UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 UNDER THE SECURITIES EXCHANGE ACT OF 1934

For the month of May, 2017

Commission File Number 001-35463

Taro Pharmaceutical Industries Ltd.

(Translation of registrant's name into English)

14 Hakitor Street, Haifa Bay 2624761, Israel

(Address of principal executive office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F. Form 20-F \boxtimes Form 40-F \square

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934. Yes \Box No \boxtimes

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82-____.



Taro Pharmaceutical Industries Ltd. c/o Taro Pharmaceuticals U.S.A., Inc. Three Skyline Drive Hawthorne, New York 10532 (NYSE: TARO)

FOR IMMEDIATE RELEASE

CONTACTS:

contracto.	
Mariano A. Balaguer	William J. Coote
VP, CFO	AVP, Business Finance, Treasurer and Investor Relations
(914) 345-9001	(914) 345-9001
Mariano.Balaguer@taro.com	William.Coote@taro.com

TARO PROVIDES RESULTS FOR YEAR ENDED MARCH 31, 2017

Hawthorne, NY, May 22, 2017 - Taro Pharmaceutical Industries Ltd. (NYSE: TARO) ("Taro" or the "Company") today provided unaudited financial results for the quarter and fiscal year ended March 31, 2017.

Quarter ended March 31, 2017 Highlights - compared to March 31, 2016

- Net sales of \$196.4 million, decreased \$68.7 million, or 25.9%, the result of continuing increased competition and the challenging pricing environment. Overall volumes increased 3%.
- · Gross profit of \$143.8 million decreased \$80.4 million, and as a percentage of net sales, was 73.2% compared to 84.6% for the same quarter last year.
- · Research and development expenses of \$19.9 million, remained in line with the comparable quarter.
- · Selling, marketing, general and administrative expenses (SG&A) of \$22.2 million slightly decreased.
- Operating income of \$101.7 million decreased \$80.0 million and as a percentage of net sales was 51.8% as compared to 68.6% in the prior year quarter.
- Foreign Exchange (FX) expense decreased \$41.6 million to \$5.8 million, principally due to the weakening of the U.S. dollar vs. Canadian dollar at a lower rate than in prior period.
- Tax expense decreased \$5.6 million to \$17.3 million resulting in an effective tax rate of 17.3% compared to 16.6% for the same quarter last year.
- Net Income attributable to Taro was \$83.0 million compared to \$115.0 million, resulting in diluted earnings per share of \$2.05 compared to \$2.68 for the same period last year.

Year ended March 31, 2017 Highlights - compared to March 31, 2016

- Net sales of \$879.4 million, decreased \$71.4 million, or 7.5%. Overall volumes increased 2% versus the prior year.
- · Gross profit of \$671.3 million decreased \$107.7 million and as a percentage of net sales, was 76.3% compared to 81.9%.
- · Research and development expenses of \$70.6 million decreased slightly.
- · SG&A expenses decreased \$6.7 million to \$85.7 million, principally as a result of reduced Keveyis spend and certain other savings.
- · Operating income of \$515.0 million decreased \$99.5 million, and as a percentage of net sales was 58.6% vs. 64.6%.
- FX income increased \$13.1 million to \$20.2 million, principally driven by the strengthening of the U.S. dollar vs. Canadian dollar at a slightly lower rate compared to the prior year. The FX impact is mainly balance sheet driven.
- Other gain, net of \$11.2 million increased \$8.5 million, primarily driven by the sale of Keveyis in the fiscal 2017 third quarter.
- Tax expense increased \$8.5 million, mainly due to certain tax benefits reflected in the prior year, not realized in the current year, resulting in the effective tax rate increasing to 18.5% from 15.0%.
- Net income attributable to Taro was \$456.4 million compared to \$540.9 million, resulting in diluted earnings per share of \$11.05 compared to \$12.62 for last year.

Cash Flow and Balance Sheet Highlights - compared to March 31, 2016

- · Cash provided by operations for the period ended March 31, 2017 was \$437.5 million, compared to \$395.1 million.
- As of March 31, 2017, cash, including short-term bank deposits and marketable securities of \$1.4 billion, increased \$158.1 million from March 31, 2016, despite the \$294.9 million impact from the Company's share repurchases during this fiscal year.

- more -

Taro Pharmaceutical Industries Ltd. Page 2 of 6

Mr. Abhay Gandhi, Taro's Interim CEO said, "As is commonly known, and as we have stated for quite some time, the entire generic sector, including Taro, is facing a challenging period. We continue to see a difficult generic pricing environment, particularly in the U.S., driven by intensified competition among manufacturers, new entrants to the market, buying consortium pressures, and higher ANDA approval rate from the FDA." Mr. Gandhi continued, "Based on our well-balanced portfolio, the continuing focus on R&D investment, our healthy pipeline, and the Company's strong balance sheet, we believe we are well positioned in our target markets."

FDA Approvals and Filings

The Company recently received approvals from the U.S. Food and Drug Administration ("FDA") for four Abbreviated New Drug Applications ("ANDAs"): Brompheniramine Maleate, Pseudoephedrine Hydrochloride and Dextromethorphan Hydrobromide Syrup 2 mg/5 mL, 30mg/5 mL, 10 mg/5 mL, Metronidazole Gel USP, 1%, Tazarotene Cream, 0.1% and Felbamate Tablets, 400 mg and 600 mg. The Company currently has a total of thirty-five ANDAs awaiting FDA approval, including 5 tentative approvals.

Share Repurchase Program - Returning Capital to Shareholders

On November 23, 2016, the Company announced that its' Board of Directors approved a new \$250 million share repurchase of ordinary shares. This authorization follows the successful completion of the previous \$250 million share repurchase program on August 19, 2016; under which, the Company bought back 1,801,099 of its ordinary shares, of which, 1,733,760 shares were purchased subsequent to April 1, 2016.

Under the November 2016 authorization, repurchases may be made from time to time at the Company's discretion, based on ongoing assessments of the capital needs of the business, the market price of its stock, and general market conditions. No time period has been set for the repurchase program, and any such program may be suspended or discontinued at any time. The repurchase authorization enables the Company to purchase its ordinary shares from time to time through open market purchases, negotiated transactions or other means, including 10b5-1 trading plans in accordance with applicable securities laws or other restrictions. During the fourth quarter, the Company repurchased 207,503 shares at an average price of \$103.99. During the year, the Company repurchased 2,252,725 shares between the two programs.

Purchase of Thallion Pharmaceuticals Inc.

On March 16, 2017, BELLUS Health Inc. ("BELLUS") announced that it had entered into a share purchase agreement with Taro for the sale of BELLUS" wholly-owned subsidiary Thallion Pharmaceuticals Inc. ("Thallion"), including all the rights to the drug candidate ShigamabTM. Pursuant to the agreement, Taro is acquiring all issued and outstanding shares of Thallion for a potential total consideration of CAD \$2.7 million. In addition, BELLUS will receive a portion of certain post-approval revenues related to the ShigamabTM program.

Development and Commercialization license to sell and distribute Pliaglis®

On April 25, 2017, Crescita Therapeutics Inc. ("Crescita"), announced it had entered into a development and commercialization license agreement with Taro, under which, Crescita has granted Taro an exclusive license to the rights to sell and distribute Pliaglis® in the U.S. market and for a second-generation enhanced version with patent pending.

Earnings Call (8:00 am EDT, May 23, 2017)

As previously announced, the Company will host an earnings call at 8:00 am EDT on Tuesday, May 23, 2017, where senior management will discuss the Company's performance and answer questions from participants. This call will be accessible through an audio dial-in and a web-cast. Audio conference participants can dial-in on the numbers below:

Participant Toll-Free Dial-In Number: +1 (844) 421-0601 ID: 21985230 Participant International Dial-In Number: +1 (716) 247-5800 ID: 21985230 Web-cast: More details are provided on our website, www.taro.com

To participate in the audio call, please dial the numbers provided above five to ten minutes ahead of the scheduled start time. The operator will provide instructions on asking questions before the call. The transcript of the event will be available on the Company's website at www.taro.com. An audio playback will be available for twenty four (24) days following the call.

About Taro

Taro Pharmaceutical Industries Ltd. is a multinational, science-based pharmaceutical company, dedicated to meeting the needs of its customers through the discovery, development, manufacturing and marketing of the highest quality healthcare products. For further information on Taro Pharmaceutical Industries Ltd., please visit the Company's website at <u>www.taro.com</u>.

SAFE HARBOR STATEMENT

The unaudited consolidated financial statements have been prepared on the same basis as the annual consolidated financial statements and, in the opinion of management, reflect all adjustments necessary to present fairly the financial condition and results of operations of the Company. The unaudited consolidated financial statements should be read in conjunction with the Company's audited consolidated financial statements included in the Company's Annual Report on Form 20-F, as filed with the SEC.

Certain statements in this release are forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. These statements include, but are not limited to, statements that do not describe historical facts or that refer or relate to events or circumstances the Company "estimates," "believes," or "expects" to happen or similar language, and statements with respect to the Company's financial performance, availability of financial information, and estimates of financial results and information for fiscal year 2018. Although the Company believes the expectations reflected in such forward-looking statements to be based on reasonable assumptions, it can give no assurances that its expectations will be attained. Factors that could cause actual results to differ include general domestic and international economic conditions, industry and market conditions, changes in the Company's financial position, litigation brought by any party in any court in Israel, the United States, or any country in which Taro operates, regulatory and legislative actions in the countries in which Taro operates, and other risks detailed from time to time in the Company's SEC reports, including its Annual Reports on Form 20-F. Forward-looking statements are applicable only as of the date on which they are made. The Company undertakes no obligations to update, change or revise any forward-looking statement, whether as a result of new information, additional or subsequent developments or otherwise.

****Financial Tables Follow****

TARO PHARMACEUTICAL INDUSTRIES LTD. SUMMARY CONSOLIDATED STATEMENTS OF OPERATIONS

(U.S. dollars in thousands, except share data)

	Quarter Ended March 31,				Year Ended March 31,			
	2017		2016		2017		2016	
		(unaudited)		(unaudited)		(unaudited)		(audited)
Sales, net	\$	196,414	\$	265,073	\$	879,387	\$	950,751
Cost of sales		52,494		40,749		207,860		169,743
Impairment		92		95		276		2,042
Gross profit		143,828		224,229		671,251		778,966
Operating Expenses:								
Research and development		19,878		19,948		70,644		71,160
Selling, marketing, general and administrative		22,206		22,561		85,656		92,365
Settlements and loss contingencies								973
Operating income		101,744		181,720		514,951		614,468
Financial (income) expense, net:								
Interest and other financial income		(3,654)		(2,896)		(14,468)		(12,604)
Foreign exchange expense (income)		5,830		47,478		(20,168)		(7,068)
Other gain, net		745		860		11,211		2,680
Income before income taxes		100,313		137,999		560,798		636,820
Tax expense		17,313		22,950		103,780		95,313
Income from continuing operations		83,000		115,049		457,018		541,507
Net loss from discontinued operations attributable to Taro		(38)		(34)		(352)		(236)
Net income		82,962		115,015		456,666		541,271
Net (loss) income attributable to non-controlling interest		(23)		65		310		339
Net income attributable to Taro	\$	82,985	\$	114,950	\$	456,356	\$	540,932
Net income per ordinary share from continuing								
operations attributable to Taro:								
Basic	\$	2.05	\$	2.68	\$	11.06	\$	12.63
Diluted	\$	2.05	\$	2.68	\$	11.06	\$	12.63
Net loss per ordinary share from discontinued operations attributable to Taro:								
Basic	\$	(0.00) *	\$	(0.00) *	\$	(0.01)	\$	(0.01)
Diluted	\$	(0.00) *	\$	(0.00) *	\$	(0.01)	\$	(0.01)
Net income per ordinary share attributable to Taro:	¢	2.05	\$	2.68	¢	11.05	¢	12.62
Basic	\$	2.05	_		\$	11.05	\$	12.62
Diluted	\$	2.05	\$	2.68	\$	11.05	\$	12.62
Weighted-average number of shares used to compute net income per share:								
Basic		40,566,815		42,828,338		41,300,797		42,832,241
			_		_			
Diluted		40,566,815	_	42,828,338	_	41,300,797	_	42,832,241
* Amount is less than \$0.01 May not foot due to rounding.								

May not foot due to rounding.

TARO PHARMACEUTICAL INDUSTRIES LTD. SUMMARY CONSOLIDATED BALANCE SHEETS

(U.S. dollars in thousands)

	March 31, 2017		March 31, 2016		
ASSETS	(1	unaudited)		(audited)	
CURRENT ASSETS:					
Cash and cash equivalents	\$	600,399	\$	576,757	
Short-term and current maturities of long-term bank deposits		782,813		648,297	
Marketable securities		3,548		3,572	
Accounts receivable and other:					
Trade, net		203,924		238,611	
Other receivables and prepaid expenses		266,280		270,724	
Inventories		141,045		138,553	
Long-term assets held for sale, net		1,015		1,081	
TOTAL CURRENT ASSETS		1,999,024		1,877,595	
Long-term bank deposits		70,685		115,173	
Property, plant and equipment, net		180,085		159,459	
Other assets		39,959		35,806	
TOTAL ASSETS	<u>\$</u>	2,289,753	\$	2,188,033	
LIABILITIES AND SHAREHOLDERS' EQUITY					
CURRENT LIABILITIES:					
Trade payables and other current liabilities	\$	209,837	\$	245,462	
TOTAL CURRENT LIABILITIES		209,837		245,462	
Deferred taxes and other long-term liabilities		6,110		5,427	
TOTAL LIABILITIES		215,947		250,889	
Taro shareholders' equity		2,067,494		1,931,142	
Non-controlling interest		6,312		6,002	
TOTAL LIABILITIES AND SHAREHOLDERS' EQUITY	\$	2,289,753	\$	2,188,033	

TARO PHARMACEUTICAL INDUSTRIES LTD. SUMMARY CONSOLIDATED STATEMENTS OF CASH FLOWS

(U.S. dollars in thousands)

	Year Ended March 31,					
		2017		2016		
Cash flows from operating activities:	(u	naudited)	((audited)		
Net income	\$	456,666	\$	541,271		
Adjustments required to reconcile net income to net cash provided by operating activities:						
Depreciation and amortization		14,829		14,848		
Impairment for long-lived assets		276		2,042		
Realized (gain) loss on sale of marketable securities and long-lived assets		(8,389)		74		
Change in derivative instruments, net		1,434		(6,137)		
Effect of change in exchange rate on inter-company balances and bank deposits		(21,174)		(7,778)		
Deferred income taxes, net		73,706		(11,976)		
Decrease (increase) in trade receivables, net		34,413		(16,386)		
Increase in inventories, net		(3,770)		(19,013)		
Increase in other receivables, income tax receivable, prepaid expenses and other		(75,219)		(42,858)		
Decrease in trade, income tax, accrued expenses, and other payables		(35,237)		(58,959		
Net cash provided by operating activities		437,535		395,128		
Cash flows from investing activities:						
Purchase of plant, property & equipment, net		(35,755)		(18,972)		
Proceeds from (investment in) other intangible assets		8,440		(18,972)		
Proceeds from other assets		8,440		35,000		
		10(170		,		
Proceeds from (investment in) short-term bank deposits Investment in long-term deposits and other assets		196,170 (286,607)		(220,102) (80,587)		
Proceeds from restricted bank deposits		(280,007)		(80,387)		
		(20)				
Investment in marketable securities, net		(26)		(135)		
Net cash used in investing activities		(117,778)		(284,731)		
Cash flows from financing activities:						
Purchase of treasury stock		(294,897)		(9,450)		
Repayment of long-term debt				(5,888)		
Net cash used in financing activities		(294,897)		(15,338)		
Effect of exchange rate changes on cash and cash equivalents		(1,218)		57		
Increase in cash and cash equivalents		23,642		95,116		
Cash and cash equivalents at beginning of period		576,757		481,641		
			0			
Cash and cash equivalents at end of period	\$	600,399	\$	576,757		
Cash Paid during the year for:						
Interest	\$		\$	85		
Income taxes	\$	97,782	\$	192,964		
Non-cash investing transactions:						
Purchase of property, plant and equipment included in accounts payable	\$	692	\$	1,744		

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, thereunto duly authorized.

Date: May 22, 2017

TARO PHARMACEUTICAL INDUSTRIES LTD.

By: /s/ Mariano Balaguer

Name: Mariano A. Balaguer

Title: VP, Chief Financial Officer and Chief Accounting Officer