nausea and vomiting have been reported. Use with caution in diabetics. Kristalose is contraindicated in patients who require a low-galactose diet. Elderly, debilitated patients who receive lactulose for more than six months should have serum electrolytes (potassium, chloride, carbon dioxide) measured periodically. For full prescribing information, visit www.kristalose.com.

About Omeclamox[®]-Pak (omeprazole, clarithromycin, amoxicillin)

Omeprazole is an antisecretory drug, which works by decreasing the amount of acid the stomach produces. Clarithromycin and amoxicillin are antibacterial drugs, which inhibit the growth of bacteria allowing the stomach lining to heal. Omeclamox-Pak is contraindicated in patients with a history of hypersensitivity to omeprazole, any macrolide antibiotic or penicillin. The safety and effectiveness of Omeclamox-Pak in the pediatric population has not yet been established. Omeclamox-Pak was approved by the U.S. Food and Drug Administration in 2011. For full prescribing information, visit <u>www.omeclamox.com</u>.

About Vaprisol[®] (conivaptan hydrochloride) Injection

Vaprisol is an intravenous treatment for hyponatremia used in the critical care setting. Hyponatremia is an electrolyte disturbance in which sodium ion concentration in blood plasma is lower than normal. This can be associated with a variety of critical care conditions including congestive heart failure, liver failure, kidney failure and pneumonia. The product is a vasopressin receptor antagonist that raises serum sodium levels and promotes free water secretion. Vaprisol was approved by the U.S. Food and Drug Administration in 2005 for euvolemic hyponatremia and in 2007 for hypervolemic hyponatremia. For full prescribing information, visit <u>www.vaprisol.com</u>.

About Ethyol[®] (amifostine) Injection

Ethyol is indicated to reduce the cumulative renal toxicity associated with repeated administration of cisplatin in patients with advanced ovarian cancer. It is indicated to reduce the incidence of moderate to severe xerostomia in patients undergoing post-operative radiation treatment for head and neck cancer, where the radiation port includes a substantial portion of the parotid glands.

About Cumberland Emerging Technologies (CET)

Cumberland Emerging Technologies, Inc. (<u>www.cet-fund.com</u>) is a joint initiative between Cumberland Pharmaceuticals Inc., Vanderbilt University, LaunchTN, and Gloria Pharmaceuticals. The mission of CET is to advance biomedical technologies and products conceived at Vanderbilt University and other regional research centers towards the marketplace. CET helps manage the development and commercialization process for select projects, and provides expertise on intellectual property, regulatory, manufacturing and marketing issues that are critical to successful new biomedical products. CET's Life Sciences Center, provides laboratory space, equipment and infrastructure for CET's activities and other early-stage life sciences ventures.

Forward-Looking Statements

This announcement contains forward-looking statements, which are subject to certain risks and reflect Cumberland's current views on future events based on what it believes are reasonable assumptions. No assurance can be given that these events will occur. As with any business, all phases of Cumberland's operations are subject to factors outside of its control, and any one or combination of these factors could materially affect Cumberland's results of operations. These factors include market conditions, competition, an inability of manufacturers to produce Cumberland's products on a timely basis or failure of manufacturers to comply with regulations applicable to pharmaceutical manufacturers, maintaining an effective sales and marketing infrastructure and other factors discussed in the Company's most recent Form 10-K and subsequent 10-Q's as filed with the SEC. There can be no assurance that results anticipated by the Company will be realized or that they will have the expected effects. Readers are cautioned not to place undue reliance on forward-looking statements, which speak only as of the date hereof. The Company does not undertake any obligation to publicly revise these statements to reflect events after the date hereof.

Investor Contact: Erin Smith Corporate Relations (615) 255-0068

SOURCE: Cumberland Pharmaceuticals Inc.

Media Contact: Rebecca Kirkham Lovell Communications (615) 297-7766

- MORE -

CUMBERLAND PHARMACEUTICALS INC. AND SUBSIDIARIES Condensed Consolidated Balance Sheets (Unaudited)

	March 31, 2017	December 31, 2016		
ASSETS				
Current assets:				
Cash and cash equivalents	\$ 34,974,242	\$	34,510,330	
Marketable securities	15,478,547		15,622,111	
Accounts receivable, net of allowances	4,934,779		7,330,127	
Inventories, net	5,646,904		5,371,729	
Other current assets	2,507,876		2,710,967	
Total current assets	63,542,348		65,545,264	
Property and equipment, net	538,358		464,454	
Intangible assets, net	22,079,180		22,154,176	
Other assets	2,164,236		2,120,742	
Deferred tax assets, net	3,537,483		3,119,930	
Total assets	91,861,605		93,404,566	
LIABILITIES AND EQUITY				
Current liabilities:				
Accounts payable	\$ 7,269,644	\$	8,036,611	
Other current liabilities	6,801,185		6,755,652	
Total current liabilities	 14,070,829		14,792,263	
Revolving line of credit	4,100,000		4,100,000	
Other long-term liabilities	1,478,623		1,391,484	
Total liabilities	19,649,452		20,283,747	
Commitments and contingencies				
Equity:				
Shareholders' equity:				
Common stock—no par value; 100,000,000 shares authorized; 16,065,301 and 16,074,176 shares issued and outstanding as of March 31, 2017 and December 31, 2016,				
respectively	53,945,247		54,643,268	
Retained earnings	 18,413,409		18,604,931	
Total shareholders' equity	72,358,656		73,248,199	
Noncontrolling interests	 (146,503)		(127,380)	
Total equity	 72,212,153		73,120,819	
Total liabilities and equity	\$ 91,861,605	\$	93,404,566	

CUMBERLAND PHARMACEUTICALS INC. AND SUBSIDIARIES Condensed Consolidated Statements of Operations and Comprehensive Income (loss) (Unaudited)

Costs and expenses: 1,381,497 1,223,933 Selling and marketing 5,293,020 3,698,966 Research and development 898,363 706,477 General and administrative 2,110,233 2,077,977 Amortization 611,444 530,771 Total costs and expenses 10,294,557 8,238,111 Operating income (loss) (657,802) (500,582) Interest income 52,535 77,122 Interest expense (31,715) (20,442) Income (loss) before income taxes (656,587) 175,333 Net income (loss) attributable to noncontrolling interests 11,93,2569 (268,555) Net income (loss) attributable to common shareholders 11,91,233 15,444 Earnings (loss) per share attributable to common shareholders 110,042,219 16,341,48 - basic 16,042,219 16,341,48 16,042,219 16,341,48 - diluted 16,042,219 16,341,48 16,042,219 16,341,48 - diluted 16,042,219 16,341,48 16,042,219 16,341,48		Three m	Three months ended March 31,				
Costs and expenses: 1,381,497 1,223,933 Selling and marketing 5,293,020 3,698,963 Research and development 898,363 706,477 General and administrative 2,110,233 2,077,977 Amortization 611,444 530,771 Total costs and expenses 010,294,557 8,238,111 Operating income (loss) (657,802) (500,582) Interest income 52,535 77,122 Interest expense (31,715) (20,442) Income (loss) before income taxes (656,587) 175,333 Net income (loss) attributable to noncontrolling interests 19,123 15,444 Net income (loss) attributable to common shareholders \$ (0,00) \$ e diluted \$ 0,000 \$ 0,000 • diluted \$ 0,000 \$ 0,000		2017		2016			
Cost of products sold 1,381,497 1,223,933 Selling and marketing 5,293,020 3,698,963 Research and development 898,363 706,477 General and administrative 2,110,233 2,077,977 Amortization 611,444 530,777 Total costs and expenses 10,294,557 8,238,111 Operating income (loss) (657,802) (500,588 Interest income 52,535 777,122 Interest income (loss) before income taxes (636,582) (443,894 Income (loss) before income taxes (636,587) 175,333 Net income (loss) (1,293,569) (268,557) Net income (loss) attributable to noncontrolling interests 19,123 15,444 Net income (loss) attributable to common shareholders \$ (0,000) \$ - basic 16,042,219 16,341,48 0.000 \$ 0.000 Weighted-average shares outstanding 16,042,219 16,341,48 16,042,219 16,341,48 - diluted 16,042,219 16,341,48 16,042,219 16,341,48 - diluted 16,042,219 16,341,48 16,042,2	Net revenues	\$ 9,636	,755 \$	7,737,532			
Selling and marketing 5,293,020 3,698,963 Research and development 898,363 706,477 General and administrative 2,110,233 2,077,977 Amortization 611,444 530,779 Indication 611,444 530,779 Total costs and expenses 10,294,557 8,238,119 Operating income (loss) (657,802) (500,58) Interest income 52,535 77,129 Interest expense (31,715) (20,444) Income (loss) before income taxes (656,587) 175,333 Net income (loss) (1,293,569) (268,55) Net income (loss) (1,293,569) (268,55) Net income (loss) attributable to common shareholders 19,123 15,444 Net income (loss) attributable to common shareholders \$ (0,00) \$ - basic \$ (0,00) \$ (0,00) \$ - basic 16,042,219 16,341,48 (0,00) \$ (0,00) \$ - basic 16,042,219 16,341,48 16,042,21	Costs and expenses:						
Research and development 898,363 706,477 General and administrative 2,110,233 2,077,977 Amortization 611,444 530,779 Interaction 611,444 530,779 Interaction 611,444 530,779 Operating income (loss) (657,802) (500,580 Interest income 52,535 77,129 Interest expense (31,715) (20,444 Income (loss) before income taxes (636,982) (443,890 Income (loss) before income taxes (656,587) 175,333 Net income (loss) (1,293,569) (268,557) Net income (loss) attributable to common shareholders 19,123 15,444 Net income (loss) attributable to common shareholders \$ (0,008) \$ - basic \$ 0,008 \$ (0,000) weighted-average shares outstanding 16,042,219 16,341,483 - diluted 16,042,219 16,341,483 - diluted 16,042,219 16,341,483 - diluted 16,042,219 16,341,483	Cost of products sold	1,381	,497	1,223,939			
General and administrative 2,110,233 2,077,97 Amortization 611,444 530,77 Intel costs and expenses 10,294,557 8,238,113 Operating income (loss) (657,802) (500,583 Interest income 52,535 77,123 Interest expense (31,715) (20,443) Income (loss) before income taxes (656,587) 175,333 Net income (loss) (656,587) 175,333 Net income (loss) (1,293,569) (268,557) Net income (loss) attributable to common shareholders 19,123 15,444 Net income (loss) attributable to common shareholders \$ (0,008) \$ (0,007) - basic \$ (0,008) \$ (0,007) \$ (0,008) \$ (0,007) - basic 16,042,219 16,341,483 (0,007) \$ (0,008) \$ (0,007) - basic 16,042,219 16,341,483 16,042,219 16,341,483 16,042,219 16,341,483 16,042,219 16,341,483 16,042,219 16,341,483 16,042,219 16,341,483 16,042,219 16,341,483 16,042,	Selling and marketing	5,293	,020	3,698,962			
Amortization 611,444 530,77 Total costs and expenses 10,294,557 8,238,111 Operating income (loss) (657,802) (500,582) Interest income 52,535 77,122 Interest expense (31,715) (20,444) Income (loss) before income taxes (636,982) (443,890) Income (loss) before income taxes (636,982) (443,890) Income (loss) before income taxes (1,293,569) (268,557) Net income (loss) (1,293,569) (268,557) Net income (loss) attributable to noncontrolling interests 19,123 15,444 Net income (loss) attributable to common shareholders \$ (1,274,446) \$ - basic 10,042,219 16,341,48 \$ (0.00) \$ (0.01) - basic 16,042,219 16,341,48 16,042,219 16,341,48 \$ - diluted 16,042,219 16,341,48 \$ \$ \$ \$ \$ - basic 16,042,219 16,341,48 \$ \$ \$ \$	Research and development	898	,363	706,472			
Total costs and expenses 10,294,557 8,238,111 Operating income (loss) (657,802) (500,582) Interest income 52,535 77,121 Interest expense (31,715) (20,442) Income (loss) before income taxes (656,587) 175,333 Net income (loss) (656,587) 175,333 Net income (loss) attributable to noncontrolling interests (1,293,569) (268,557) Net income (loss) attributable to common shareholders \$ (1,274,446) \$ - basic \$ (0,08) \$ (0,07) - diluted \$ (0,08) \$ (0,07) - basic 16,042,219 16,341,48 - - diluted 16,042,219 16,341,48 - - diluted (1,274,446) (253,111) 16,341,48 - - diluted 16,042,219 16,341,48 - 16,042,219 16,341,48 - diluted (1,274,446) (253,111) 16,341,48 - 16,042,219 16,341,48 - diluted <td< td=""><td>General and administrative</td><td>2,110</td><td>,233</td><td>2,077,972</td></td<>	General and administrative	2,110	,233	2,077,972			
Operating income (loss) (657,802) (500,582) Interest income 52,535 77,129 Interest expense (31,715) (20,442) Income (loss) before income taxes (636,982) (443,893) Income tax (expense) benefit (656,587) 175,333 Net income (loss) (1,293,569) (268,557) Net income (loss) attributable to noncontrolling interests 19,123 15,444 Net income (loss) attributable to common shareholders \$ (1,274,446) \$ (253,11) Earnings (loss) per share attributable to common shareholders \$ (0,08) \$ (0,02) - basic \$ (0,08) \$ (0,02) \$ (0,341,48) - diluted 16,042,219 16,341,48 • (1,274,446) \$ (253,11) Keighted-average shares outstanding 1 16,042,219 16,341,48 • (1,274,446) (253,11) Net loss at subsidiary attributable to common shareholders 1 16,042,219 16,341,48 - diluted 16,042,219 16,341,48 • (253,11) 16,341,48 • (253,11) Net loss at subsidiary attributable to noncontrolling interests	Amortization	611	,444	530,770			
Interest income 52,535 77,121 Interest expense (31,715) (20,442) Income (loss) before income taxes (636,982) (443,890) Income tax (expense) benefit (656,587) 175,333 Net income (loss) (1,293,569) (268,557) Net income (loss) attributable to noncontrolling interests 19,123 15,444 Net income (loss) attributable to common shareholders \$ (1,274,446) \$ (253,11) Earnings (loss) per share attributable to common shareholders \$ (0,08) \$ (0,00) - basic \$ (0,08) \$ (0,00) \$ (0,01) - basic 16,042,219 16,341,480 16,042,219 16,341,480 - diluted 16,042,219 16,341,480 16,042,219 16,341,480 - Net loss at subsidiary attributable to noncontrolling interests	Total costs and expenses	10,294	,557	8,238,115			
Interest expense (31,715) (20,44) Income (loss) before income taxes (636,982) (443,890) Income tax (expense) benefit (656,587) 175,333 Net income (loss) (1,293,569) (268,557) Net loss at subsidiary attributable to noncontrolling interests 19,123 15,444 Net income (loss) attributable to common shareholders \$ (1,274,446) \$ (253,111) Earnings (loss) per share attributable to common shareholders \$ (0,08) \$ (0,00) - basic \$ (0,08) \$ (0,00) - diluted \$ (0,02,219) 16,341,48 - diluted 16,042,219 16,341,48 - Net loss at subsidiary attributable to common shareholders (1,274,446) (253,111)	Operating income (loss)	(657	,802)	(500,583)			
Income (loss) before income taxes (636,982) (443,890) Income tax (expense) benefit (656,587) 175,333 Net income (loss) (1,293,569) (268,557) Net loss at subsidiary attributable to noncontrolling interests 19,123 15,444 Net income (loss) attributable to common shareholders \$ (1,274,446) \$ (253,111) Earnings (loss) per share attributable to common shareholders \$ (0,08) \$ (0,00) - basic \$ (0,08) \$ (0,00) \$ (0,00) - basic 16,042,219 16,341,48 - diluted 16,042,219 16,341,48 Comprehensive income (loss) attributable to common shareholders (1,274,446) (253,111) Net loss at subsidiary attributable to noncontrolling interests 19,123 16,341,48	Interest income	52	,535	77,129			
Income tax (expense) benefit $(656,587)$ $175,332$ Net income (loss) $(1,293,569)$ $(268,55')$ Net loss at subsidiary attributable to noncontrolling interests $19,123$ $15,444$ Net income (loss) attributable to common shareholders $$ (1,274,446)$ $$ (253,11)$ Earnings (loss) per share attributable to common shareholders $$ (0.08)$ $$ (0.00)$ - basic $$ (0.08)$ $$ (0.00)$ - diluted $$ (0.08)$ $$ (0.00)$ Weighted-average shares outstanding $16,042,219$ $16,341,483$ - diluted $16,042,219$ $16,341,483$ Comprehensive income (loss) attributable to common shareholders $(1,274,446)$ $(253,111)$ Net loss at subsidiary attributable to noncontrolling interests $19,123$ $15,444$	Interest expense	(31	,715)	(20,442)			
Net income (loss)(1,293,569)(268,557)Net loss at subsidiary attributable to noncontrolling interests19,12315,444Net income (loss) attributable to common shareholders\$ (1,274,446)\$ (253,117)Earnings (loss) per share attributable to common shareholders\$ (0.08)\$ (0.07)- basic\$ (0.08)\$ (0.07)- diluted\$ (0.08)\$ (0.07)Weighted-average shares outstanding16,042,21916,341,481- diluted16,042,21916,341,481- diluted(1,274,446)(253,117)Net loss at subsidiary attributable to common shareholders(1,274,446)(253,117)Net loss at subsidiary attributable to noncontrolling interests19,12315,444	Income (loss) before income taxes	(636	,982)	(443,896)			
Net loss at subsidiary attributable to noncontrolling interests19,12315,44Net income (loss) attributable to common shareholders\$ (1,274,446)\$ (253,11)Earnings (loss) per share attributable to common shareholders\$ (0.08)\$ (0.02)- basic\$ (0.08)\$ (0.00)- diluted\$ (0.08)\$ (0.00)Weighted-average shares outstanding16,042,21916,341,480- diluted16,042,21916,341,480Comprehensive income (loss) attributable to common shareholders(1,274,446)(253,110)Net loss at subsidiary attributable to noncontrolling interests19,12315,440	Income tax (expense) benefit	(656	,587)	175,339			
Net income (loss) attributable to common shareholders\$ (1,274,446)\$ (253,11)Earnings (loss) per share attributable to common shareholders\$ (0.08)\$ (0.07)- basic\$ (0.08)\$ (0.07)- diluted\$ (0.08)\$ (0.07)Weighted-average shares outstanding16,042,21916,341,483- basic16,042,21916,341,483- diluted16,042,21916,341,483Comprehensive income (loss) attributable to common shareholders(1,274,446)(253,113)Net loss at subsidiary attributable to noncontrolling interests19,12315,444	Net income (loss)	(1,293	,569)	(268,557)			
Earnings (loss) per share attributable to common shareholders - basic - diluted Weighted-average shares outstanding - basic - diluted 16,042,219 16,341,48 - diluted Comprehensive income (loss) attributable to common shareholders Net loss at subsidiary attributable to noncontrolling interests 1000000000000000000000000000000000000	Net loss at subsidiary attributable to noncontrolling interests	19	,123	15,446			
- basic \$ (0.08) \$ (0.07) - diluted \$ (0.08) \$ (0.07) - diluted \$ (0.08) \$ (0.07) Weighted-average shares outstanding - - basic 16,042,219 16,341,483 - diluted 16,042,219 16,341,483 - diluted 16,042,219 16,341,483 Comprehensive income (loss) attributable to common shareholders (1,274,446) (253,113) Net loss at subsidiary attributable to noncontrolling interests 19,123 15,444	Net income (loss) attributable to common shareholders	\$ (1,274	,446) \$	(253,111)			
- diluted\$(0.08)\$(0.07)Weighted-average shares outstanding <td< td=""><td>Earnings (loss) per share attributable to common shareholders</td><td></td><td></td><td></td></td<>	Earnings (loss) per share attributable to common shareholders						
Weighted-average shares outstanding 16,042,219 16,341,48 - basic 16,042,219 16,341,48 - diluted 16,042,219 16,341,48 Comprehensive income (loss) attributable to common shareholders (1,274,446) (253,11) Net loss at subsidiary attributable to noncontrolling interests 19,123 15,444	- basic	\$ (0.08) \$	(0.02)			
- basic16,042,21916,341,48- diluted16,042,21916,341,48Comprehensive income (loss) attributable to common shareholders(1,274,446)(253,11)Net loss at subsidiary attributable to noncontrolling interests19,12315,444	- diluted	\$ (0.08) \$	(0.02)			
- diluted16,042,21916,341,481Comprehensive income (loss) attributable to common shareholders(1,274,446)(253,111Net loss at subsidiary attributable to noncontrolling interests19,12315,444	Weighted-average shares outstanding						
Comprehensive income (loss) attributable to common shareholders(1,274,446)(253,11Net loss at subsidiary attributable to noncontrolling interests19,12315,44	- basic	16,042	,219	16,341,481			
Net loss at subsidiary attributable to noncontrolling interests19,12315,44	- diluted	16,042	,219	16,341,481			
	Comprehensive income (loss) attributable to common shareholders	(1,274	,446)	(253,111)			
Fotal comprehensive income (loss) \$ (1,293,569) \$ (268,55)	Net loss at subsidiary attributable to noncontrolling interests	19	,123	15,446			
	Total comprehensive income (loss)	\$ (1,293	,569) \$	(268,557)			

CUMBERLAND PHARMACEUTICALS INC. AND SUBSIDIARIES Condensed Consolidated Statements of Cash Flows (Unaudited)

	Three months ended March 31,				
		2017	2016		
Cash flows from operating activities:					
Net income (loss)	\$	(1,293,569)	\$ (268,557)		
Adjustments to reconcile net income (loss) to net cash provided by operating activities:					
Depreciation and amortization expense		661,485	582,093		
Deferred tax expense		758,112	204,067		
Share-based compensation		254,585	174,778		
Excess tax (benefit) expense derived from exercise of stock options		(92,741)	427,993		
Noncash interest expense		26,778	13,933		
Noncash investment gains		(4,807)	(46,577)		
Net changes in assets and liabilities affecting operating activities:					
Accounts receivable		2,395,348	1,254,320		
Inventories		(275,175)	196,454		
Other current assets and other assets		132,819	(534,621)		
Accounts payable and other current liabilities		(1,216,345)	(1,483,998)		
Other long-term liabilities		92,881	78,602		
Net cash provided by operating activities		1,439,371	598,487		
Cash flows from investing activities:					
Additions to property and equipment		(123,945)	(73,057)		
Purchases of marketable securities		(792,716)	(1,166,218)		
Proceeds from sale of marketable securities		941,087	910,692		
Additions to intangible assets		(453,961)	(624,898)		
Net cash used in investing activities		(429,535)	(953,481)		
Cash flows from financing activities:					
Excess tax expense derived from exercise of stock options		_	(427,993)		
Repurchase of common shares		(545,924)	(979,293)		
Net cash used in financing activities		(545,924)	(1,407,286)		
Net increase (decrease) in cash and cash equivalents		463,912	(1,762,280)		
Cash and cash equivalents at beginning of period		34,510,330	38,203,059		
Cash and cash equivalents at end of period	\$	34,974,242	\$ 36,440,779		

CUMBERLAND PHARMACEUTICALS INC. AND SUBSIDIARIES

Reconciliation of Net Income (Loss) Attributable to Common Shareholders to Adjusted Earnings and Adjusted Diluted Earnings Per Share

(Unaudited)

	Thr	Three months ended March 31, 2017				Three months ended March 31, 2016				
	Ea	Earnings impact Earnings per share impact		Earnings impact		Earnings per share impact				
Net income (loss) attributable to common shareholders	\$	(1,274,446)	\$	(0.08)	\$	(253,111)	\$	(0.02)		
Less: Net loss at subsidiary attributable to noncontrolling interests		19,123		—		15,446		_		
Net income (loss)		(1,293,569)	_	(0.08)		(268,557)		(0.02)		
Adjustments to net income (loss)										
Income tax		656,587		0.04		(175,339)		(0.01)		
Depreciation and amortization		661,485		0.04		582,093		0.04		
Share-based compensation (a)		254,585		0.02		174,778		0.01		
Interest income		(52,535)		—		(77,129)		_		
Interest expense		31,715				20,442				
Adjusted Earnings and Adjusted Diluted Earnings Per Share	\$	258,268	\$	0.02	\$	256,288	\$	0.02		
			_							
Diluted weighted-average common shares outstanding:				16,455,943				16,341,481		

The Company provided the above adjusted supplemental financial performance measures, which are considered "non-GAAP" financial measures under applicable Securities and Exchange Commission rules and regulations. These financial measures should be considered supplemental to, and not as a substitute for, financial information prepared in accordance with Generally Accepted Accounting Principles ("GAAP"). The definition of these supplemental measures may differ from similarly titled measures used by others.

Because these supplemental financial measures exclude the effect of items that will increase or decrease the Company's reported results of operations, management strongly encourages investors to review the Company's consolidated financial statements and publicly filed reports in their entirety. A reconciliation of the supplemental financial measures to the most directly comparable GAAP financial measures is included in the tables accompanying this release.

Cumberland's management believes these supplemental financial performance measures are important as they are used by management, along with financial measures in accordance with GAAP, to evaluate the Company's operating performance. In addition, Cumberland believes that they will be used by certain investors to measure the Company's operating results. Management believes that presenting these supplemental measures provides useful information about the Company's underlying performance across reporting periods on a consistent basis by excluding items that Cumberland does not believe are indicative of its core business performance or reflect long-term strategic activities. Certain of these items are not settled through cash payments and include: depreciation, amortization, share-based compensation expense and income taxes. Cumberland utilizes its net operating loss carryforwards to pay minimal income taxes. In addition, the use of these financial measures provides greater transparency to investors of supplemental information used by management in its financial and operational decision-making, including the evaluation of the Company's operating performance.

The Company defines these supplemental financial measures as follows:

- Adjusted Earnings: net income (loss) adjusted for the impact of income taxes, depreciation and amortization expense, share-based compensation and interest income and interest expense.
 - (a) Represents the share-based compensation of Cumberland.
- Adjusted Diluted Earnings Per Share: Adjusted Earnings divided by diluted weighted-average common shares outstanding.