
**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 2018

Commission File Number: 001-37847

MOTIF BIO PLC

(Exact name of registrant as specified in its charter)

**125 Park Avenue
25th Floor
New York, New York 10017**
(Address of principal executive offices)

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 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): ____

MOTIF BIO PLC
FORM 6-K

REGULATORY NEWS SERVICE ANNOUNCEMENT

On May 23, 2018, Motif Bio plc (the “Company”) issued a regulatory news service announcement, a copy of which is attached as Exhibit 99.1 to this report on Form 6-K, announcing the sale of ordinary shares by Amphion Innovations, plc.

The information contained in this report on Form 6-K, including Exhibit 99.1 attached hereto, is hereby incorporated by reference into the Company’s Registration Statements on Form F-3 (File Nos. 333-222614 and 333-222042), to be a part thereof from the date on which this report is submitted, to the extent not superseded by documents or reports subsequently filed or furnished.

Exhibits

[Exhibit 99.1](#) [Regulatory news service announcement issued by Motif Bio plc, dated May 23, 2018, entitled “Motif Bio notes statement from Amphion Innovations”](#)

SIGNATURES

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

MOTIF BIO PLC

By: /s/ Graham Lumsden

Name: Graham Lumsden

Title: Chief Executive Officer

Date: May 23, 2018

Exhibit 99.1

23 May 2018



Motif Bio plc
("Motif Bio" or the "Company")

Motif Bio notes statement from Amphion Innovations

Motif Bio plc (AIM/NASDAQ: MTFB), a clinical-stage biopharmaceutical company specialising in developing novel antibiotics, notes the announcement made today via RNS by Amphion Innovations plc ("Amphion"), a substantial shareholder in the Company, relating to its sale of shares in Motif Bio to a US institutional investor. Amphion now holds 9.53% of the issued share capital of Motif Bio. The full TR-1 disclosure is set out below.

For further information please contact:

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TR-1: Standard form for notification of major holdings

NOTIFICATION OF MAJOR HOLDINGS (to be sent to the relevant issuer and to the FCA in Microsoft Word format if possible)ⁱ

1a. Identity of the issuer or the underlying issuer of existing shares to which voting rights are attached ⁱⁱ :		Motif Bio plc		
1b. Please indicate if the issuer is a non-UK issuer (please mark with an "X" if appropriate)				
Non-UK issuer				<input type="checkbox"/>
2. Reason for the notification (please mark the appropriate box or boxes with an "X")				
An acquisition or disposal of voting rights				<input checked="" type="checkbox"/>
An acquisition or disposal of financial instruments				<input type="checkbox"/>
An event changing the breakdown of voting rights				<input type="checkbox"/>
Other (please specify) ⁱⁱⁱ :				<input type="checkbox"/>
3. Details of person subject to the notification obligation ^{iv}				
Name		Amphion Innovations plc		
City and country of registered office (if applicable)				
4. Full name of shareholder(s) (if different from 3.) ^v				
Name				
City and country of registered office (if applicable)				
5. Date on which the threshold was crossed or reached ^{vi} :		May 22 2018		
6. Date on which issuer notified (DD/MM/YYYY):		May 22 2018		
7. Total positions of person(s) subject to the notification obligation				
	% of voting rights attached to shares (total of 8. A)	% of voting rights through financial instruments (total of 8.B 1 + 8.B 2)	Total of both in % (8.A + 8.B)	Total number of voting rights of issuer ^{vii}
Resulting situation on the date on which threshold was crossed or reached	9.53%			296,534,507
Position of previous notification (if applicable)	14.1%			

8. Notified details of the resulting situation on the date on which the threshold was crossed or reached ^{viii}				
A: Voting rights attached to shares				
Class/type of shares ISIN code (if possible)	Number of voting rights ^{ix}		% of voting rights	
	Direct (Art 9 of Directive 2004/109/EC) (DTR5.1)	Indirect (Art 10 of Directive 2004/109/EC) (DTR5.2.1)	Direct (Art 9 of Directive 2004/109/EC) (DTR5.1)	Indirect (Art 10 of Directive 2004/109/EC) (DTR5.2.1)
GB008BVVT4H71	28,254,611		9.53%	
SUBTOTAL 8. A	28,254,611		9.53%	

B 1: Financial Instruments according to Art. 13(1)(a) of Directive 2004/109/EC (DTR5.3.1.1 (a))				
Type of financial instrument	Expiration date ^x	Exercise/ Conversion Period ^{xi}	Number of voting rights that may be acquired if the instrument is exercised/converted.	% of voting rights
		SUBTOTAL 8. B 1		

B 2: Financial Instruments with similar economic effect according to Art. 13(1)(b) of Directive 2004/109/EC (DTR5.3.1.1 (b))					
Type of financial instrument	Expiration date ^x	Exercise/ Conversion Period ^{xi}	Physical or cash settlement ^{xii}	Number of voting rights	% of voting rights
			SUBTOTAL 8.B.2		

9. Information in relation to the person subject to the notification obligation (please mark the applicable box with an "X")			
Person subject to the notification obligation is not controlled by any natural person or legal entity and does not control any other undertaking(s) holding directly or indirectly an interest in the (underlying) issuer ^{xiii}			
Full chain of controlled undertakings through which the voting rights and/or the financial instruments are effectively held starting with the ultimate controlling natural person or legal entity ^{xiv} (please add additional rows as necessary)			
Name ^{xv}	% of voting rights if it equals or is higher than the notifiable threshold	% of voting rights through financial instruments if it equals or is higher than the notifiable threshold	Total of both if it equals or is higher than the notifiable threshold

10. In case of proxy voting, please identify:	
Name of the proxy holder	
The number and % of voting rights held	
The date until which the voting rights will be held	

11. Additional information ^{xvi}

Place of completion	
Date of completion	May 22 2018