

#### **AGENDA**

Introduction
Business review

Financials

Pipeline

Summary

#### **PRESENTERS**



Guido Oelkers
Chief Executive Officer and President



Mats-Olof Wallin
Chief Financial Officer



Milan Zdravkovic
Head of Research & Development and
Chief Medical Officer



## Forward looking statements

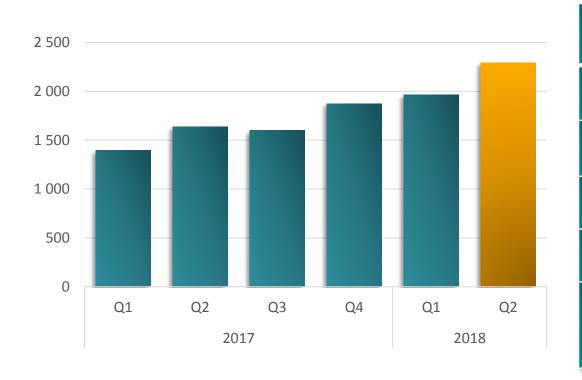
In order to utilize the 'Safe Harbor' provisions of the United States Private Securities Litigation Reform Act of 1995, Swedish Orphan Biovitrum AB (publ) is providing the following cautionary statement, This presentation contains forward-looking statements with respect to the financial condition, results of operations and businesses of Swedish Orphan Biovitrum AB (publ), By their nature, forward-looking statements and forecasts involve risk and uncertainty because they relate to events and depend on circumstances that will occur in the future. There are a number of factors that could cause actual results and developments to differ materially from that expressed or implied by these forward-looking statements, These factors include, among other things, the loss or expiration of patents, marketing exclusivity or trade marks; exchange rate fluctuations; the risk that R&D will not yield new products that achieve commercial success; the impact of competition, price controls and price reductions; taxation risks; the risk of substantial product liability claims; the impact of any failure by third parties to supply materials or services; the risk of delay to new product launches; the difficulties of obtaining and maintaining governmental approvals for products; the risk of failure to observe ongoing regulatory oversight; the risk that new products do not perform as we expect; and the risk of environmental liabilities.

## Q2 highlights

- 40 per cent sales growth (36 per cent at CER)
- Total revenues of SEK 2,289 M (1,639)
- EBITA increased by 94 per cent to SEK 951 M (492)
- Net cash position of SEK 2,300 M (1,472 as of 31 December 2017)
- Revenues for Elocta® were SEK 794 M (351), an increase of 126 per cent
- Revenues for Alprolix® SEK 263 M (84), an increase of 215 per cent
- Kineret<sup>®</sup> sales were SEK 340 M (286) for Q2, an increase of 19 per cent
- Orfadin® sales reached their highest level yet, with revenue growth of 7 per cent to SEK 236 M (220)
- Advancements in the R&D portfolio (BIVV001, SOBI003, anaGO)
- Outlook revised

## Financial highlights Q2 2018

#### **Total Revenue (SEK M)**



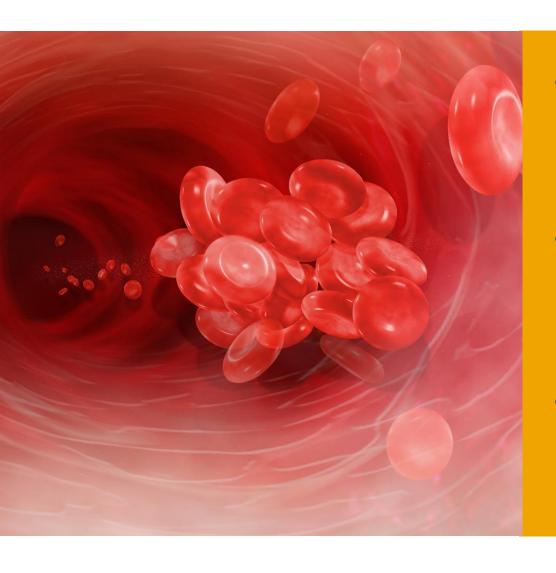
	Q2 2018	Q2 2017	Change (%)	H1 2018	H1 2017	Change (%)
Revenues (SEK M)	2,289	1,639	+40	4,253	3,035	+40
Gross margin	73%	71%		73%	72%	
EBITA (SEK M)	951	492	+94	1,722	898	+92
EBITA margin	42%	30%		40%	30%	
Cash flow from operations (SEK M)	564	173	+226	841	496	+70

# **Business review Q2**

**Guido Oelkers** 



## Haemophilia – growth based on innovation

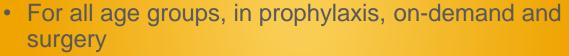




 Unique use of Fc fusion technology in haemophilia utilising a natural pathway in the body



Provides opportunities for individualised treatment



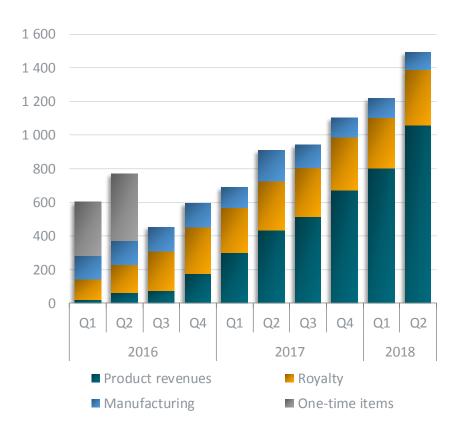


- Mode of action a natural way of replacing factor
- Evidence shows improved joint health
  - Prophylactic treatment with Elocta demonstrates improved joint health



## Haemophilia – product revenues over SEK 1 Bn in Q2

#### **Total Revenues (SEK M)**



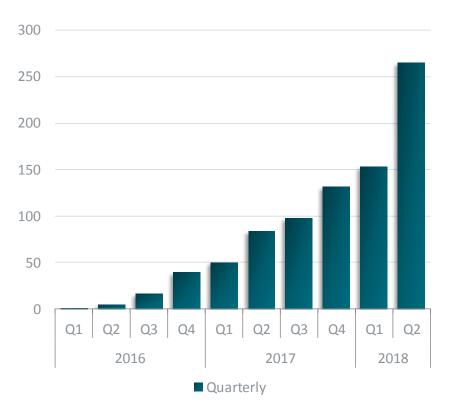
- Q2 revenues of SEK 1,493 M (923)
  - SEK 1,057 M (434) in product revenues
  - SEK 335 M (305) in royalty revenues
  - SEK 100 M (184) in manufacturing revenues

### Elocta – acceleration continues



- Q2 product revenues of SEK 794 M (351)
  - SEK 443 M (126 per cent) growth
  - Close to 60 per cent of the growth derived from France, Germany, Italy and UK
- Reimbursed in 25 countries

## Alprolix – over 200 per cent revenue growth



- Product revenues of SEK 263 M (84)
  - SEK 179 M (215 per cent) growth
  - More than 70 per cent of the growth derived from France, Germany, Italy and the Netherlands
- Reimbursed in 16 countries

## Specialty Care – core strengths continue to deliver



World-class commercialisation platform



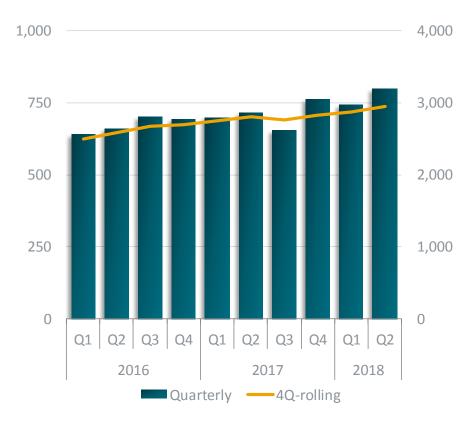
Lifecycle management & indication expansion



Partner product portfolio with expansion possibilities

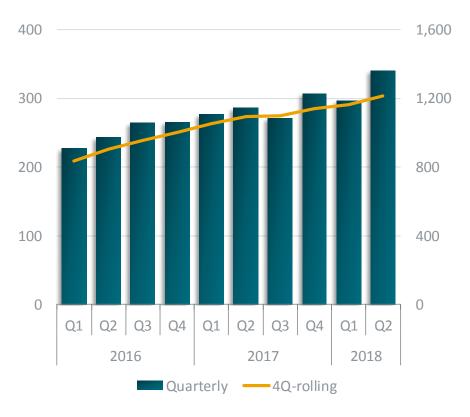


## Specialty Care – strong performance across portfolio



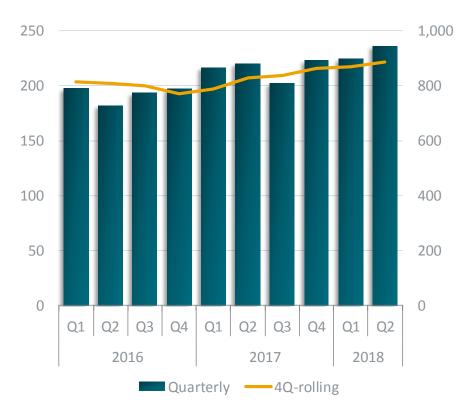
- Q2 Revenues SEK 796 M (716)
  - increase of 11 per cent (9 per cent at CER)
- Kineret strong double-digit growth
- Orfadin continued strong growth
- Ravicti launched and gained reimbursement in first wave countries
- Xiapex growth mainly driven by Peyronie's indication with Italy as a strong contributor

## Kineret - strong growth driven by expansion of indications



- Q2 revenues SEK 340 M (286)
  - increase of 19 per cent (17 per cent at CER)
- Strong growth across all regions
- Still's indication granted EC approval on 6 April
  - Pricing and reimbursement for Still's disease secured for Germany, UK, Ireland, Netherlands and the Nordics
- Strong US growth continued due to patient support programmes and high demand in the IL-1 area

## Orfadin – reached it's highest sales level



- Q2 revenues SEK 236 M (220)
  - increase of 7 per cent (6 per cent at CER)
- Growth continued across EMENAR and North America due to solid patient support programmes and new formulations
- The first generics have entered some markets

# **Financial results**

**Mats-Olof Wallin** 



## Profit & loss statement

Amounts in SEK M	Q2 2018	Q2 2017	H1 2018	H1 2017	Full-year 2017
Total revenues  Total cost of goods and services sold	<b>2,289</b> -612	<b>1,639</b> -475	<b>4,253</b> -1,164	<b>3,035</b> -844	<b>6,511</b> -1,854
Gross profit	1,677	1,163	3,089	2,191	4,657
Gross margin	73%	71%	73%	72%	72%
Sales and administrative expenses	-483	-413	-916	-796	-1,644
Research and development expenses	-241	-247	-475	-465	-908
Other operating revenue/expenses	-1	-11	24	-32	-52
EBITA	951	492	1,722	898	2,053
EBITA margin	42%	30%	40%	30%	32%
Amortisation and write-downs	-111	-110	-221	-232	-453
EBIT	841	381	1,500	666	1,600
Financial income/expenses	-6	-21	-4	-36	-68
Profit before tax	834	360	1,497	630	1,532
Income tax expense	-149	-95	-297	-162	-384
Profit for the period	685	265	1,200	468	1,149

## Balance sheet

Amounts in SEK M	Jun 2018	Dec 2017	Jun 2017		Jun 2018	Dec 2017	Jun 2017
Assets				Equity and liabilities	4		
Intangible assets Tangible and other non-current	6,240	6,445	6,643	Shareholders' equity	7,851	6,701	5,963
assets	328	301	270	Long-term liabilities	5	5	502
Total non-current assets	6,567	6,746	6,913	Long-term liabilities, non-interest			33_
				bearing	1,489	1,832	2,021
Inventories	1,185	1,053	1,123	Current liabilities	2	2	2
Accounts receivable	1,555	1,129	1,027	Total liabilities	2,778	2,363	2,194
Other current receivable	512	496	430	Total equity and liabilities	12,124	10,903	10,682
Cash and cash equivalent	2,306	1,478	1,189				
Total current assets	5,558	4,157	3,769				
Total Asset	12,124	10,903	10,682				

# Pipeline

Milan Zdravkovic



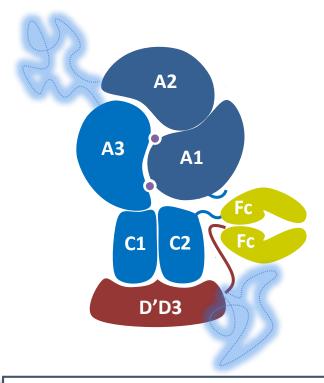
# A rare disease pipeline with increasing value

Therapeutic area/ Indication	Product/Project	Pre-clinical	Phase 1	Phase 2	Phase 3	Phase 4
Haemophilia A	Elocta/A-SPIRE					
Haemophilia A	Elocta/PUP A					
Haemophilia A	XTEN*/BIVV001					
Haemophilia A	Elocta/ASURE					
Haemophilia A	Elocta/relTlrate					
Haemophilia A	Elocta/verITI8					
Haemophilia A and B	Elocta/ Alprolix/PREVENT					
Haemophilia B	Alprolix/B-YOND					
Haemophilia B	Alprolix/PUP B					
Haemophilia B	XTEN*/BIVV002					
Acute gout	Kineret/anaGO					
Still's disease	Kineret/anaSTILLs					
Alkaptonuria	Orfadin/SONIA2					
MPS IIIA	SOBI003					
Anti-C5	SOBI005					
Anti-IL-1	SOBI006				Swedish	n Orphan Biovitrur

# BIVV001 – the first, novel investigational FVIII therapy to break the VWF half-life ceiling

#### **First-in-human study**

- Phase 1/2a, open-label, dose-escalation, multicenter study to assess the safety, tolerability, and FVIII activity (PK) of a single dose of BIVV001 compared with rFVIII in previously treated adult males with severe hemophilia
- Data from first four patients of a single lowdose of 25 IU/kg showed a favorable safety profile of BIVV001
- Geometric mean half-life of 37 hours for BIVV001 (vs. 13 hours for rFVIII)
- Average FVIII activity was about 5.6% at 7 days post infusion of a single low dose BIVV001 while for conventional rFVIII it reduced to less than 1% within 3 days



#### **Upon thrombin activation:**

- Removes B domain XTEN
- Disrupts FVIII and D' D3 interaction
- Removes D' D3-XTEN
- Results in same molecule as activated rFVIIIFc

BIVV001 is a Bioverativ programme.

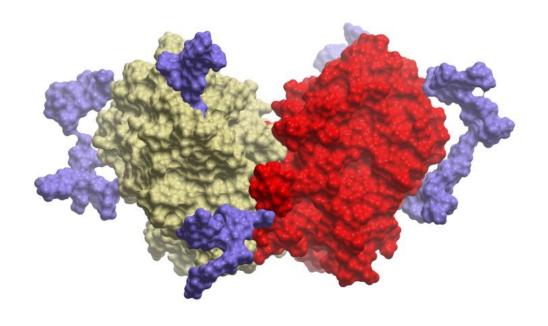
Sobi elected to add BIVV001 to the collaboration agreement with Bioverativ, a Sanofi company in September 2014, but has not yet opted in.



## SOBI003 for Mucopolysaccharidosis IIIA (MPS IIIA)

#### Mucopolysaccharidosis IIIA (MPS IIIA)

- A rare systemic disease with a significant CNS component due to incomplete breakdown and increased lysosomal storage of heparan sulfate (HS)
- Increased morbidity and mortality
- Caused by mutations in gene for sulfamidase enzyme
- Up to about 2000 people are estimated to live with MPS IIIA in the EU and US
- There is currently no treatment available for MPS IIIA
- SOBI003: a recombinant sulfamidase using proprietary Modifa™ technology with potential to address an unmet needs in MPS IIIA



SOBI003 - chemically modified recombinant human sulfamidase

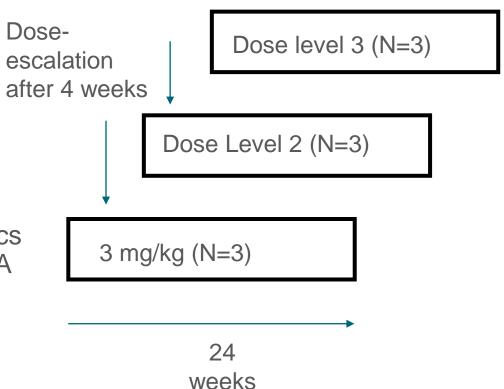
## First patient screened in first-in-human study with SOBI003

#### **Development status**

- Orphan Drug Designation in the EU and US
- US FDA Fast Track Designation

#### **First-in-man study**

- Open-label, non-controlled, parallel, sequential ascending multiple dose, study to assess the dose related safety, tolerability, pharmacokinetics and pharmacodynamics of SOBI003 in MPS IIIA patients (1-6 years of age)
- Patients completing 24 weeks will be offered enrolment into a 80 weeks extension study

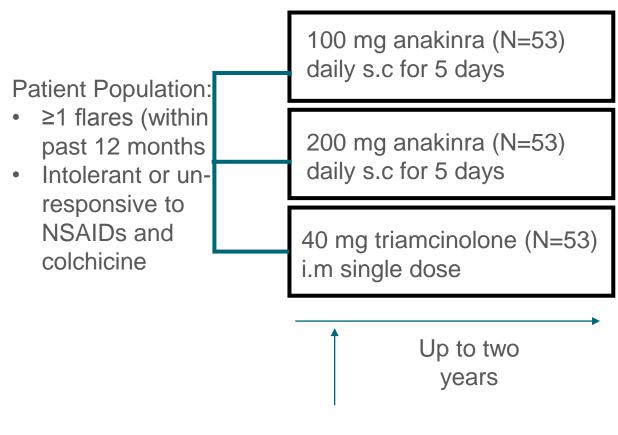


SOBI003 will be administered once weekly (i.v.)

# Enrolment completed in the phase 2 study anaGO, with anakinra in patients with acute gout

#### Phase 2 study

- A randomized, double-blind, activecontrol, multicenter, efficacy and safety study of 2 dose levels of subcutaneous anakinra compared to intramuscular triamcinolone in the treatment of acute gouty arthritis, followed by an extension period of up to 2 years for treatment of subsequent flares
- Primary objective: to evaluate efficacy of anakinra compared to triamcinolone with respect to patientassessed pain intensity in the treatment of a gouty arthritis flare (first flare in study)



Primary results analysis after 15 days

# Summary

**Guido Oelkers** 



### Outlook 2018<sup>1,2</sup> – revised

- Sobi expects total revenues for the full-year to be in the range of SEK 8,600 8,800 M (7,900 – 8,100)
- Gross margin is expected to be at least 70 per cent (unchanged)
- Sobi expects EBITA for the full-year to be in the range of SEK 3,400 3,600 M (2,800 – 3,000)

<sup>1</sup>At current exchange rates as of 18 July 2018



<sup>&</sup>lt;sup>2</sup>The latest outlook was published on 26 April 2018

## Our strategic direction



Further internationalisation and commercialisation of Haemophilia

Build Specialty Care as the preferred partner

**Strengthen position** in the US and EMENAR

Build pipeline and self-sustained R&D

#### Vision

To be recognised as a global leader in providing innovative treatments that transform lives for individuals with rare diseases

# Q&A



