

## Transactions with shares and linked securities in Genmab A/S made by managerial employees and their closely associated persons

### Company Announcement

Copenhagen, Denmark; December 15, 2016 – In accordance with Article 19 of Regulation No. 596/2014 on Market Abuse and Implementing Regulation 2016/523, the persons below have given Genmab A/S (Nasdaq Copenhagen: GEN) power of attorney on their behalf to publish and report their trading in Genmab shares and related instruments, as follows:

1.	Details of the person discharging managerial responsibilities / person closely associated		
a)	Name	Mats Pettersson	
2.	Reason for the notification		
a)	Position/status	Chairman of the Board of Directors	
b)	Initial notification/Amendment	Initial notification	
3.	Details of the issuer, emission allowance market participant, auction platform, auctioneer or auction monitor		
a)	Name	Genmab A/S	
b)	LEI-code	N/A	
4.	Details of the transaction(s): section to be repeated for (i) each type of instrument; (ii) each type of transaction; (iii) each date; and (iv) each place where transactions have been conducted		
a)	Description of the financial instrument, type of instrument	Restricted Stock Units related to shares of Genmab A/S	
	Identification code	DK0010272202	
b)	Nature of the transaction	Grant of Restricted Stock Units	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		DKK 0.00	786
d)	Aggregated information - Aggregated volume - Price		
e)	Date of the transaction	2016-12-15	
f)	Place of the transaction	Outside the market	

## Transactions with shares and linked securities in Genmab A/S made by managerial employees and their closely associated persons

1.	Details of the person discharging managerial responsibilities / person closely associated		
a)	Name	Anders Gersel Pedersen	
2.	Reason for the notification		
a)	Position/status	Member of the Board of Directors	
b)	Initial notification/Amendment	Initial notification	
3.	Details of the issuer, emission allowance market participant, auction platform, auctioneer or auction monitor		
a)	Name	Genmab A/S	
b)	LEI-code	N/A	
4.	Details of the transaction(s): section to be repeated for (i) each type of instrument; (ii) each type of transaction; (iii) each date; and (iv) each place where transactions have been conducted		
a)	Description of the financial instrument, type of instrument	Restricted Stock Units related to shares of Genmab A/S	
	Identification code	DK0010272202	
b)	Nature of the transaction	Grant of Restricted Stock Units	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		DKK 0.00	589
d)	Aggregated information - Aggregated volume - Price		
e)	Date of the transaction	2016-12-15	
f)	Place of the transaction	Outside the market	

## Transactions with shares and linked securities in Genmab A/S made by managerial employees and their closely associated persons

1.	Details of the person discharging managerial responsibilities / person closely associated		
a)	Name	Dan Bruno	
2.	Reason for the notification		
a)	Position/status	Member of the Board of Directors	
b)	Initial notification/Amendment	Initial notification	
3.	Details of the issuer, emission allowance market participant, auction platform, auctioneer or auction monitor		
a)	Name	Genmab A/S	
b)	LEI-code	N/A	
4.	Details of the transaction(s): section to be repeated for (i) each type of instrument; (ii) each type of transaction; (iii) each date; and (iv) each place where transactions have been conducted		
a)	Description of the financial instrument, type of instrument	Restricted Stock Units related to shares of Genmab A/S	
	Identification code	DK0010272202	
b)	Nature of the transaction	Grant of Restricted Stock Units (partly as employee of Genmab US, Inc., partly as board member)	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		DKK 0.00	1,091 (as employee)
		DKK 0.00	393 (as board member)
d)	Aggregated information - Aggregated volume - Price	1,484 DKK 0.00	
e)	Date of the transaction	2016-12-15	
f)	Place of the transaction	Outside the market	

## Transactions with shares and linked securities in Genmab A/S made by managerial employees and their closely associated persons

<b>1.</b>	<b>Details of the person discharging managerial responsibilities / person closely associated</b>		
a)	Name	Pernille Erenbjerg	
<b>2.</b>	<b>Reason for the notification</b>		
a)	Position/status	Member of the Board of Directors	
b)	Initial notification/Amendment	Initial notification	
<b>3.</b>	<b>Details of the issuer, emission allowance market participant, auction platform, auctioneer or auction monitor</b>		
a)	Name	Genmab A/S	
b)	LEI-code	N/A	
<b>4.</b>	<b>Details of the transaction(s): section to be repeated for (i) each type of instrument; (ii) each type of transaction; (iii) each date; and (iv) each place where transactions have been conducted</b>		
a)	Description of the financial instrument, type of instrument	Restricted Stock Units related to shares of Genmab A/S	
	Identification code	DK0010272202	
b)	Nature of the transaction	Grant of Restricted Stock Units	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		DKK 0.00	393
d)	Aggregated information - Aggregated volume - Price		
e)	Date of the transaction	2016-12-15	
f)	Place of the transaction	Outside the market	

## Transactions with shares and linked securities in Genmab A/S made by managerial employees and their closely associated persons

1.	Details of the person discharging managerial responsibilities / person closely associated		
a)	Name	Rick Hibbert	
2.	Reason for the notification		
a)	Position/status	Member of the Board of Directors	
b)	Initial notification/Amendment	Initial notification	
3.	Details of the issuer, emission allowance market participant, auction platform, auctioneer or auction monitor		
a)	Name	Genmab A/S	
b)	LEI-code	N/A	
4.	Details of the transaction(s): section to be repeated for (i) each type of instrument; (ii) each type of transaction; (iii) each date; and (iv) each place where transactions have been conducted		
a)	Description of the financial instrument, type of instrument	Restricted Stock Units related to shares of Genmab A/S	
	Identification code	DK0010272202	
b)	Nature of the transaction	Grant of Restricted Stock Units (partly as employee of Genmab B.V., partly as board member)	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		DKK 0.00	65 (as employee)
		DKK 0.00	393 (as board member)
d)	Aggregated information - Aggregated volume - Price	458 DKK 0.00	
e)	Date of the transaction	2016-12-15	
f)	Place of the transaction	Outside the market	

## Transactions with shares and linked securities in Genmab A/S made by managerial employees and their closely associated persons

1.	Details of the person discharging managerial responsibilities / person closely associated		
a)	Name	Peter Storm Kristensen	
2.	Reason for the notification		
a)	Position/status	Member of the Board of Directors	
b)	Initial notification/Amendment	Initial notification	
3.	Details of the issuer, emission allowance market participant, auction platform, auctioneer or auction monitor		
a)	Name	Genmab A/S	
b)	LEI-code	N/A	
4.	Details of the transaction(s): section to be repeated for (i) each type of instrument; (ii) each type of transaction; (iii) each date; and (iv) each place where transactions have been conducted		
a)	Description of the financial instrument, type of instrument	Restricted Stock Units related to shares of Genmab A/S	
	Identification code	DK0010272202	
b)	Nature of the transaction	Grant of Restricted Stock Units (partly as employee of Genmab A/S, partly as board member)	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		DKK 0.00	115 (as employee)
		DKK 0.00	393 (as board member)
d)	Aggregated information - Aggregated volume - Price	508 DKK 0.00	
e)	Date of the transaction	2016-12-15	
f)	Place of the transaction	Outside the market	

## Transactions with shares and linked securities in Genmab A/S made by managerial employees and their closely associated persons

1.	Details of the person discharging managerial responsibilities / person closely associated		
a)	Name	Burton G. Malkiel	
2.	Reason for the notification		
a)	Position/status	Member of the Board of Directors	
b)	Initial notification/Amendment	Initial notification	
3.	Details of the issuer, emission allowance market participant, auction platform, auctioneer or auction monitor		
a)	Name	Genmab A/S	
b)	LEI-code	N/A	
4.	Details of the transaction(s): section to be repeated for (i) each type of instrument; (ii) each type of transaction; (iii) each date; and (iv) each place where transactions have been conducted		
a)	Description of the financial instrument, type of instrument	Restricted Stock Units related to shares of Genmab A/S	
	Identification code	DK0010272202	
b)	Nature of the transaction	Grant of Restricted Stock Units	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		DKK 0.00	393
d)	Aggregated information - Aggregated volume - Price		
e)	Date of the transaction	2016-12-15	
f)	Place of the transaction	Outside the market	

## Transactions with shares and linked securities in Genmab A/S made by managerial employees and their closely associated persons

<b>1.</b>	<b>Details of the person discharging managerial responsibilities / person closely associated</b>		
a)	Name	Paolo Paoletti	
<b>2.</b>	<b>Reason for the notification</b>		
a)	Position/status	Member of the Board of Directors	
b)	Initial notification/Amendment	Initial notification	
<b>3.</b>	<b>Details of the issuer, emission allowance market participant, auction platform, auctioneer or auction monitor</b>		
a)	Name	Genmab A/S	
b)	LEI-code	N/A	
<b>4.</b>	<b>Details of the transaction(s): section to be repeated for (i) each type of instrument; (ii) each type of transaction; (iii) each date; and (iv) each place where transactions have been conducted</b>		
a)	Description of the financial instrument, type of instrument	Restricted Stock Units related to shares of Genmab A/S	
	Identification code	DK0010272202	
b)	Nature of the transaction	Grant of Restricted Stock Units	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		DKK 0.00	393
d)	Aggregated information - Aggregated volume - Price		
e)	Date of the transaction	2016-12-15	
f)	Place of the transaction	Outside the market	



## Transactions with shares and linked securities in Genmab A/S made by managerial employees and their closely associated persons

<b>1.</b>	<b>Details of the person discharging managerial responsibilities / person closely associated</b>		
a)	Name	Jan G. J. van de Winkel	
<b>2.</b>	<b>Reason for the notification</b>		
a)	Position/status	President & Chief Executive Officer	
b)	Initial notification/Amendment	Initial notification	
<b>3.</b>	<b>Details of the issuer, emission allowance market participant, auction platform, auctioneer or auction monitor</b>		
a)	Name	Genmab A/S	
b)	LEI-code	N/A	
<b>4.</b>	<b>Details of the transaction(s): section to be repeated for (i) each type of instrument; (ii) each type of transaction; (iii) each date; and (iv) each place where transactions have been conducted</b>		
a)	Description of the financial instrument, type of instrument	Restricted Stock Units related to shares of Genmab A/S	
	Identification code	DK0010272202	
b)	Nature of the transaction	Grant of Restricted Stock Units	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		DKK 0.00	5,819
d)	Aggregated information - Aggregated volume - Price		
e)	Date of the transaction	2016-12-15	
f)	Place of the transaction	Outside the market	

## Transactions with shares and linked securities in Genmab A/S made by managerial employees and their closely associated persons

<b>1.</b>	<b>Details of the person discharging managerial responsibilities / person closely associated</b>		
a)	Name	David A. Eatwell	
<b>2.</b>	<b>Reason for the notification</b>		
a)	Position/status	Executive Vice President & Chief Financial Officer	
b)	Initial notification/Amendment	Initial notification	
<b>3.</b>	<b>Details of the issuer, emission allowance market participant, auction platform, auctioneer or auction monitor</b>		
a)	Name	Genmab A/S	
b)	LEI-code	N/A	
<b>4.</b>	<b>Details of the transaction(s): section to be repeated for (i) each type of instrument; (ii) each type of transaction; (iii) each date; and (iv) each place where transactions have been conducted</b>		
a)	Description of the financial instrument, type of instrument	Restricted Stock Units related to shares of Genmab A/S	
	Identification code	DK0010272202	
b)	Nature of the transaction	Grant of Restricted Stock Units	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		DKK 0.00	3,634
d)	Aggregated information - Aggregated volume - Price		
e)	Date of the transaction	2016-12-15	
f)	Place of the transaction	Outside the market	

## Transactions with shares and linked securities in Genmab A/S made by managerial employees and their closely associated persons

1.	Details of the person discharging managerial responsibilities / person closely associated		
a)	Name	Jan G. J. van de Winkel	
2.	Reason for the notification		
a)	Position/status	President & Chief Executive Officer	
b)	Initial notification/Amendment	Initial notification	
3.	Details of the issuer, emission allowance market participant, auction platform, auctioneer or auction monitor		
a)	Name	Genmab A/S	
b)	LEI-code	N/A	
4.	Details of the transaction(s): section to be repeated for (i) each type of instrument; (ii) each type of transaction; (iii) each date; and (iv) each place where transactions have been conducted		
a)	Description of the financial instrument, type of instrument	Warrants related to shares of Genmab A/S	
	Identification code	DK0010272202	
b)	Nature of the transaction	Grant of warrants	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		DKK 0.00	17,941
d)	Aggregated information - Aggregated volume - Price		
e)	Date of the transaction	2016-12-15	
f)	Place of the transaction	Outside the market	

## Transactions with shares and linked securities in Genmab A/S made by managerial employees and their closely associated persons

1.	Details of the person discharging managerial responsibilities / person closely associated		
a)	Name	David A. Eatwell	
2.	Reason for the notification		
a)	Position/status	Executive Vice President & Chief Financial Officer	
b)	Initial notification/Amendment	Initial notification	
3.	Details of the issuer, emission allowance market participant, auction platform, auctioneer or auction monitor		
a)	Name	Genmab A/S	
b)	LEI-code	N/A	
4.	Details of the transaction(s): section to be repeated for (i) each type of instrument; (ii) each type of transaction; (iii) each date; and (iv) each place where transactions have been conducted		
a)	Description of the financial instrument, type of instrument	Warrants related to shares of Genmab A/S	
	Identification code	DK0010272202	
b)	Nature of the transaction	Grant of warrants	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		DKK 0.00	11,202
d)	Aggregated information - Aggregated volume - Price		
e)	Date of the transaction	2016-12-15	
f)	Place of the transaction	Outside the market	

## Transactions with shares and linked securities in Genmab A/S made by managerial employees and their closely associated persons

1.	Details of the person discharging managerial responsibilities / person closely associated		
a)	Name	Dan Bruno	
2.	Reason for the notification		
a)	Position/status	Member of the Board of Directors	
b)	Initial notification/Amendment	Initial notification	
3.	Details of the issuer, emission allowance market participant, auction platform, auctioneer or auction monitor		
a)	Name	Genmab A/S	
b)	LEI-code	N/A	
4.	Details of the transaction(s): section to be repeated for (i) each type of instrument; (ii) each type of transaction; (iii) each date; and (iv) each place where transactions have been conducted		
a)	Description of the financial instrument, type of instrument	Warrants related to shares of Genmab A/S	
	Identification code	DK0010272202	
b)	Nature of the transaction	Grant of warrants (as employee of Genmab US, Inc., not as board member)	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		DKK 0.00	3,363
d)	Aggregated information - Aggregated volume - Price		
e)	Date of the transaction	2016-12-15	
f)	Place of the transaction	Outside the market	

## Transactions with shares and linked securities in Genmab A/S made by managerial employees and their closely associated persons

1.	Details of the person discharging managerial responsibilities / person closely associated		
a)	Name	Rick Hibbert	
2.	Reason for the notification		
a)	Position/status	Member of the Board of Directors	
b)	Initial notification/Amendment	Initial notification	
3.	Details of the issuer, emission allowance market participant, auction platform, auctioneer or auction monitor		
a)	Name	Genmab A/S	
b)	LEI-code	N/A	
4.	Details of the transaction(s): section to be repeated for (i) each type of instrument; (ii) each type of transaction; (iii) each date; and (iv) each place where transactions have been conducted		
a)	Description of the financial instrument, type of instrument	Warrants related to shares of Genmab A/S	
	Identification code	DK0010272202	
b)	Nature of the transaction	Grant of warrants (as employee of Genmab B.V., not as board member)	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		DKK 0.00	200
d)	Aggregated information - Aggregated volume - Price		
e)	Date of the transaction	2016-12-15	
f)	Place of the transaction	Outside the market	

## Transactions with shares and linked securities in Genmab A/S made by managerial employees and their closely associated persons

1.	Details of the person discharging managerial responsibilities / person closely associated		
a)	Name	Peter Storm Kristensen	
2.	Reason for the notification		
a)	Position/status	Member of the Board of Directors	
b)	Initial notification/Amendment	Initial notification	
3.	Details of the issuer, emission allowance market participant, auction platform, auctioneer or auction monitor		
a)	Name	Genmab A/S	
b)	LEI-code	N/A	
4.	Details of the transaction(s): section to be repeated for (i) each type of instrument; (ii) each type of transaction; (iii) each date; and (iv) each place where transactions have been conducted		
a)	Description of the financial instrument, type of instrument	Warrants related to shares of Genmab A/S	
	Identification code	DK0010272202	
b)	Nature of the transaction	Grant of warrants (as employee of Genmab A/S, not as board member)	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		DKK 0.00	354
d)	Aggregated information - Aggregated volume - Price		
e)	Date of the transaction	2016-12-15	
f)	Place of the transaction	Outside the market	

### About Genmab

Genmab is a publicly traded, international biotechnology company specializing in the creation and development of differentiated antibody therapeutics for the treatment of cancer. Founded in 1999, the company has two approved antibodies, DARZALEX<sup>®</sup> (daratumumab) for the treatment of certain multiple myeloma indications, and Arzerra<sup>®</sup> (ofatumumab) for the treatment of certain chronic lymphocytic leukemia indications. Daratumumab is in clinical development for additional multiple myeloma indications, non-Hodgkin's lymphoma and solid tumors. A subcutaneous formulation of ofatumumab is in development for relapsing multiple sclerosis. Genmab also has a broad clinical and pre-clinical product pipeline. Genmab's technology base consists of validated and proprietary next generation antibody technologies - the DuoBody<sup>®</sup> platform for generation of bispecific antibodies, and the HexaBody<sup>®</sup> platform which creates effector function enhanced antibodies. The company intends to leverage these technologies to create opportunities for full or co-ownership of future products. Genmab has alliances with top tier pharmaceutical and biotechnology companies. For more information visit [www.genmab.com](http://www.genmab.com).

### Contact:

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## Transactions with shares and linked securities in Genmab A/S made by managerial employees and their closely associated persons

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Genmab A/S and its subsidiaries own the following trademarks: Genmab<sup>®</sup>; the Y-shaped Genmab logo<sup>®</sup>; Genmab in combination with the Y-shaped Genmab logo<sup>™</sup>; the DuoBody logo<sup>®</sup>; the HexaBody logo<sup>™</sup>; HuMax<sup>®</sup>; HuMax-CD20<sup>®</sup>; DuoBody<sup>®</sup>; HexaBody<sup>®</sup> and UniBody<sup>®</sup>. Arzerra<sup>®</sup> is a trademark of Novartis AG or its affiliates. DARZALEX<sup>®</sup> is a trademark of Janssen Biotech, Inc.