

Disclaimer



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All the figures in this presentation have been rounded, which is why the total sums of individual figures may differ from the total sums shown.



1) Orion in brief

2) Highlights of 1-9/2020

3) R&D

4) Responsibility

5) Appendices

6) Financial calendar



Orion in brief



Key messages



Orion develops, manufactures and markets human and animal pharmaceuticals and APIs. Products marketed in >100 countries.

 Balanced business model: Both
 proprietary drugs and generics.



Orion at a glance (2019 figures)



Opic

29%

17%

Orion's development

Net sales



35% 30% 25% 20% 15%



Operating profit

350

300

250

200

150

100

50

0

EUR million

10%

5%

0%

Orion's businesses





In-house developed drugs and other drugs with valid product protection for global markets. Own sales network in Europe. Generic prescription drugs,
OTC and non-medicinal
products, biosimilars.Finland56%Scandinavia18%Eastern Europe14%ROW12%

Own animal drugs for global markets. Other drugs and well-being products. Own sales network in Nordics and Eastern Europe.

Aptus°

Animal Health



Active pharmaceutical ingredients (APIs) for own proprietary products. CMO & CDMO services for other pharma companies.





2015 2016 2017 2018 2019 46%



2015 2016 2017 2018 2019 **8**%



2015 2016 2017 2018 2019

7%

= share of Group net sales in 2019

Outlook for 2020 (provided on 19 October 2020)

Net sales

Orion estimates that in 2020 net sales will be **at a similar level** as in 2019 or **slightly higher** than in 2019 (net sales in 2019 were EUR 1,051 million).

Operating profit

Operating profit is estimated to be **higher or clearly higher** than in 2019 (in 2019 operating profit was EUR 253 million). Orion's strategic growth target and financial objectives

Strategic growth target: Net sales EUR 1.5 billion in 2025

Financial objectives:

Growing net sales more rapidly than growth of the pharma market. Achievement of this objective requires continuous investment in development of the product portfolio.



Keeping the equity ratio at least 50%.



Maintaining profitability at a good level. The aim is operating profit that exceeds 25% of net sales.



Distributing an annual dividend that in the next few years will be at least EUR 1.30 per share, and increasing the dividend in the long term.

Key elements of Orion's growth



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New Proprietary Products and R&D pipeline as growth drivers - after ODM-109 failure more emphasis on other opportunities



*) requires successful clinical trials

Orion's key clinical drug development projects



More information on R&D projects: www.orion.fi/en/rd/orion-rd/pipeline/

Orion had ~67,800 shareholders on 30 September 2020

By number of shares



- Households (Finnish retail)
- Non-Finnish holders and nominee-registered
- Private corporations
 - Public sector
 - Non-profit institutions
 - Financial and insurance corporations

By number of votes



Opic

Largest shareholders by votes and shares on 30 September 2020

#	Shareholder	% of votes	Number of votes	# Shareholder % of s	hares	Number of shares
1	Erkki Etola and companies	6.19	50,200,000	1 Ilmarinen Mutual Pension Insurance Company	2.57	3,619,845
2	Maa- ja vesitekniikan tuki r.y. and companies	5.14	41,667,200	2 Erkki Etola and companies	1.91	2,700,000
3	Ilmarinen Mutual Pension Insurance Company	4.73	38,366,247	3 Maa- ja vesitekniikan tuki r.y. and companies	1.48	2,083,360
4	Ylppö Jukka Arvo	3.10	25,140,449	4 Elo Mutual Pension Insurance Company	1.29	1,826,655
5	Into Ylppö and commanding votes	1.97	15,952,688	5 The Social Insurance Institution of Finland, KELA	1.18	1,658,368
6	Aho Group Oy and commanding votes	1.80	14,584,798	6 Ylppö Jukka Arvo	1.02	1,444,865
7	Saastamoisen säätiö (foundation)	1.62	13,099,920	7 Varma Mutual Pension Insurance Company	0.77	1,079,397
8	Orion Pension Fund	1.36	11,064,792	8 Into Ylppö and commanding votes	0.73	1,028,340
9	Eija Ronkainen and companies	1.33	10,748,639	9 The State Pension Fund	0.66	925,000
10	Ingman Finance Oy Ab	1.10	8,900,000	10 Aho Group Oy and commanding votes	0.52	737,587
11	Elo Mutual Pension Insurance Company	0.91	7,389,855	11 Orion Pension Fund	0.51	724,840
12	Leikola Erkki	0.70	5,638,000	12 Orion Oyj	0.48	671,082
13	Salonen Seppo Tapani	0.67	5,443,740	13 Saastamoisen säätiö (foundation)	0.46	654,996
14	Westerlund Riikka Maritza	0.60	4,882,700	14 Eija Ronkainen and companies	0.41	574,139
15	Kavetvuo Matti Ilmari	0.52	4,180,000	15 OP-Finland Fund	0.39	545,234
16	Kytilä Miikka Elias Anton	0.45	3,662,200	16 Ingman Finance Oy Ab	0.32	445,000
17	Salonen Ilkka Mikael	0.45	3,611,302	17 Schweizer Nationalbank	0.30	423,919
18	Lenko Hanna Liisa	0.41	3,358,000	18 Orion Research Foundation	0.29	415,510
19	Kytilä Juha	0.38	3,126,500	19 The estate of Jouko Brade and companies	0.29	410,000
20	Orion Research Foundation	0.36	2,942,434	20 Nordea Pro Finland Fund	0.27	381,118
	20 largest shareholders, total	33.78	273,949,464	20 largest shareholders, total	15.83	22,343,585
	Other shareholders	66.22	536,972,320	Other shareholders	84.17	118,790,693
	Total		810,921,784	Total		141,134,278

Orion B share performance January 2016 - September 2020



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Highlights in January-September 2020



Orion is prepared for the second wave of COVID-19 pandemic

Orion is prepared for the second wave of the COVID-19 by seeking to ensure the continuity of the production and the availability of pharmaceutical products by eg. increasing inventories.

Net sales grew slightly. Due to net sales growth, favourable margin structure of the sales and lower expenses the operating profit increased clearly.



REFALS study (ODM-109) did not meet its endpoints.



New data from ARAMIS study published at ASCO and in The New England Journal of Medicine.



Orion is renewing R&D organisation.

COVID-19 pandemic impacts on Orion

The most important thing is to take care of the health and safety of employees, the continuity of production and patient safety in ongoing clinical trials.



The March demand spike impact of Gx and OTC products has levelled off.



Disruptions in the global supply chains possible but the risk of impacts in 2020 has further lowered.

The inventory levels of products



Strong increase in demand in March-April after which demand returned to a more normal level.

The impact of March demand

spike has levelled off.



Some delays in some R&D programs.

and raw materials are good.







Net sales

823

MEUR (776) +6% Operating profit

246 MEUR (198)

+24%

Operating profit margin 30%

(25%)

Cash flow per share before financial items

> **1.52** EUR (1.28) +18%



Development of net sales in 1-9/2020 vs. 1-9/2019

* Nubeqa® product sales & royalty ** Royalties & milestones (without Nubeqa® royalties)



* Product & service sales without sales margin and product mix change and exchange rate effect *** Exchange rate effect on gross margin ** Product sales margin and product mix change but without exchange rate effect



All units showed growth



ORIO 1-9/2020 7% 8% 40% 45% Proprietary Products Specialty Products Animal Health Fermion & CM

Best-selling pharmaceuticals 1-9/2020

		Indication	Net sales EUR million	Change vs. 1-9/2019
1.		Asthma, COPD	88	+17%
2.	Stalevo Comtess COMTan	Parkinson's disease	80	+14%
3.		Acute heart failure	49	-1%
4.	dexdor	Intensive care sedative	41	-10%
5.		Animal sedatives	29	+6%
6.	burana	Inflammatory pain	18	-3%
7.	Divina series Divina	Menopausal symptoms	16	+11%
8.	Trexan®	Rheumatoid arthritis, cancer	14	+71%
9.	Biosimilars (Remsima inflatimab Riterivation adalimentation	Rheumatoid arthritis, inflammatory bowel diseases, lymphoma	13	-55%
10.	Marevan [®]	Anticoagulant	12	+2%

= Products of Proprietary Products unit





Proprietary Products



Easyhaler® franchise and Parkinson's franchise growth drivers



Proprietary Products sales split 1-9/2020



Easyhaler® sales +17%



■ Other ■ Budesonide-formoterol Easyhaler®

Parkinson's franchise sales +14%

1-9/2020 Own sales MEUR 39 (33) +16% 1-9/2020 Deliveries to partners MEUR 42 (37) +12% **Sales, MEUR** 30 22 20 15 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Orion own sales Deliveries to partners

Dexdor® and Simdax®



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Specialty Products



Specialty Products: COVID-19 related demand spike levelled off further



Net sales by region 1-9/2020



Eastern Europe & Russia

Finland

ROW

Scandinavia

Net sales by products 1-9/2020

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Generic drugs
Self-care products
Biosimilars

In Finland, market for reference priced prescription drugs levelled off after demand spike in March

The market for reference priced prescription drugs in Finland (1-9/2020)

 $_{\text{MEUR}} 340 (339)$

Market development



The sales of Orion's reference priced prescription drugs in Finland



Orion's development

+2%

Orion is strong in home market Finland

Human pharma market in Finland 1–9/2020 Medicinal and non-medicinal products in hospital and pharmacy channels: EUR 2,121 million MEUR 250 229 200 76 150 94 81 80 79 84 78 100 50 69 0 Novartis Roche MSD Bayer orion pfizer Self-care products (pharmacy channel) Reference priced prescription drugs (pharmacy channel) Other

Reference priced prescription drugs Orion market share in pharmacy

25%

(24%)

Self-care products Orion market share in pharmacy

25%

Human pharmaceuticals total Orion market share in hospital & pharmacy 1 1 2% (11%)

Orion's key business targets in 2020



Commercialisation of darolutamide in Europe. ARASENS trial (metastatic prostate cancer) continues in order to expand the indication for the molecule. • First commercial sales of darolutamide in Japan and the EU.

• Fully recruited ARASENS trial estimated to complete in 2021.

Development of orally administered levosimendan (ODM-109) for ALS in phase III clinical trial (REFALS) and preparation for its possible commercialisation. The potential of different R&D projects are reviewed with consideration of the total R&D portfolio.

2.

- REFALS study did not meet its endpoints.
- Orion currently has no plans concerning the establishment of commercial operations in the United States.
- Searching for partners for the development of ODM-203 and ODM-207.



Orion's key business targets in 2020

Strengthening Orion's position as the most significant provider of generic drugs in
Finland. Competitive product portfolio in Specialty Products and strengthening of product launches.

Accelerating the growth of the Easyhaler® product family and strengthening its market position. Salmeterol-fluticasone launch in Europe.

Evaluation of new in-licensingopportunities in Europe, particularly in the area of hospital care.

4.

• Orion is a clear market leader both in self-care products and reference priced prescription drugs in Finland and Orion grew faster than the market.

• Easyhaler® product family sales increased by 17 per cent.

The work continues.




Ensuring patient safety and reliable supply of medications

Responsibility for employees, the environment and the ethics and transparency of operations



- Ensuring reliable supply of medications is the most important task for Orion at the moment
 - Product inventories at a good level
 - Ensuring the availability of raw and starting materials and externally sourced ready-made products
 - Readiness to prioritise production and increase capacity if necessary
 - Ensuring the safety of patients in clinical trials

- Taking care of the health and safety of employees is essential
 - Specific measures taken in critical production and quality control to ensure the continuation of production
 - Masks for work-related travelling and commuting
 - Reducing non-essential contacts
 - Virtual audits at production sites



Research and development



Focus areas of Orion's R&D



Proprietary products

- Central nervous system
- Oncology
- Respiratory (Easyhaler® product family)
- Rare diseases (Finnish disease heritage)



Animal Health

 Orion utilises the R&D of proprietary products to develop new medicines for animals



Fermion

- APIs for Orion's proprietary products
- Generic APIs
- Contract development for pharmaceutical companies



Together we can achieve more in R&D



Orion's key clinical drug development projects



More information on R&D projects: www.orion.fi/en/rd/orion-rd/pipeline/

Key findings of ARAMIS phase III trial: Darolutamide shows substantial efficacy and favourable safety profile





¹N Engl J Med; DOI: 10.1056/NEJMoa1815671

 Darolutamide significantly reduced risk of death by 31% (HR=0.69, 95% CI 0.53-0.88; p=0.003) in men with nmCRPC

- Darolutamide has a favourable safety profile:
 - It did not increase rates of critical adverse events compared to placebo.
 - Discontinuation rates were similar between darolutamide and placebo.



ARASENS trial aims to expand the indication of darolutamide to metastatic hormone-sensitive prostate cancer (mHSPC)



Secondary endpoints: Time to castration resistance, time to antineoplastic therapy, time to first symptomatic skeletal event, time to initiation of opioids, time to pain progression, and to characterise the safety and tolerability of darolutamide.

Financial impacts of darolutamide and regulatory update



- **Bayer** has the right to commercialise darolutamide globally.
- **Orion** will co-promote in several European countries. Orion will manufacture the product.
- Milestone payments upon first commercial sales:
 - EUR 45 million in the US Q3/2019
 - EUR 20 million in the EU Q2/2020
 - EUR 8 million in Japan Q2/2020
- Tiered royalties on product sales
 - Will be approximately 20%, including production revenue.
- Potential one-off payments if certain sales targets are met.

- Darolutamide has been approved for the treatment of nmCRPC eg. in
 - USA July 2019
 - Japan January 2020
 - EU March 2020
- Filings (nmCRPC) underway or planned in other regions

Until recently, there have been no effective treatment options for CRPC patients who have rising Prostate-Specific Antigen (PSA) levels while on ADT and no detectable metastases



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Global prostate cancer estimates (2018)



REFALS did not reach its pre-specified endpoints

- The primary endpoint of the trial was to show a statistically significant difference between levosimendan and placebo in slow vital capacity (SVC) in supine position at 12 weeks compared to the baseline
- An important secondary endpoint was to show a statistically significant difference between levosimendan and placebo in patient functionality measured by ALSFRS-R Scale (Revised Amyotrophic Lateral Sclerosis Functional Rating Scale) in combination with survival at 48 weeks compared to the baseline
- No new safety concerns were identified for levosimendan in this study
- The REFALS phase 3 trial data will be presented at a future scientific meeting
- Generates some cost savings for H2/2020
- Strategic growth target to reach EUR 1.5 billion net sales by 2025 still valid

CYP11A1 inhibitors (ODM-208 & ODM-209)



ODM-208 & ODM-209 prevent the synthesis of ALL steroid hormones

> *Glucocorticoids and mineralocorticoids* need to be replaced during therapy

Potential indications

Prostate Cancer

Breast Cancer

Endometrial cancer of the uterus Adrenocortical carcinoma Some hormone-producing benign tumours

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Orion investigates CYP11A1 inhibitors in two first-in-human Phase I-II trials

The CYPIDES trial (ODM-208)

- Advanced prostate cancer that progressed during one or more novel hormonal therapy and chemotherapy
- Patient enrollment started in March 2018
- Continues to accrue patients

The STESIDES trial (ODM-209)

- Advanced prostate cancer that progressed during one or more novel hormonal therapy and chemotherapy
- Advanced breast cancer that progressed during two or more systemic treatments
- Patient enrollment started in April 2019

- Steroid hormones stimulate the growth of hormonally regulated cancers, such as most prostate and breast cancers.
- Hormonal treatments are highly effective, but drug resistance will often eventually emerge and cancer will start growing again.
- Preclinical studies have shown that **ODM-208** and **ODM-209** inhibit the synthesis of steroid hormones. They have potential efficacy also for those cancers that have become resistant to the standard hormonal treatments.
- The steroid hormones that are needed and do not promote cancer growth are replaced with additional medication.



Sustainability is built into Orion's mission





Key themes of corporate responsibility

Ensure patient safety and availability of medicines Responsibility for the environment - production according to the principles of sustainable development

Taking care of Orionees Ethics and transparency of operations





Appendices



Track record vs. financial objectives



Orion Diagnostica Oy was divested in 2018 and is not included in the Net sales and Operating profit figures from 2017 onwards.

Key figures by quarter



Net sales, EUR million





Operating profit, EUR million



Cash flow per share before financial items, EUR million



Key figures

Orion's key figures	2015	2016	2017	2018	2019	1-9/ 2020	Change vs. 1-9/2019
Net sales, EUR million	1,015.6	1,073.5	1,033.6	977.5	1,051.0	882.7	+6.0%
EBITDA	308,3	355,2	323,6	293.9	308.9	288.7	+20.6%
Operating profit, EUR million	266.6	314.6	284.1	252.8	252.8	245.9	+24.3%
Profit before taxes, EUR million	262.3	310.9	277.7	248.4	250.8	244.5	+24.7%
R&D expenses, EUR million	108.1	118.2	99.1	104.0	119.3	84.8	-2.0%
Equity ratio, %	57.4%	60.8%	64.6%	68.8%	76.7%	70.4%	
Gearing, %	-9.6%	-12.4%	-1 .9 %	-17.1%	-17.8%	-18.4%	
ROCE (before taxes), %	35.7%	40.9%	36.2%	44.3%	29.9 %	40.1%	
Return on equity, %	37.5%	40.3%	34.2%	45.5%	25.8%	33.7%	
Basic earnings per share, EUR	1.48	1.77	1.56	1.40	1.43	1.38	+25.3%
Interest bearing net debt	-57.4	-79.4	-12.7	-132.1	-139.1	-140.0	+63.2%
Cash flow per share before financial items, EUR	1.51	1.62	1.09	2.32	1.68	1.52	+18.3%
Dividend per share, EUR	1.30	1.55	1.45	1.50	1.50		
		= includes l	both continui	ng and disco	ntinued (Oric	on Diagnostic	a) operations

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Income statement

Formation of profits, EUR million	2015	2016	2017	2018	2019	1-9/2020	Change vs. 1-9/2019
Net sales	1,015.6	1,073.5	1,033.6	977.5	1,051.0		
Cost of goods sold	-405.8	-421.7	-417.6	-387.9	-417.6	822.7	+6.0%
Gross profit	609.8	651.8	616.0	589.6	633.4	<u>-311.4</u> 511.3	+2.2%
Other operating income and		001.0	0.0.0	567.0	000.1	511.5	+8.4%
expenses	1.5	24.3	4.9	5.5	2.2	4.1	+136.6%
Sales and marketing expenses	-190.4	-194.7	-188.9	-195.3	-215.7	-147.4	-4.8%
R&D expenses	-108.1	-118.2	-99.1	104.0	-119.3	-84.8	-2.0%
Administrative expenses	-46.2	-48.7	-48.8	-43.0	-47.8	-37.4	+8.8%
Operating profit	266.6	314.6	284.1	252.8	252.8	245.9	+24.3%
Profit before taxes	262.3	310.9	277.7	248.4	250.8	244.5	+24.7%
Profit for the period for continuing operations			219.1	197.3	200.4	194.4	+25.2%
Profit for the period for discontinued operations			7.0	132.9			
Profit for the period	208.2	249.0	226.0	330.3	200.4	194.4	+25.2%

The 2015-2016 figures in the table include both continuing and discontinued (Orion Diagnostica) operations.

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Royalties and milestones

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Development of Proprietary Products net sales





■ Simdax®

- **Easyhaler**®
- Dexdor®
- Precedex®

■ Stalevo®/Comtess® /Comtan®

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Financial position



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Development of capital expenditure

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Development of net working capital



- —Receivables
- Inventories
- -Short-term non-interest bearing liabilities
- Net Working Capital



- -Short-term non-interest bearing liabilities
- —Net Working Capital

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Dividend distribution policy and dividend history

• Orion's dividend distribution takes into account distributable funds and capital expenditure and other financial requirements in medium and long term to achieve the financial objectives.

1,75 110% 0.20 0.12 105% 1,50 0.06 100% 0.10 1,25 95% 90% 1,00 **85**% 50 0,75 80% 75% 0,50 95 8 50 70% 0,25 **65**% 0,00 60% ²0₁₀ ²0₁₇ ²0₁₇ ²0₁₇ ²0₁₇ ²0₁₇ ²0₁₇ 000 200 2078* ŝ 2079

EUR Dividend distribution history

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100th anniversary dividend
Repayment of capital per share
Dividend per share
Dividend payout ratio

*) Change in dividend payout ratio is due to higher EPS (EUR 2.35) which is explained by the divestment of Orion Diagnostica

Easyhaler® - diverse treatment options for asthma and COPD by utilising the same inhaler technology

- Easyhaler® is a dry-powder inhaler developed in-house
- Orion has developed Easyhaler®-adapted dry powder formulations of several well-known generic active substances:
 - salbutamol, beclometasone, budesonide, formoterol, salmeterol and fluticasone
- Key benefits:
 - Dosing accuracy and consistent deposition
 - Easy to teach, learn and use
 - A wide range of products





Orion calendar

Financial Statement Release for 2020 AGM planned to be held Interim Report 1-3/2021 Half-Year Financial Report Interim Report 1-9/2021

9/2/2021 25/3/2021 27/4/2021 19/7/2021 20/10/2021





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