

Alnylam Pharmaceuticals, Inc.

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

	Three Months Ended March 31,			
		2019		2018
Reconciliation of GAAP to Non-GAAP Research and development:				
GAAP Research and development	\$	129,127	\$	96,857
Less: Stock-based compensation expenses		(16,125)		(10,137)
Non-GAAP Research and development	\$_	113,002	\$	86,720
Reconciliation of GAAP to Non-GAAP Selling, general and administrative:				
GAAP Selling, general and administrative	\$	89,608	\$	72,447
Less: Stock-based compensation expenses		(15,907)		(9,447)
Non-GAAP Selling, general and administrative	\$	73,701	\$	63,000
Reconciliation of GAAP to Non-GAAP Operating costs and expenses:				
GAAP Operating costs and expenses	\$	222,082	\$	169,304
Less: Stock-based compensation expenses		(32,032)		(19,584)
Non-GAAP Operating costs and expenses	\$	190,050	\$	149,720
Reconciliation of GAAP to Non-GAAP Net loss:				
GAAP Net loss	\$	(181,915)	\$	(141,214)
Add: Stock-based compensation expenses		32,032		19,584
Non-GAAP Net loss	\$	(149,883)	\$	(121,630)
Reconciliation of GAAP to Non-GAAP Net loss per common share-basic and diluted:				
GAAP Net loss per common share - basic and diluted	\$	(1.73)	\$	(1.41)
Add: Stock-based compensation expenses		0.31		0.19
Non-GAAP Net loss per common share - basic and diluted	\$	(1.42)	\$	(1.22)