

Rhythm Biosciences March 2018 Appendix 4C

Rhythm Biosciences ("Rhythm" or the "Company" ASX: RHY), developer of the ColoSTAT™ antibody-based blood test targeting the accurate and early detection of colorectal cancer, is pleased to present the attached Appendix 4C for the quarter ended 31 March 2018.

The quarter saw the Company deliver the following operational highlights:

- Contract signed with CSIRO for reagent development
- Development of reagents for two ColoSTAT biomarkers complete
- Key reagents development for third ColoSTAT biomarker anticipated to be completed according to schedule
- Development pathway of IVD kit on schedule & consultation with major diagnostic laboratories underway
- Rhythm remains well-funded with a cash position of \$8.2M at the end of the March 2018 quarter

For further information, please contact:

TREVOR LOCKETT MANAGING DIRECTOR 0418 647 490 SHANE TANNER CHAIRMAN 0411 107 099

About Rhythm Biosciences

Rhythm Biosciences is developing and commercialising Australian medical diagnostics technology for sale across national and international markets.

Rhythm's lead product, $ColoSTAT^{TM}$, is intended to provide the accurate and early detection of colorectal cancer, acting as either a 'first-step' screening test or within the triage of persons with a positive faecal immunochemical test (FIT) or colonoscopy. As well as being of value to those with risk factors associated with colorectal cancer, $ColoSTAT^{TM}$ provides an alternative for those who choose not to or are unable to be assessed using standard screening programs.

Being developed to be an affordable and effective diagnostic, ColoSTAT™ has the potential to play an important role in reducing morbidity, mortality and healthcare costs associated with colorectal cancer.

+Rule 4.7B

Appendix 4C

Quarterly report for entities subject to Listing Rule 4.7B

Introduced 31/03/00 Amended 30/09/01, 24/10/05, 17/12/10, 01/09/16

Name of entity

RHYTHM BIOSCIENCES LIMITED		
ABN	Quarter ended ("current quarter")	
59 619 459 335	31 MARCH 2018	

Con	solidated statement of cash flows	Current quarter \$A'000	Year to date (9 months) \$A'000
1.	Cash flows from operating activities		
1.1	Receipts from customers		
1.2	Payments for		
	(a) research and development	(242)	(428)
	(b) product manufacturing and operating costs		
	(c) advertising and marketing		
	(d) leased assets		
	(e) staff costs	(28)	(86)
	(f) administration and corporate costs	(284)	(585)
1.3	Dividends received (see note 3)		
1.4	Interest received		1
1.5	Interest and other costs of finance paid		
1.6	Income taxes paid		
1.7	Government grants and tax incentives		
1.8	Other (provide details if material)		
1.9	Net cash from / (used in) operating activities	(554)	(1,098)

2.	Cash flows from investing activities	
2.1	Payments to acquire:	
	(a) property, plant and equipment	(4)
	(b) businesses (see item 10)	
	(c) investments	

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Con	solidated statement of cash flows	Current quarter \$A'000	Year to date (9 months) \$A'000
	(d) intellectual property		(311)
	(e) other non-current assets		
2.2	Proceeds from disposal of:		
	(a) property, plant and equipment		
	(b) businesses (see item 10)		
	(c) investments		
	(d) intellectual property		
	(e) other non-current assets		
2.3	Cash flows from loans to other entities		
2.4	Dividends received (see note 3)		
2.5	Other (provide details if material)		
2.6	Net cash from / (used in) investing activities	-	(315)

3.	Cash flows from financing activities		
3.1	Proceeds from issues of shares		9,042
3.2	Proceeds from issue of convertible notes		
3.3	Proceeds from exercise of share options		
3.4	Transaction costs related to issues of shares, convertible notes or options		(885)
3.5	Proceeds from borrowings		
3.6	Repayment of borrowings		
3.7	Transaction costs related to loans and borrowings		
3.8	Dividends paid		
3.9	Other (provide details if material)		
3.10	Net cash from / (used in) financing activities	-	8,157

4.	Net increase / (decrease) in cash and cash equivalents for the period		
4.1	Cash and cash equivalents at beginning of quarter/year to date	8,793	1,495
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(554)	(1,098)
4.3	Net cash from / (used in) investing activities (item 2.6 above)		(315)
4.4	Net cash from / (used in) financing activities (item 3.10 above)		8,157

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Con	solidated statement of cash flows	Current quarter \$A'000	Year to date (9 months) \$A'000
4.5	Effect of movement in exchange rates on cash held		
4.6	Cash and cash equivalents at end of quarter	8,239	8,239

5.	Reconciliation of cash and cash equivalents at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts	Current quarter \$A'000	Previous quarter \$A'000
5.1	Bank balances	1,239	8,793
5.2	Call deposits	7,000	
5.3	Bank overdrafts		
5.4	Other (provide details)		
5.5	Cash and cash equivalents at end of quarter (should equal item 4.6 above)	8,239	8,793

6.	Payments to directors of the entity and their associates	Current quarter \$A'000
6.1	Aggregate amount of payments to these parties included in item 1.2	123
6.2	Aggregate amount of cash flow from loans to these parties included in item 2.3	0
6.3	Include below any explanation necessary to understand the transaction items 6.1 and 6.2	ns included in
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7.	Payments to related entities of the entity and their associates	Current quarter \$A'000
7.1	Aggregate amount of payments to these parties included in item 1.2	
7.2	Aggregate amount of cash flow from loans to these parties included in item 2.3	
7.3	Include below any explanation necessary to understand the transactio items 7.1 and 7.2	ns included in

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8.	Financing facilities available Add notes as necessary for an understanding of the position	Total facility amount at quarter end \$A'000	Amount drawn at quarter end \$A'000
8.1	Loan facilities		
8.2	Credit standby arrangements		
8.3	Other (please specify)		
8.4	Include below a description of each facility above, including the lender, interest rate and whether it is secured or unsecured. If any additional facilities have been entered into or are proposed to be entered into after quarter end, include details of those facilities as well.		n entered into or are

9.	Estimated cash outflows for next quarter	\$A'000
9.1	Research and development	730
9.2	Product manufacturing and operating costs	
9.3	Advertising and marketing	15
9.4	Leased assets	
9.5	Staff costs	53
9.6	Administration and corporate costs	233
9.7	Other (provide details if material)	
9.8	Total estimated cash outflows	1,031

10.	Acquisitions and disposals of business entities (items 2.1(b) and 2.2(b) above)	Acquisitions	Disposals
10.1	Name of entity		
10.2	Place of incorporation or registration		
10.3	Consideration for acquisition or disposal		
10.4	Total net assets		
10.5	Nature of business		

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Compliance statement

- This statement has been prepared in accordance with accounting standards and policies which comply with Listing Rule 19.11A.
- 2 This statement gives a true and fair view of the matters disclosed.

Sign here:	(Company secretary)	Date:30 April 2018
Print name:	Adrien Wing	

Notes

- 1. The quarterly report provides a basis for informing the market how the entity's activities have been financed for the past quarter and the effect on its cash position. An entity that wishes to disclose additional information is encouraged to do so, in a note or notes included in or attached to this report.
- If this quarterly report has been prepared in accordance with Australian Accounting Standards, the definitions in, and provisions of, AASB 107: Statement of Cash Flows apply to this report. If this quarterly report has been prepared in accordance with other accounting standards agreed by ASX pursuant to Listing Rule 19.11A, the corresponding equivalent standard applies to this report.
- 3. Dividends received may be classified either as cash flows from operating activities or cash flows from investing activities, depending on the accounting policy of the entity.

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