

Quarter End Results

Period Ended March 31, 2017





Forward Looking Statement

This presentation contains forward looking statements. The words "believe", "expect", "anticipate", "intend" and "plan" and similar expressions identify forward looking statements. All statements other than statements of historical facts included in this presentation, including, without limitation, those regarding our financial position, business strategy, plans and objectives of management for future operations (including development plans and objectives relating to our products), are forward looking statements. Such forward looking statements involve known and unknown risks, uncertainties and other factors which may cause our actual results, performance or achievements to be materially different from any future results, performance or achievements expressed or implied by such forward looking statements. Such forward looking statements are based on numerous assumptions regarding our present and future business strategies and the environment in which we will operate in the future. The important factors that could cause our actual results, performance or achievements to differ materially from those in the forward looking statements include, among others, risks associated with product discovery and development, uncertainties related to the outcome of clinical trials, slower than expected rates of patient recruitment, unforeseen safety issues resulting from the administration of our products in patients, uncertainties related to product manufacturing, the lack of market acceptance of our products, our inability to manage growth, the competitive environment in relation to our business area and markets, our inability to attract and retain suitably qualified personnel, the unenforceability or lack of protection of our patents and proprietary rights, our relationships with affiliated entities, changes and developments in technology which may render our products obsolete, and other factors. Further, certain forward looking statements are based upon assumptions of future events which may not prove to be accurate. The forward looking statements in this document speak only as at the date of this presentation.



Key Events 2017

DARZALEX® (daratumumab)

- EU regulatory approval for relapsed or refractory multiple myeloma – USD 48M in milestones for 1st sale in new indication
- New Phase III study (APOLLO) in combination with pomalidomide in relapsed/refractory multiple myeloma
- Multiple new studies announced
- Phase II study in non-Hodgkin's lymphoma (CARINA) did not proceed to stage 2 of trial
- USD 255M net sales by Janssen in Q1 2017
 - Resulting in DKK 211M in royalties from Janssen

Other Key Highlights

- New Chief Development Officer Judith Klimovsky, MD
- Janssen DuoBody program JNJ-63709178 resumed recruitment
- Improved revenue by DKK 81M vs Q1 2016



Income Statement: Three Months Ended March 31

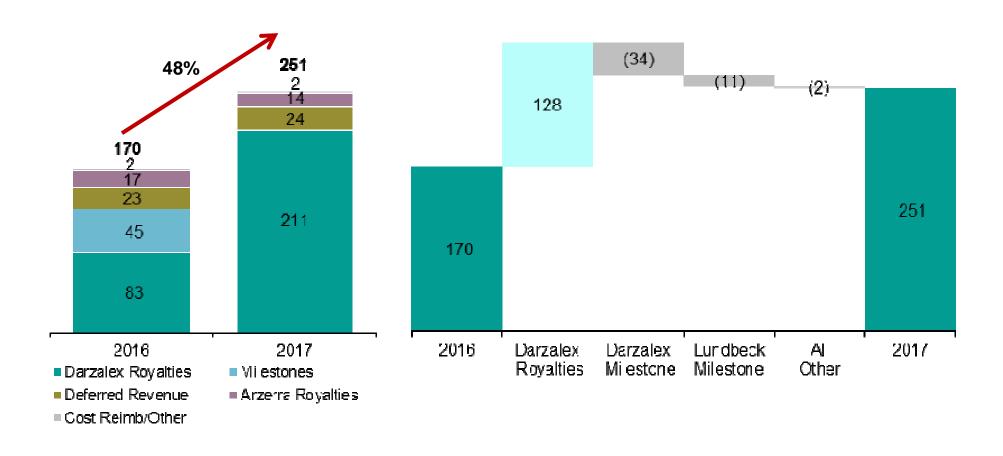
	<u>2017</u>	<u>2016</u>		<u>2017</u>	<u>2016</u>
	DKK millions Change		USD millions **		
Royalties	225	100	125	32	14
Darzalex Milestones	-	34	(34)	-	5
Other Revenue	26	36	(10)	4	5
Total Revenue	251	170	81	36	24
R&D Costs	(170)	(127)	(43)	(24)	(18)
G&A Expenses	(35)	(27)	(8)	(5)	(4)
Operating Expenses	(205)	(154)	(51)	(29)	(22)
Operating Result	46	16	30	7	2
Net Financial Items	(26)	(28)	2	(4)	(4)
Tax	(4)	-	(4)	(1)	-
Net Result	16	(12)	28	2	(2)
Cash position increase*	829	(2)		119	_
Cash position at end of period*	4,751	3,491		683	502

^{*}Cash, cash equivalents, and marketable securities

^{**} USD 1.00 = DKK 6.9572 (Danish Central Bank spot rate on March 31, 2017)



Revenue 2017 vs. 2016 – Three Months Ended March 31

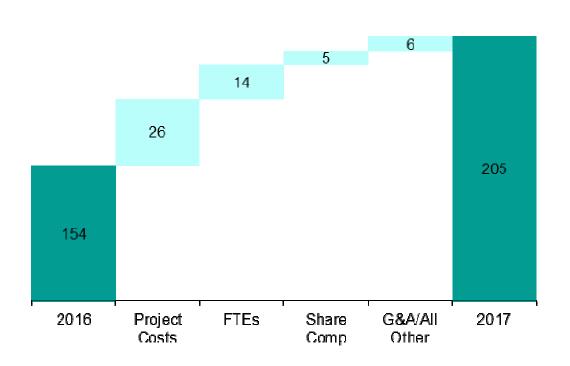


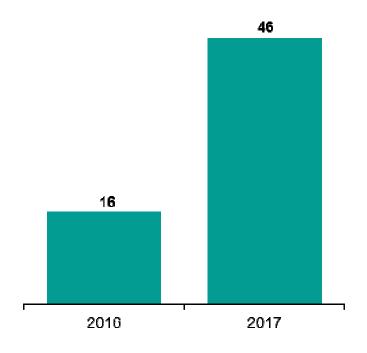


Operating Result: Investing in our Pipeline

Increased Operating Expenses driven by additional pipeline investments

Revenue growth outpaced expense increase - driving higher Operating Result



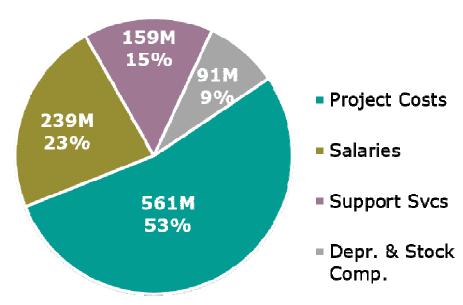




Overview – 2017 Guidance Maintained

DKK Millions	2017 Guidance		
Revenue	1,950 – 2,150		
Operating expenses	(1,000) - (1,100)		
Operating income	900 – 1,100		
Cash position at end of year*	>4,500		
*Cash, cash equivalents, and marketable securities			

2017 Expense Base DKK 1,050M



DARZALEX sales

 Genmab's estimate of DARZALEX net sales USD 1.1-1.3 billion

Revenue mid-point DKK 2,050M

- DARZALEX royalties DKK 1,000M
- DARZALEX milestones DKK 800M
- Quality of revenue improving

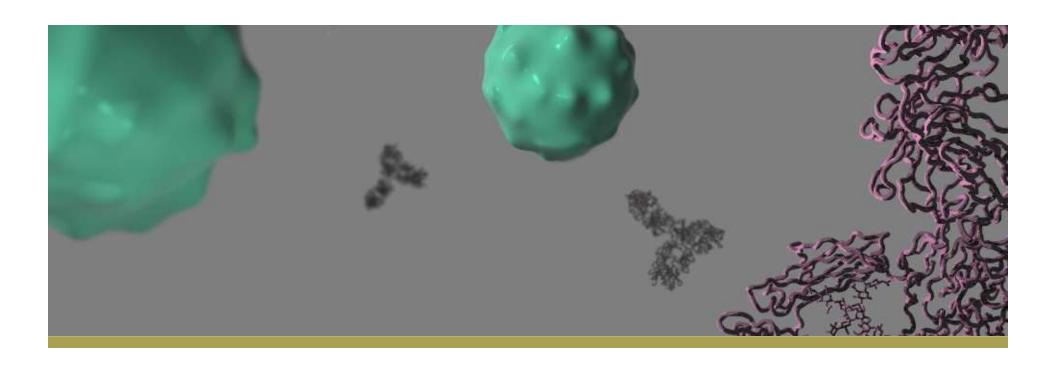
Expense mid-point DKK 1,050

- Continued investment in our clinical & pre-clinical pipeline
- 8 pipeline projects drive ~DKK 440M,
 42% of total expense



2017 Goals: Maximizing Differentiated Product Portfolio Value

Priority	✓	Targeted Milestone
Maximize daratumumab progress	√	 EMA decision & launch in 2nd line+ in multiple myeloma (MM) relapsed / refractory setting FDA decision in 3rd line MM setting (daratumumab + POM) Phase III MM interim efficacy analysis in frontline (Alcyone trial) Start Phase III subcutaneous trial Start trials in solid tumors and non-MM blood cancers Report non-MM clinical data
Optimize ofatumumab value		» Phase III refractory follicular lymphoma headline results
Strengthen differentiated product pipeline		 Phase I/II tisotumab vedotin data Progress HuMax-AXL-ADC Phase I/II clinical trial IND/CTA submission HexaBody-DR5/DR5 IND/CTA submission DuoBody-CD3xCD20 Progress pre-clinical pipeline
Broaden partnership portfolio with next generation technologies		 Enter new technology collaborations Progress partnered programs
Disciplined financial management		» Execute controlled company growth with selective investments in product pipeline



Q&A

Upcoming Investor & Other Events

American Society of Clinical Oncology Annual Meeting, June 2-6 Goldman Sachs 38th Annual Global Healthcare Conference, June 13-15 Citi 2017 European Healthcare Conference, June 21 JP Morgan European Healthcare Conference, June 22

