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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

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**FORM 6-K**

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

For the month of May 2018

(Commission File No. 001-38215)

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**NUCANA PLC**

(Translation of registrant's name into English)

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3 Lochside Way  
Edinburgh EH12 9DT  
United Kingdom  
(Address of registrant's principal executive office)

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

Form 20-F

Form 40-F

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):

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**Other Events**

On May 23, 2018, NuCana plc (the “Company”) issued a press release announcing its first quarter 2018 financial results. The press release is attached as Exhibit 99.1 hereto and is incorporated by reference herein.

The information in the attached Exhibit 99.1 is being furnished and shall not be deemed “filed” for the 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, nor shall it be deemed incorporated by reference in any filing made by the Company under the Securities Act of 1933, as amended, or the Exchange Act, except as shall be expressly set forth by specific reference in such a filing.

**Exhibits**

99.1 [Press Release dated May 23, 2018](#)

**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.

**NuCana plc**

By: /s/ Donald Munoz

Name: Donald Munoz

Title: Chief Financial Officer

Date: May 23, 2018

## NuCana Reports First Quarter 2018 Financial Results

Edinburgh, United Kingdom, May 23, 2018 (GLOBE NEWSWIRE) – NuCana plc (NASDAQ: NCNA), a clinical-stage biopharmaceutical company focused on significantly improving treatment outcomes for cancer patients, announced financial results for the first quarter ended March 31, 2018.

As of March 31, 2018, NuCana had cash and cash equivalents of £81.3 million compared to £18.3 million as of March 31, 2017. The increase in cash and cash equivalents primarily reflects the net proceeds raised from NuCana’s initial public offering completed in October 2017. NuCana reported a loss of £6.4 million for the quarter ended March 31, 2018, compared to £1.6 million for the quarter ended March 31, 2017. Basic and diluted loss per share was £0.20 for the quarter ended March 31, 2018, compared to £0.07 per share for the comparable quarter in 2017.

“We are off to a great start in 2018 and are advancing multiple product candidates in several important studies,” said Hugh Griffith, NuCana’s Founder and Chief Executive Officer. “Utilizing our proprietary technology, we are transforming some of the most widely prescribed chemotherapy agents, nucleoside analogs, into more effective and safer medicines. During the quarter, we announced promising interim data from the first eight patients in the Phase 1b study of Acelarin® in combination with cisplatin for the first-line treatment of patients with biliary tract cancers. One patient had a complete response and three patients had partial responses for an overall response rate of 50%. We also announced the enrollment of the 100<sup>th</sup> patient in the first-line pancreatic cancer Phase 3 study of Acelarin compared to gemcitabine. We look forward to providing updates on these and our other programs throughout the course of the year.”

### **About NuCana plc**

*NuCana® is a clinical-stage biopharmaceutical company focused on significantly improving treatment outcomes for cancer patients by applying our ProTide™ technology to transform some of the most widely prescribed chemotherapy agents, nucleoside analogs, into more effective and safer medicines. While these conventional agents remain part of the standard of care for the treatment of many solid tumors, their efficacy is limited by cancer cell resistance mechanisms and they are often poorly tolerated. Utilizing our proprietary technology, we are developing new medicines, ProTides, designed to overcome key cancer resistance mechanisms and generate much higher concentrations of anti-cancer metabolites in cancer cells. Our most advanced ProTide candidates, Acelarin® and NUC-3373, are new chemical entities derived from the nucleoside analogs gemcitabine and 5-fluorouracil, respectively, two widely used chemotherapy agents. Acelarin is currently being evaluated in three clinical studies, including a Phase 2 study for patients with ovarian cancer, a Phase 1b study for patients with biliary tract cancer and a Phase 3 study for patients with pancreatic cancer. NUC-3373 is currently in a Phase 1 study for the potential treatment of a wide range of advanced solid tumors.*

For more information, please visit: [www.nucana.com](http://www.nucana.com).

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**Forward-Looking Statements**

*This press release may contain “forward-looking” statements within the meaning of the Private Securities Litigation Reform Act of 1995 that are based on the beliefs and assumptions and on information currently available to management of NuCana plc (the “Company”). All statements other than statements of historical fact contained in this press release are forward-looking statements, including statements concerning the initiation, timing, progress and results of clinical studies of the Company’s product candidates. In some cases, you can identify forward-looking statements by terminology such as “may,” “will,” “should,” “expects,” “plans,” “anticipates,” “believes,” “estimates,” “predicts,” “potential” or “continue” or the negative of these terms or other comparable terminology. Forward-looking statements involve known and unknown risks, uncertainties and other factors that may cause the Company’s actual results, performance or achievements to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. These risks and uncertainties include, but are not limited to, the risks and uncertainties set forth in the “Risk Factors” section of our Annual Report on Form 20-F for the year ended December 31, 2017 filed with the Securities and Exchange Commission (“SEC”) on March 22, 2018, and subsequent reports that we file with the SEC. Forward-looking statements represent the Company’s beliefs and assumptions only as of the date of this press release. Although the Company believes that the expectations reflected in the forward-looking statements are reasonable, it cannot guarantee future results, levels of activity, performance or achievements. Except as required by law, the Company assumes no obligation to publicly update any forward-looking statements for any reason after the date of this press release to conform any of the forward-looking statements to actual results or to changes in its expectations.*

**Condensed Consolidated Statements of Operations for the three months ended March 31,**

	2018	2017
	<i>(in thousands, except per share data)</i>	
	<i>(unaudited)</i>	
	£	£
Research and development expenses	(3,705)	(1,612)
Administrative expenses	(1,240)	(324)
Initial public offering related expenses	—	(32)
Net foreign exchange losses	(2,548)	(48)
<b>Operating loss</b>	<b>(7,493)</b>	<b>(2,016)</b>
Finance income	190	47
<b>Loss before tax</b>	<b>(7,303)</b>	<b>(1,969)</b>
Income tax credit	909	332
<b>Loss for the period</b>	<b>(6,394)</b>	<b>(1,637)</b>
Basic and diluted loss per share	(0.20)	(0.07)

Condensed Consolidated Statements of Financial Position at March 31,

	2018 (in thousands) (unaudited) £	2017 (in thousands) (unaudited) £
<b>Assets</b>		
<b>Non-current assets</b>		
Intangible assets	2,030	1,585
Property, plant and equipment	499	16
Deferred tax asset	40	—
	<u>2,569</u>	<u>1,601</u>
<b>Current assets</b>		
Prepayments, accrued income and other receivables	2,799	3,215
Current income tax receivable	3,265	2,392
Cash and cash equivalents	81,338	18,323
	<u>87,402</u>	<u>23,930</u>
<b>Total assets</b>	<u><b>89,971</b></u>	<u><b>25,531</b></u>
<b>Equity and liabilities</b>		
<b>Capital and reserves</b>		
Share capital and share premium	80,508	43,433
Other reserves	58,494	4,326
Accumulated deficit	(51,553)	(23,893)
<b>Total equity attributable to equity holders of the Company</b>	<u><b>87,449</b></u>	<u><b>23,866</b></u>
<b>Non-current liabilities</b>		
Provisions	18	—
<b>Current liabilities</b>		
Trade payables	897	975
Payroll taxes and social security	105	65
Accrued expenditure	1,502	625
	<u>2,504</u>	<u>1,665</u>
<b>Total liabilities</b>	<u>2,522</u>	<u>1,665</u>
<b>Total equity and liabilities</b>	<u><b>89,971</b></u>	<u><b>25,531</b></u>

Condensed Consolidated Statements of Cash Flows for the three months ended March 31,

	2018 (in thousands) (unaudited) £	2017 (in thousands) (unaudited) £
<b>Cash flows from operating activities</b>		
Loss for the period	(6,394)	(1,637)
Adjustments for:		
Income tax credit	(909)	(332)
Amortization and depreciation	74	31
Finance income	(190)	(47)
Share-based payments	428	263
Net foreign exchange losses	2,537	47
	<u>(4,454)</u>	<u>(1,675)</u>
Movements in working capital:		
Decrease in prepayments, accrued income and other receivables	197	373
(Decrease) increase in trade payables	(222)	247
Decrease in payroll taxes, social security and accrued expenditure	(190)	(555)
Movements in working capital	<u>(215)</u>	<u>65</u>
<b>Cash used in operations</b>	<b><u>(4,669)</u></b>	<b><u>(1,610)</u></b>
Corporation tax	1,910	135
<b>Net cash used in operating activities</b>	<b><u>(2,759)</u></b>	<b><u>(1,475)</u></b>
<b>Cash flows from investing activities</b>		
Interest received	202	48
Payments for office and computer equipment	(171)	(1)
Payments for intangible assets	(136)	(237)
<b>Net cash used in investing activities</b>	<b><u>(105)</u></b>	<b><u>(190)</u></b>
<b>Cash flows from financing activities</b>		
<b>Net cash from financing activities</b>	<b><u>—</u></b>	<b><u>—</u></b>
Net decrease in cash and cash equivalents	<u>(2,864)</u>	<u>(1,665)</u>
<b>Cash and cash equivalents at beginning of period</b>	<b><u>86,703</u></b>	<b><u>19,990</u></b>
Foreign currency translation differences	(2,501)	(2)
<b>Cash and cash equivalents at end of period</b>	<b><u>81,338</u></b>	<b><u>18,323</u></b>



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For more information, please contact:

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