

Alnylam Pharmaceuticals, Inc.

Reconciliation of Selected GAAP Measures to Non-GAAP Measures (In thousands, except per share amounts)

	Three Months Ended December 31,				Twelve Months Ended December 31,			
Reconciliation of GAAP to Non-GAAP Research and Development:	2019		2018		2019		2018	
GAAP Research and Development	\$	201,301	\$	131,036	\$	655,114	S	505,420
Less: Stock-Based Compensation Expenses		(34,786)		(12,972)		(88,930)		(80,509)
Non-GAAP Research and Development	\$	166,515	\$	118,064	\$	566,184	\$	424,911
Reconciliation of GAAP to Non-GAAP Selling, General and Administrative:								
GAAP Selling, General and Administrative	\$	156,277	\$	108,688	\$	479,005	\$	382,359
Less: Stock-Based Compensation Expenses		(31,411)		(15,001)		(85,911)		(77,243)
Non-GAAP Selling, General and Administrative	\$	124,866	\$	93,687	\$	393,094	\$	305,116
Reconciliation of GAAP to Non-GAAP Operating Expenses:								
GAAP Operating Expenses	\$	369,754	\$	241,389	\$	1,159,181	\$	889,581
Less: Stock-Based Compensation Expenses		(66,197)		(27,973)		(174,841)		(157,752)
Non-GAAP Operating Expenses	\$	303,557	\$	213,416	\$	984,340	\$	731,829
Reconciliation of GAAP to Non-GAAP Net Loss:								
GAAP Net Loss	\$	(276,185)	\$	(211,441)	\$	(886,116)	\$	(761,497)
Add: Stock-Based Compensation Expenses		66,197		27,973		174,841		157,752
Less: Change in Fair Value of Liability Obligation		-		-		(9,422)		-
Less: Gain on Litigation Settlement		-		-		-		(20,564)
Less: Gain on Equity Securities Investment		(11,267)		-		(11,267)		-
Non-GAAP Net Loss	\$	(221,255)	\$	(183,468)	\$	(731,964)	\$	(624,309)
Reconciliation of GAAP to Non-GAAP Net Loss per Common Share - Basic and Diluted:								
GAAP Net Loss per Common Share - Basic and Diluted	\$	(2.47)	\$	(2.09)	\$	(8.11)	\$	(7.57)
Add: Stock-Based Compensation Expenses		0.59		0.27		1.60		1.57
Less: Change in Fair Value of Liability Obligation		-		-		(0.09)		-
Less: Gain on Litigation Settlement		-		-		-		(0.21)
Less: Gain on Equity Securities Investment		(0.10)		_		(0.10)		-
Non-GAAP Net Loss per Common Share - Basic and Diluted	\$	(1.98)	\$	(1.82)	\$	(6.70)	\$	(6.21)