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): August 7, 2019

ANI PHARMACEUTICALS, INC.

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation)

001-31812 (Commission File Number)

58-2301143 (I.R.S. Employer Identification Number)

210 Main Street West
Baudette, Minnesota
(Address of principal executive offices)

56623 (Zip Code)

Registrant's telephone number, including area code: (218) 634-3500

(Former name or former address, if changed since last report)

Securities registered pursuant to Section 12(b) of the Act: Title of each class: Trading Symbol(s) Name of each exchange on which registered: Common Stock ANIP Nasdaq Stock Market 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 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 \square 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. \square

Item 2.02 Results of Operations and Financial Condition.

On August 7, 2019, ANI Pharmaceuticals, Inc. ("ANI") issued a press release announcing its financial and operating results for the three and six months ended June 30, 2019. A copy of the press release is furnished as Exhibit 99.1 to this report.

In accordance with General Instruction B.2. of Form 8-K, the information in this Current Report on Form 8-K, including Exhibit 99.1, shall not be deemed to be "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, and shall not be incorporated by reference into any registration statement or other document filed under the Securities Act of 1933, as amended, or the Exchange Act, except as shall be expressly set forth by specific reference in such filing.

Item 9.01	Financial Statements and Exhibits.
(d) Exhibit	S
No.	Description
<u>99.1</u>	Press release, dated August 7, 2019, issued by ANI

SIGNATURE

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.

ANI PHARMACEUTICALS, INC.

By: /s/ Stephen P. Carey

Stephen P. Carey

Vice President, Finance and Chief Financial Officer

Dated: August 7, 2019

ANI Pharmaceuticals Reports Second Quarter Results

BAUDETTE, Minn., Aug. 7, 2019 /PRNewswire/ --

For the second quarter 2019:

- Net revenues of \$54.4 million, an increase of 15% versus prior year
- GAAP net income of \$6.6 million and diluted GAAP earnings per share of \$0.53, increases of 137% and 130% versus prior year, respectively
- Record adjusted non-GAAP EBITDA of \$23.7 million and adjusted non-GAAP diluted earnings per share of \$1.44, increases of 24% and 27% versus prior year, respectively
- Reaffirms 2019 adjusted non-GAAP EBITDA and adjusted non-GAAP diluted earnings per share guidance and updates guidance for 2019 net revenues

ANI Pharmaceuticals, Inc. ("ANI") (NASDAQ: ANIP) today reported its financial results for the three and six months ended June 30, 2019 and reaffirmed its previously issued guidance for adjusted non-GAAP EBITDA and adjusted non-GAAP earnings per share, while updating its 2019 financial guidance for net revenues. The Company will host its earnings conference call this morning, August 7, 2019, at 10:30 AM ET. Investors and other interested parties can join the call by dialing (866) 776-8875. The conference ID is 3823848.

Financial Summary

(in thousands, except per share data)	Q2 2019	Q2 2018	YTD 2019 ^(a)	YTD 2018 ^(a)
Net revenues	\$ 54,357	\$ 47,268	\$ 107,244	\$ 93,751
Net income	\$ 6,585	\$ 2,777	\$ 7,034	\$ 5,027
GAAP earnings per diluted share	\$ 0.53	\$ 0.23	\$ 0.57	\$ 0.42
Adjusted non-GAAP EBITDA(b)	\$ 23,681	\$ 19,034	\$ 45,980	\$ 40,788
Adjusted non-GAAP diluted earnings per share ^(C)	\$ 1.44	\$ 1.13	\$ 2.75	\$ 2.45

⁽a) See ANI's Form 10-Q filed August 7, 2019 for discussion of year-to-date results.

Arthur S. Przybyl, President and CEO, stated,

"ANI had a strong second quarter, generating net revenues of \$54.4 million, an increase of 15% over the prior year period, and record adjusted non-GAAP EBITDA of \$23.7 million, an increase of 24% over the prior year period. More importantly, we remain on track to file our supplemental NDA for Cortrophin® Gel in the first quarter of 2020.

Generic product revenues increased 20% over the prior year period and we launched one new generic product in late June, Ranitidine capsules. We also received FDA approval for 250 mg/5 ml Vancomycin Oral Solution, which we intend to launch in the third quarter.

During the second quarter, we continued to add to our generic portfolio, through an April distribution agreement with a specialty injectable manufacturer and the June acquisition of seven development stage generic products, which expanded our pipeline of injectable drugs to six."

ANI Updates Guidance for Net Revenues for the Full Year 2019

ANI has updated its full year guidance for net revenues due to the competitive landscape of the Methylphenidate ER market. ANI's guidance for adjusted non-GAAP EBITDA and adjusted non-GAAP earnings per diluted share remains unchanged from previously issued guidance.

Revised guidance for 2019 net revenues of \$220 million to \$226 million reflects sales growth of between 9% and 12% over 2018 full year actual results. Previous guidance for net revenues was \$231 million to \$245 million.

The following table summarizes 2019 guidance:

(\$ in millions except per share data)

 Net Revenues
 \$220 to \$226

 Adjusted non-GAAP EBITDA
 \$95 to \$105

 Adjusted non-GAAP diluted earnings per share
 \$5.57 to \$6.21

ANI's estimates are based upon actual results for the six months ending June 30, 2019 and projected results for the remaining six months of the year. ANI's full year 2019 financial guidance reflects management's current assumptions regarding customer relationships, product pricing, prescription trends, competition, inventory levels, cost of sales, operating costs, timing of research and development spend, taxes, and the anticipated timing of future product launches and other key events. For the twelve months ending December 31, 2019, ANI is providing guidance on net revenues, adjusted non-GAAP EBITDA, and adjusted non-GAAP diluted earnings per share.

⁽b) See Table 3 for US GAAP reconciliation.

⁽c) See Table 4 for US GAAP reconciliation.

Second Quarter Results

Net Revenues (in thousands)	Three Months Ended June 30,					
		2019		2018	 Change	% Change
Generic pharmaceutical products	\$	36,255	\$	30,202	\$ 6,053	20%
Branded pharmaceutical products		13,996		10,530	3,466	33%
Contract manufacturing		3,687		1,679	2,008	120%
Royalty and other		419		4,857	 (4,438)	(91%)
Total net revenues	\$	54,357	\$	47,268	\$ 7,089	15%

Generic Pharmaceutical Products

Second Quarter Net Revenues - Results and Update

Net revenues from sales of generic pharmaceuticals increased 20% to \$36.3 million from \$30.2 million in the prior period, primarily due to the launch of Ezetimibe-Simvastatin, Candesartan, and other products launched in 2018 and 2019, as well as increased unit sales of Vancomycin.

Key Generic Pipeline Product

Aspirin/Dipyridamole ER Capsules Aggrenox® None (approved) Launch no later than October 1, 2019 \$ 105M	<u>Product</u> Aspirin/Dipyridamole ER Capsules			<u>Timing</u> Launch no later than October 1, 2019	Total Annual Market ^(d) \$ 105M
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⁽d) Based on data from IQVIA

Branded Pharmaceutical Products

Second Quarter Net Revenues - Results and Update

Net revenues from sales of branded pharmaceuticals increased 33% to \$14.0 million from \$10.5 million in the prior period, primarily due to sales of Arimidex® and Casodex®, which were launched under ANI's label in July 2018 and sales of Atacand® and Atacand HCT®, which were launched under ANI's label in October 2018. Prior to the launch under the ANI label, net revenues generated by these products was recorded via royalties received and was reported as Royalty and Other.

Key Brand Pipeline Products

<u>Product</u>	Required Filing	Filing Date	<u>Total Annual Market^(e)</u>
Vancocin® for Oral Solution	PAS	Approved June 2019, launch Q3 2019	\$ 450M
Cortrophin® Gel	sNDA	Q1 2020	\$1,110M

⁽e) Based on data from IQVIA

Vancocin® for Oral Solution Update

ANI is currently advancing a commercialization effort for Vancocin® for oral solution. ANI filed a prior approval supplement ("PAS") in September 2018 and it was approved in June 2019. This product will be manufactured at ANI's site in Baudette, Minnesota and will compete in a market that currently exceeds \$450 million annually.

Cortrophin® Gel Re-commercialization Update

ANI continues to successfully progress our Cortrophin® re-commercialization program. Significant accomplishments since the first quarter 2019 press release (dated May 9, 2019) include:

- The completion of a third commercial scale batch of Corticotropin API. This batch was analytically consistent with previously manufactured batches and met all specifications. ANI expects to complete API process validation and registration stability batch manufacturing in the third quarter of 2019.
- The initiation of viral clearance studies, which are expected to be completed in the third quarter of 2019.
- The manufacture of two commercial scale batches of Cortrophin® Gel using commercial scale API. ANI intends to complete the third and final registration batch of drug product in the third quarter of 2019.

ANI remains on track to file a supplemental NDA in the first guarter of 2020.

For further details, please see ANI's Cortrophin® Gel Re-commercialization Milestone Update in Table 5.

Contract Manufacturing

Second Quarter Net Revenues - Results and Update

Contract manufacturing revenues increased 120% to \$3.7 million from \$1.7 million in the prior year period, primarily due to the impact of contract manufacturing revenues from ANI's Canadian subsidiary, ANI Pharmaceuticals Canada Inc. ("ANI Canada"), which was acquired in August 2018.

Royalty and Other

Second Quarter Net Revenues - Result and Update

Royalty and other decreased 91% to \$0.4 million from \$4.9 million, primarily due to the launches of Atacand®, Atacand HCT®, Arimidex®, and Casodex® under the ANI label in the second half of 2018. The net revenues from those products are now included in the net sales of branded pharmaceutical products. This decline was tempered by product development and lab services net revenues from ANI Canada.

Key Royalty Product: Yescarta®

ANI is entitled to a percentage of global Yescarta® net sales as well as a portion of certain product milestones, such as the recent positive opinion issued by the European Medicines Agency ("EMA") Committee for Medicinal Products for Human Use ("CHMP").

Operating Expenses

Operating expenses increased to \$45.1 million for the three months ended June 30, 2019, from \$40.0 million in the prior year period. The increase was primarily due to a \$4.2 million increase in selling, general, and administrative expense as compared with the prior period, as a result of costs related to the new ANI Canada subsidiary, increased U.S.-based headcount and pharmacovigilance compliance costs in continued support of the expansion of our commercial portfolio, higher GDUFA and PDUFA user fees paid to the U.S. FDA, higher legal fees, and increased sales and marketing-related costs. In addition, depreciation and amortization increased by \$1.2 million, primarily due to additional amortization expense associated with a March 2019 asset acquisition and a January 2019 royalty buyout payment related to a prior period asset acquisition. These increases were partially offset by a \$1.0 million decrease in cost of sales.

Cost of sales as a percentage of net revenues decreased to 29% during the three months ended June 30, 2019, from 35% during same period in 2018. The decrease was primarily due to lower royalty expense resulting from a royalty buy out and lower sales of products under profit-sharing arrangements.

Net Income and Diluted Earnings per Share

Net income was \$6.6 million for the three months ended June 30, 2019, as compared to net income of \$2.8 million in the prior year period. The effective consolidated tax rate excluding impacts of discrete items for the three months ended June 30, 2019 was 16.8%.

Diluted earnings per share for the three months ended June 30, 2019 was \$0.53, based on 12,269 thousand diluted shares outstanding, as compared to diluted earnings per share of \$0.23 in the prior year period. Adjusted non-GAAP diluted earnings per share was \$1.44, as compared to adjusted non-GAAP diluted earnings per share of \$1.13 in the prior year period. For a reconciliation of adjusted non-GAAP diluted earnings per share to the most directly comparable GAAP financial measure, please see Table 4.

ANI Product Development Pipeline

ANI's pipeline consists of 111 products, addressing a total annual market size of \$5.2 billion, based on data from IQVIA. Of these 111 products, 106 were acquired and of these acquired products, ANI expects that at least 56 can be commercialized based on either CBE-30s or prior approval supplements filed with the FDA.

Non-GAAP Financial Measures

The Company's fiscal 2019 guidance for adjusted non-GAAP EBITDA and adjusted non-GAAP diluted earnings per share is not reconciled to the most comparable GAAP measure. This is due to the inherent difficulty of forecasting the timing or amount of items that would be included in a reconciliation to the most directly comparable forward-looking GAAP financial measures. Because a reconciliation is not available without unreasonable effort, it is not included in this release.

Adjusted non-GAAP EBITDA

ANI's management considers adjusted non-GAAP EBITDA to be an important financial indicator of ANI's operating performance, providing investors and analysts with a useful measure of operating results unaffected by non-cash stock-based compensation and differences in capital structures, tax structures, capital investment cycles, ages of related assets, and compensation structures among otherwise comparable companies. Management uses adjusted non-GAAP EBITDA when analyzing Company performance.

Adjusted non-GAAP EBITDA is defined as net income/(loss), excluding tax expense, interest expense, depreciation, amortization, the excess of fair value over cost of acquired inventory, stock-based compensation expense, expense from acquired in-process research and development, gains, losses, and expenses related to the repurchase of convertible debt, expenses related to debt financing, transaction and integration expenses, and other income / expense. Adjusted non-GAAP EBITDA should be considered in addition to, but not in lieu of, net income or loss reported under GAAP. A reconciliation of adjusted non-GAAP EBITDA to the most directly comparable GAAP financial measure is provided in Table 3.

Adjusted non-GAAP Net Income

ANI's management considers adjusted non-GAAP net income to be an important financial indicator of ANI's operating performance, providing investors and analysts with a useful measure of operating results unaffected by purchase accounting adjustments, non-cash stock-based compensation, non-cash interest expense, depreciation and amortization, and non-cash impairment charges. Management uses adjusted non-GAAP net income when analyzing Company performance.

Adjusted non-GAAP net income is defined as net income/(loss), plus the excess of fair value over cost of acquired inventory, stock-based compensation expense, transaction and integration expenses, gains, losses, and expenses related to the repurchase of convertible debt, expenses related to debt financing, non-cash interest expense, depreciation and amortization expense, expense from acquired in-process research and development, and non-cash impairment charges, less the tax impact of these adjustments calculated using an estimated statutory tax rate. Management will continually analyze this metric and may include additional adjustments in the calculation in order to provide further understanding of ANI's results. Adjusted non-GAAP net income should be considered in addition to, but not in lieu of, net income reported under GAAP. A reconciliation of adjusted non-GAAP net income to the most directly comparable GAAP financial measure is provided in Table 4.

Adjusted non-GAAP Diluted Earnings per Share

ANI's management considers adjusted non-GAAP diluted earnings per share to be an important financial indicator of ANI's operating performance, providing investors and analysts with a useful measure of operating results unaffected by purchase accounting adjustments, non-cash stock-based compensation, non-cash interest expense, depreciation and amortization, and non-cash impairment charges.

Management uses adjusted non-GAAP diluted earnings per share when analyzing Company performance.

Adjusted non-GAAP diluted earnings per share is defined as adjusted non-GAAP net income, as defined above, divided by the diluted weighted average shares outstanding during the period, as adjusted for the dilutive effect of the convertible debt notes, when applicable. Management will continually analyze this metric and may include additional adjustments in the calculation in order to provide further understanding of ANI's results. Adjusted non-GAAP diluted earnings per share should be considered in addition to, but not in lieu of, diluted earnings or loss per share reported under GAAP. A reconciliation of adjusted non-GAAP diluted earnings per share to the most directly comparable GAAP financial measure is provided in Table 4.

About ANI

ANI Pharmaceuticals, Inc. (the "Company" or "ANI") is an integrated specialty pharmaceutical company developing, manufacturing, and marketing high quality branded and generic prescription pharmaceuticals. The Company's targeted areas of product development currently include controlled substances, oncolytics (anti-cancers), hormones and steroids, and complex formulations involving extended release and combination products. For more information, please visit the Company's website www.anipharmaceuticals.com.

Forward-Looking Statements

To the extent any statements made in this release deal with information that is not historical, these are forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Such statements include, but are not limited to, statements about price increases, the Company's future operations, products financial position, operating results and prospects, the Company's pipeline or potential markets therefor, and other statements that are not historical in nature, particularly those that utilize terminology such as "anticipates," "will," "expects," "plans," "potential," "future," "believes," "intends," "continue," other words of similar meaning, derivations of such words and the use of future dates.

Uncertainties and risks may cause the Company's actual results to be materially different than those expressed in or implied by such forward-looking statements. Uncertainties and risks include, but are not limited to, the risk that the Company may face with respect to importing raw materials; increased competition; acquisitions; contract manufacturing arrangements; delays or failure in obtaining product approvals from the U.S. Food and Drug Administration; general business and economic conditions; market trends; regulatory environment; products development; regulatory and other approvals; and marketing.

More detailed information on these and additional factors that could affect the Company's actual results are described in the Company's filings with the Securities and Exchange Commission, including its most recent Annual Report on Form 10-K and quarterly reports on Form 10-Q, as well as its proxy statement. All forward-looking statements in this news release speak only as of the date of this news release and are based on the Company's current beliefs, assumptions, and expectations. The Company undertakes no obligation to update or revise any forward-looking statement, whether as a result of new information, future events or otherwise.

For more information about ANI, please contact: Investor Relations IR@anipharmaceuticals.com

	Three Months Ended June 30,		Six Months Ended June 30,		
	2019	2018	2019	2018	
Net Revenues	\$54,357	\$47,268	\$107,244	\$93,751	
Operating Expenses					
Cost of sales (excl. depreciation and amortization)	15,632	16,593	30,357	37,286	
Research and development	5,773	5,137	10,146	7,239	
Selling, general, and administrative	14,188	9,962	27,472	18,918	
Depreciation and amortization	9,472	8,313	25,575	16,508	
Total Operating Expenses	45,065	40,005	93,550	79,951	
Operating Income	9,292	7,263	13,694	13,800	
Other Expense, Net					
Interest expense, net	(3,406)	(3,730)	(6,760)	(7,364)	
Other income/(expense), net	46	(30)	(84)	(91)	
Income Before Benefit/(Provision) for Income Taxes	5,932	3,503	6,850	6,345	
Benefit/(Provision) for Income Taxes	653	(726)	184	(1,318)	
Net Income	\$ 6,585	\$ 2,777	\$ 7,034	\$ 5,027	
Earnings Per Share					
Basic Earnings Per Share	\$ 0.55	\$ 0.24	\$ 0.59	\$ 0.43	
Diluted Earnings Per Share	\$ 0.53	\$ 0.23	\$ 0.57	\$ 0.42	
Basic Weighted-Average Shares Outstanding	11,851	11,679	11,799	11,634	
Diluted Weighted-Average Shares Outstanding	12,269	11,789	12,046	11,748	

ANI Pharmaceuticals, Inc. and Subsidiaries Table 2: US GAAP Balance Sheets (unaudited, in thousands)

	June 30, 2019	mber 31, 2018
Current Assets		
Cash and cash equivalents	\$ 40,589	\$ 43,008
Accounts receivable, net	76,274	64,842
Inventories, net	45,296	40,503
Prepaid income taxes, net	3,442	-
Prepaid expenses and other current assets	3,311	4,524
Total Current Assets	168,912	152,877
Property and equipment, net	38,953	38,090
Restricted cash	5,018	5,021
Deferred tax assets, net of deferred tax liabilities and valuation allowance	31,957	27,964
Intangible assets, net	196,697	201,604
Goodwill	3,580	3,580
Other non-current assets	1,789	1,468
Total Assets	\$446,906	\$ 430,604
Current Liabilities		
Current component of Term Loan, net of deferred financing costs	\$ 4,149	\$ 3,256
Convertible notes, net of discount and deferred financing costs	115,858	112,463
Accounts payable	9,809	8,884
Accrued expenses and other	2,423	1,707
Accrued royalties	6,265	8,456
Accrued compensation and related expenses	2,133	3,524
Current income taxes payable, net	-	5,022
Accrued government rebates	10,943	8,974
Returned goods reserve	14,656	12,552
Deferred revenue	558	711

Total Current Liabilities	166,794	165,549
Term Loan, net of deferred financing costs and current component	65,688	67,296
Other non-current liabilities	6,768	496
Total Liabilities	239,250	233,341
Stockholders' Equity		
Common stock	1	1
Treasury stock	(723)	(659)
Additional paid-in capital	194,867	186,812
Retained earnings	18,524	11,488
Accumulated other comprehensive loss, net of tax	(5,013)	(379)
Total Stockholders' Equity	207,656	197,263
Total Liabilities and Stockholders' Equity	\$446,906	\$ 430,604

ANI Pharmaceuticals, Inc. and Subsidiaries

Table 3: Adjusted non-GAAP EBITDA Calculation and US GAAP to Non-GAAP Reconciliation

(unaudited, in thousands)

	Three Months Ended June 30,		Six Months Er	nded June 30,
	2019	2018	2019	2018
Net Income	\$ 6,585	\$ 2,777	\$ 7,034	\$ 5,027
Add back				
Interest expense, net	3,406	3,730	6,760	7,364
Other (income)/expense, net	(46)	30	84	91
(Benefit)/provision for income taxes	(653)	726	(184)	1,318
Depreciation and amortization	9,472	8,313	25,575	16,508
Add back				
Stock-based compensation	2,593	1,782	4,303	3,159
Acquired IPR&D expense	2,324	1,335	2,324	1,335
Excess of fair value over cost of acquired inventory	-	-	-	5,645
Transaction and integration expenses		341	84	341
Adjusted non-GAAP EBITDA	\$23,681	\$19,034	\$45,980	\$40,788

ANI Pharmaceuticals, Inc. and Subsidiaries

Table 4: Adjusted non-GAAP Net Income and Adjusted non-GAAP Diluted Earnings per Share Reconciliation
(unaudited, in thousands, except per share amounts)

	Three Months Ended June 30,		Six Months Ended June 30,	
	2019	2018	2019	2018
Net Income	\$ 6,585	\$ 2,777	\$ 7,034	\$ 5,027
Add back				
Non-cash interest expense	1,856	1,945	3,655	3,859
Depreciation and amortization expense	9,472	8,313	25,575	16,508
Acquired IPR&D expense	2,324	1,335	2,324	1,335
Stock-based compensation	2,593	1,782	4,303	3,159
Excess of fair value over cost of acquired inventory	-	-	-	5,645
Transaction and integration expenses		341	84	341
Less				
Tax impact of add back items	(3,899)	(3,155)	(8,626)	(7,095)
Discrete tax benefit related to ANI Canada transfer pricing agreement	(1,653)	<u> </u>	(1,653)	-
Adjusted non-GAAP Net Income	\$17,278	\$13,338	\$32,696	\$28,779
Diluted Weighted-Average				
Shares Outstanding	12,269	11,789	12,046	11,748
Less dilutive effect of notes	(306)		(153)	
Adjusted Diluted Weighted-Average				
Shares Outstanding	11,963	11,789	11,893	11,748

Diluted Earnings per Share

\$ 1.44

\$ 1.13

\$ 2.75

\$ 2.45

ANI Pharmaceuticals, Inc. and Subsidiaries Table 5: Cortrophin® Gel Re-Commercialization Milestone Update

Objective	Duration	Steps / Details	Status
		Scale-up manufacturing process 5x to projected commercial scale	Complete
Manufacture commercial-scale	2-3	Finalize API manufacturing process & initiate PV / registration batches	Complete
	months	Method development for API characterization methods	Complete
batches of corticotropin API	per batch	Method validation for API release / stability methods	Complete
	•	Perform viral clearance studies and validation	In Progress
		Finalize drug product manufacturing process	Complete
Manufacture Commercial Scale	1 month	Initiate process validation	Complete
Cortrophin® Gel Drug Product	per batch	Method validation for API release / stability methods	In Progress
		Manufacture three API and three drug product registration batches	Two Complete / Third In Progress
Posistration stability for sNDA	6 months	Initiate registration stability studies and demonstrate six-months of	First two studies initiated and in progress /
Registration stability for sNDA	o months	accelerated and real-time stability prior to sNDA submission	Third awaiting batch manufacturing
sNDA submission		Target date: 1Q 2020 Filing - four month PDLIFA date	On Track