



Capital Markets Day

7 December 2023



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This presentation includes only summary information and does not purport to be comprehensive. Forward-looking statements, targets and estimates contained herein are for illustrative purposes only and are based on management's current views and assumptions. Such statements involve known and unknown risks and uncertainties that may cause actual results, performance or events to differ materially from those anticipated in the summary information. Actual results may depart significantly from these targets given the occurrence of certain risks and uncertainties, notably given that a new medicine can appear to be promising at a preparatory stage of development or after clinical trials but never be launched on the market or be launched on the market but fail to sell notably for regulatory or competitive reasons. Ipsen must deal with or may have to deal with competition from generic medicines that may result in market-share losses, which could affect its level of growth in sales or profitability. The Company expressly disclaims any obligation or undertaking to update or revise any forward-looking statements, targets or estimates contained in this presentation to reflect any change in events, conditions, assumptions or circumstances on which any such statements are based, unless so required by applicable law.

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The implementation of the strategy has to be submitted to the relevant staff representation authorities in each country concerned, in compliance with the specific procedures, terms and conditions set forth by each national legislation.

In those countries in which public or private-health cover is provided, Ipsen is dependent on prices set for medicines, pricing and reimbursement-regime reforms and is vulnerable to the potential withdrawal of certain medicines from the list of reimbursable medicines by governments, and the relevant regulatory authorities in its locations.

Ipsen operates in certain geographical regions whose governmental finances, local currencies or inflation rates could erode the local competitiveness of Ipsen's medicines relative to competitors operating in local currency, and/or could be detrimental to Ipsen's margins in those regions where Ipsen's sales are billed in local currencies.

In a number of countries, Ipsen markets its medicines via distributors or agents; some of these partners' financial strengths could be impacted by changing economic or market conditions, potentially subjecting Ipsen to difficulties in recovering its receivables. Furthermore, in certain countries whose financial equilibrium is threatened by changing economic or market conditions, and where Ipsen sells its medicines directly to hospitals, Ipsen could be forced to lengthen its payment terms or could experience difficulties in recovering its receivables in full.

Ipsen also faces various risks and uncertainties inherent to its activities identified under the caption 'Risk Factors' in the Company's Universal Registration Document.

All of the above risks could affect Ipsen's future ability to achieve its financial targets, which were set assuming reasonable macroeconomic conditions based on the information available today.

Agenda



David Loew
CEO
Strategic outlook



Aymeric Le Chatelier
CFO
Strong financial
sustainability



Christelle Huguet
Head of R&D
R&D &
pipeline review



Q&A 1.30pm GMT



Break 2.00-2.15pm GMT



Bartek Bednarz
Head of Global Product
& Portfolio Strategy
Portfolio review:
Dysport, Somatuline,
Decapeptyl & Cabometyx



Stewart Campbell
President,
North America
Portfolio review:
Onivyde, Tazverik &
Sohonos



Mari Scheiffele
President, International
Portfolio review:
Bylvay & elafibranor



Q&A 3.00pm GMT



Drinks & canapés 3.30pm GMT



Strategic outlook

David Loew
Chief Executive Officer



Our vision

To be a leading global mid-sized biopharmaceutical company with a focus on transformative medicines



Oncology



Rare Disease



Neuroscience



Our Executive Team

Supporting Ipsen's transformation



David Loew
Chief Executive Officer



Catherine Abi-Habib
Head of Strategy,
Transformation & Digital



Christelle Huguet
Head of R&D



Aidan Murphy
Head of Technical
Operations



Bartek Bednarz
Head of Global Product
& Portfolio Strategy



Aymeric Le Chatelier
Chief Financial Officer



Mari Scheiffele
President, International



Stewart Campbell
President, North America



Philippe Lopes-Fernandes
Chief Business Officer



Sandra Silvestri
Chief Medical Officer



François Garnier
General Counsel & Chief
Business Ethics Officer



Régis Mulot
Chief Human Resources
Officer



Gwenan White
Head of Communications,
External Affairs &
Sustainability

 New to ELT since 2020

Our strategy



Focus. Together. For patients & society

Achievements since 2020

Bringing full potential of our innovative medicines to patients

- » Double-digit performances of growth platforms
- » Optimized value of Somatuline
- » Improved commercial & medical capabilities

Building a high-value, sustainable pipeline

- » Execution on key clinical trials & regulatory approvals
- » External innovation, with >20 new programs
- » R&D transformation & portfolio prioritization

Delivering efficiencies to enable investments & support growth

- » Efficiency initiatives on cost baseline & cash-flow generation
- » Expansion of manufacturing capacity
- » Simplification mindset & digital initiatives

Boosting a culture of collaboration, excellence & impact on society

- » 50% women in Global Leadership Team
- » Great Place to Work recognition in 25 countries
- » Climate-change agenda ~28%¹ CO₂ emission reduction & 90% renewable-electricity use

¹ Scope 1 & 2 CO₂ reduction from 2019 to 2022.




Our growth journey

Next phase of transformation built on solid foundations


2020-2023

Setting foundations

- » New strategy
 - » Focus on **Specialty Care**
- 

2024-2027

Dynamic growth

- » Several launches
 - » Further **pipeline expansion**
- 

2028+

Lasting momentum

- » **Balanced & diversified portfolio** across three therapy areas
 - » **Sustained growth**, supported by pipeline & external innovation
- 



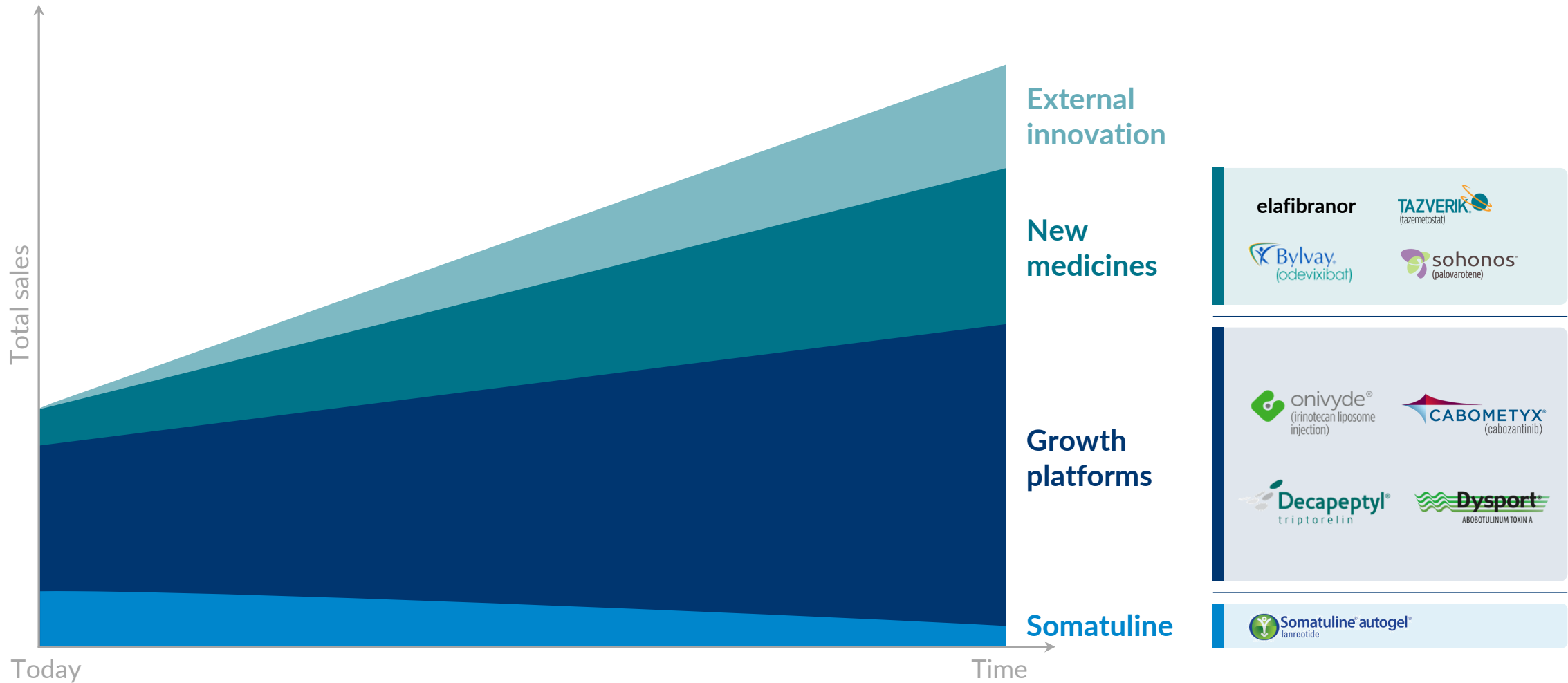
Bringing full potential of our innovative medicines to patients

Steve
Living with kidney cancer
Crewe, U.K.

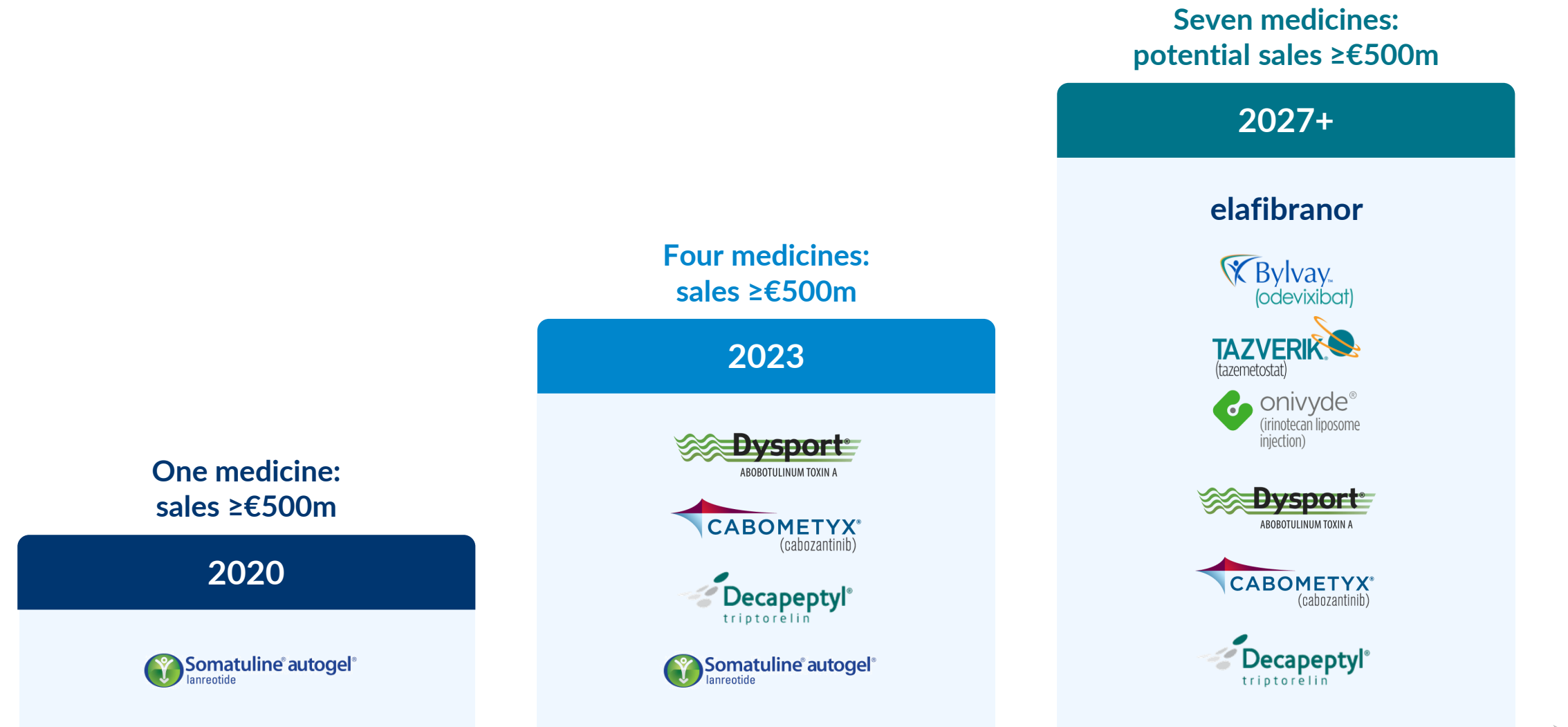


A strong platform for growth

Growth platforms & new medicines continue to drive momentum






Increasingly diversified portfolio



2023 sales based on latest available consensus forecasts.

Launching four new medicines or new indications in near term

Building Rare Disease franchise & strengthening Oncology

Medicine	Indication	Market	Expected regulatory-decision date
 onivyde [®] (irinotecan liposome injection)	1L mPDAC	U.S. only	FDA: Q1 2024
 Bylvay [®] (odevixibat)	ALGS	Global ¹	U.S. launch underway EMA: 2024
elafibranor	2L PBC	Global ²	FDA & EMA: H2 2024
 sohonos [™] (palovarotene)	FOP	U.S. & selected RoW	U.S. launch underway

1L: first line; mPDAC: metastatic pancreatic ductal adenocarcinoma; ALGS: Alagille syndrome; 2L: second line; PBC: primary biliary cholangitis; FOP: fibrodysplasia ossificans progressiva; RoW: Rest of World; FDA: U.S. Food & Drug Administration; EMA: European Medicines Agency.

¹ Excludes Japan. ² Excludes China, Taiwan, Hong Kong & Macau.

More balanced split of sales by three therapy areas

» Oncology



» Growth driven by Onivyde 1L mPDAC & Cabometyx

Future growth: +

» Rare Disease



» Multiple launches: Bylvay, elafibranor & Sohonos

Future growth: + + +

» Neuroscience



» Sustained growth of Dysport in Tx & Ax

Future growth: + +

Global leader with growth across all regions



» North America

33%

of total sales¹

Leveraging platform through multiple launches

Future growth: 

» Europe

40%

of total sales¹

Sustained growth driven by Dysport & Cabometyx

Future growth: 

» Rest of World

27%

of total sales¹

Multiple opportunities in Asia-Pacific & Latin America

Future growth: 

¹ Based on September year-to-date 2023 total sales.

Europe is defined in this presentation as the E.U., the U.K., Iceland, Liechtenstein, Norway and Switzerland.

Strong U.S. growth driven by multiple potential launches



- Significant opportunities**
- » **Growing footprint in Oncology**
 - Onivyde 1L mPDAC
 - Tazverik

 - » **Becoming established in Rare Disease**
 - Building **franchise in rare liver**: elafibranor in 2L PBC, Bylvay in PFIC & ALGS
 - Launching **first treatment in FOP**

 - » **Growing Dysport Tx in Neuroscience**

 - » **Driving operating leverage**

1L: first line; **mPDAC:** metastatic pancreatic ductal adenocarcinoma; **2L:** second line; **PBC:** primary biliary cholangitis; **PFIC:** progressive familial intrahepatic cholestasis; **ALGS:** Alagille syndrome; **FOP:** fibrodysplasia ossificans progressiva; **Tx:** therapeutics.
Prior performance at actual rates.



Building a high-value, sustainable pipeline



Fuelling high-value, sustainable pipeline

Early development

IPN01194
IPN01195
QUB
Marengo
Epigenetics
IRICoR
Albireo bile acid modulators
Medetia

Phase I

IPN60210 R/R multiple myeloma & R/R DLBCL
IPN60260 Viral cholestatic disease

Phase II

TAZVERIK (+ hormonotherapy) mCRPC
FIDRISERTIB FOP
ELAFIBRANOR PSC
IPN60250 PSC
IPN10200 Longer-acting neurotoxin Ax
IPN10200 Longer-acting neurotoxin Tx

Phase III

CABOMETYX + ATEZOLIZUMAB 2L mCRPC
TAZVERIK + R ² 2L FL
ELAFIBRANOR 2L PBC
BYLVAY Biliary atresia
Dysport Chronic & episodic migraine

Registration

ONIVYDE + 5-FU/LV + OXALIPLATIN 1L mPDAC
ODEVIXIBAT ¹ Alagille syndrome

■ Oncology
■ Rare Disease
■ Neuroscience

Information shown as at end of November 2023

R/R: relapsed/refractory; DLBCL: diffuse large B-cell lymphoma; mCRPC: metastatic castration-resistant prostate cancer; FOP: fibrodysplasia ossificans progressiva; PSC: primary sclerosing cholangitis; Ax: aesthetics; Tx: therapeutics; R²: lenalidomide + rituximab; 2L: second line; FL: follicular lymphoma; PBC: primary biliary cholangitis; 1L: first line; mPDAC: metastatic pancreatic ductal adenocarcinoma. ¹ E.U.

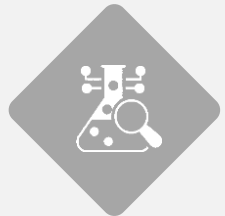
Continued pipeline execution



Achieve up to **three potential regulatory approvals** by 2024



Complete up to **five pivotal trials** by 2026



Advance **LANT trials**



Expansion of **early-stage programs**

Clear strategy to continue external innovation



Oncology

- » **Solid tumors & hematology**
 - niche tumors
 - biomarker segments

- » **Smaller patient segments** attractive for mid-sized companies



Rare Disease

- » **High unmet needs** in underserved rare diseases

- » **Drive liver & bone franchises;** expand to new disease areas

- » Good fit for **clinical development & go-to-market model**



Neuroscience

- » **Rare neurological disorders**

- » **Expand beyond neurotoxins in non-rare** to adjacent areas

- » **Strong innovation & scientific advances**

- » **€300-800m peak sales**
- » **Balance early & late-stage assets**
- » **Preference for global assets**



Delivering efficiencies
to enable investments
& growth



Efficiencies to fuel growth



Strong budget discipline

- » Target investments to support launches & pipeline
- » Generate efficiencies from new-asset integration
- » Gain economies of scale with sustained growth



Bring medicines to patients faster

- » Accelerate submission process
- » Deliver faster & expanded launch sequence
- » Increase level of automation in regulatory & R&D operations



Leverage power of digital, data & analytics

- » Support R&D & go-to-market execution
- » Boost data collection through digital medical records
- » Improve decision-making powered by big data & AI

AI: artificial intelligence.



Boosting a culture of
collaboration, excellence
& impact on society



Driving a culture of impact throughout organization



Making culture a strategic enabler

- » Leveraging a **very high level of engagement** to create true impact
- » Delivering competitive **employee value proposition** driven by size, purpose & agility



People-centric leadership

- » **Global HQs designed** to foster collaboration
- » **Diversity as an enabler** for great decisions

Relentless focus to put patients at center

Generation Ipsen: for positive change

Environment

Caring for the planet

» 50% reduction in absolute Scope 1 & 2 emissions, along with Scope 3 reduction by 2030¹

» Net zero by 2045

Patients

At the heart of everything we do

» Reducing time from FDA/EMA to other regulatory submissions

» Tiered-pricing framework for launches

People

Making a real impact, every day

» 50% women in Global Leadership Team

» Equitable gender pay across all markets by 2026

Governance

Acting with integrity & transparency

» Senior-leadership compensation linked to achievement of bolder ESG targets

» ISO 37001 certification for anti-corruption management systems



Our mid-term priorities



Continue pipeline delivery,
supported by **external innovation**



Maximize value of **medicines**
with **four successful launches**



Deliver on **sustainability roadmap**





Strong financial sustainability

Aymeric Le Chatelier
Chief Financial Officer



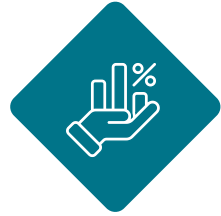
Solid 2023 financials



Total sales¹

» **>6.0%**
at constant
exchange rates

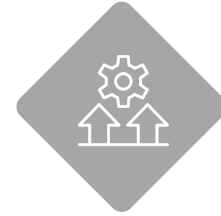
- **Growth platforms:** double-digit growth
- Contribution from **new medicines**
- Somatuline: **gradual erosion**



Core operating margin¹

» **>30%**
of total sales

- R&D & SG&A investment from **recent acquisitions**
- Positive impact from **Onivyde milestones & currencies**
- Solid **base-business** profitability



Firepower² for external innovation

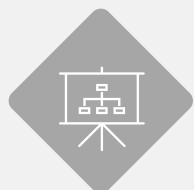
» **~€1.7bn**
at end of June 2023

- Based on net debt¹ at **2.0x EBITDA**
- Strong **free cash-flow** generation
- **Limited net-debt** position



On track to deliver 2020 Capital Markets Day targets

Outlook 2020-2024 CMD December 2020



Total-sales CAGR 2020-24
between **+2% & +5%**¹



Commitment to invest in R&D,
supported by SG&A efficiencies



€3bn cumulative firepower for
pipeline expansion by 2024⁴

Performance to date CMD December 2023

» Total-sales CAGR 2020-23 **>8%**²

» **SG&A expenses ratio: -4 %pts** to 36% in 2023³

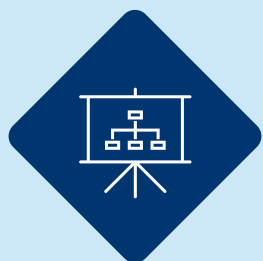
» **R&D expenses ratio: +4 %pts** to 19% in 2023³

» Cumulative firepower of **€3.5bn**⁵ by June 2023

¹ At constant exchange rates & scope and assumed potential additional indications. ² Based on FY 2023 guidance, excluding new medicines (Tazverik & Bylvay) & adjusted for divestment of Consumer HealthCare & at constant exchange rates. ³ Based on H1 2023 financials & compared to FY 2019. ⁴ Based on net debt at 2.0x EBITDA and excluding sale of any assets. ⁵ Excluding transactions completed for €1.8bn during the period 2020-2023 & including contingent liabilities.

2027 mid-term outlook

Excluding potential additional late-stage¹ external-innovation opportunities



TOTAL-SALES:
CAGR 2023-2027

$\geq +7\%$

at constant exchange rates

» Launches of new medicines & additional indications

» Growth platforms

» Somatuline erosion



CORE OPERATING
MARGIN 2027

$\geq 32\%$

of total sales

» Limited decline in gross-margin

» Improved SG&A expenses-to-sales ratio

» Sustained R&D expenses-to-sales ratio

CAGR: compound annual growth rate.
¹ Phase III clinical development or later.

Multiple growth opportunities by medicine

		Global peak sales / direction
 Oncology	 <small>(cabozantinib)</small>	Peak sales >€700m ¹
	 <small>(irinotecan liposome injection)</small>	Peak sales >€500m ²
	 <small>(tazemetostat)</small>	Peak sales >€500m ³
	 <small>triptorelin</small>	Mid-single digit growth ⁴
 Rare Disease	 <small>(odevixibat)</small>	Peak sales >€700m ⁵
	Elafibranor	Peak sales >€500m ⁶
	 <small>(palovarotene)</small>	Peak sales >€100m
 Neuroscience	 <small>ABOBOTULINUM TOXIN A</small>	High-single digit growth ⁴

¹ Excluding additional potential indications. ² Assumes approval in potential first-line metastatic pancreatic ductal adenocarcinoma indication.

³ Assumes approval in potential second-line follicular-lymphoma indication. ⁴ Estimated sales CAGR 2023-2027.

⁵ Assumes approval in potential biliary-atresia indication. ⁶ Based only on the potential primary biliary cholangitis indication.

Global peak sales on a non-risk-adjusted basis.

Drivers of 2027 core operating margin



Gross margin
≥85%

» Manufacturing gains to **lower unit costs**

» **Unfavorable** sales mix

» **Other-revenue growth:** Dysport & Onivyde partners

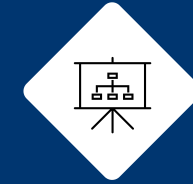


R&D
≥20%

» Investment to support **internal & external innovation pipeline**

» Optimization of **footprint & organization**

» **Synergies & prioritization** from recent acquisitions & partnership



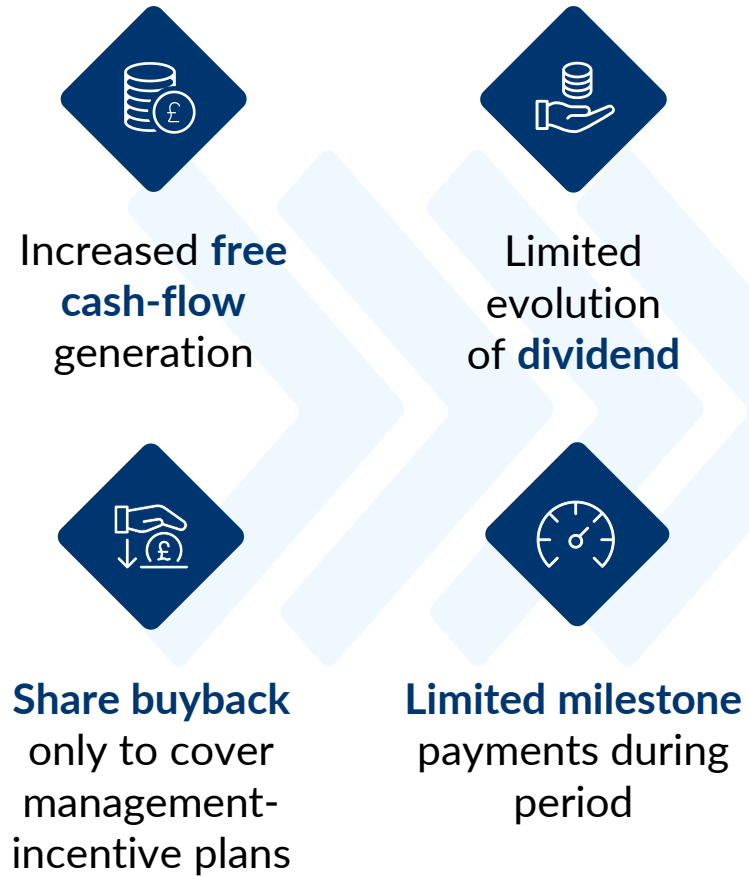
SG&A
≤35%

» Leverage **commercial infrastructure & targeted investment** for launches

» **Synergies from recent acquisitions**

» **Continued efficiencies**

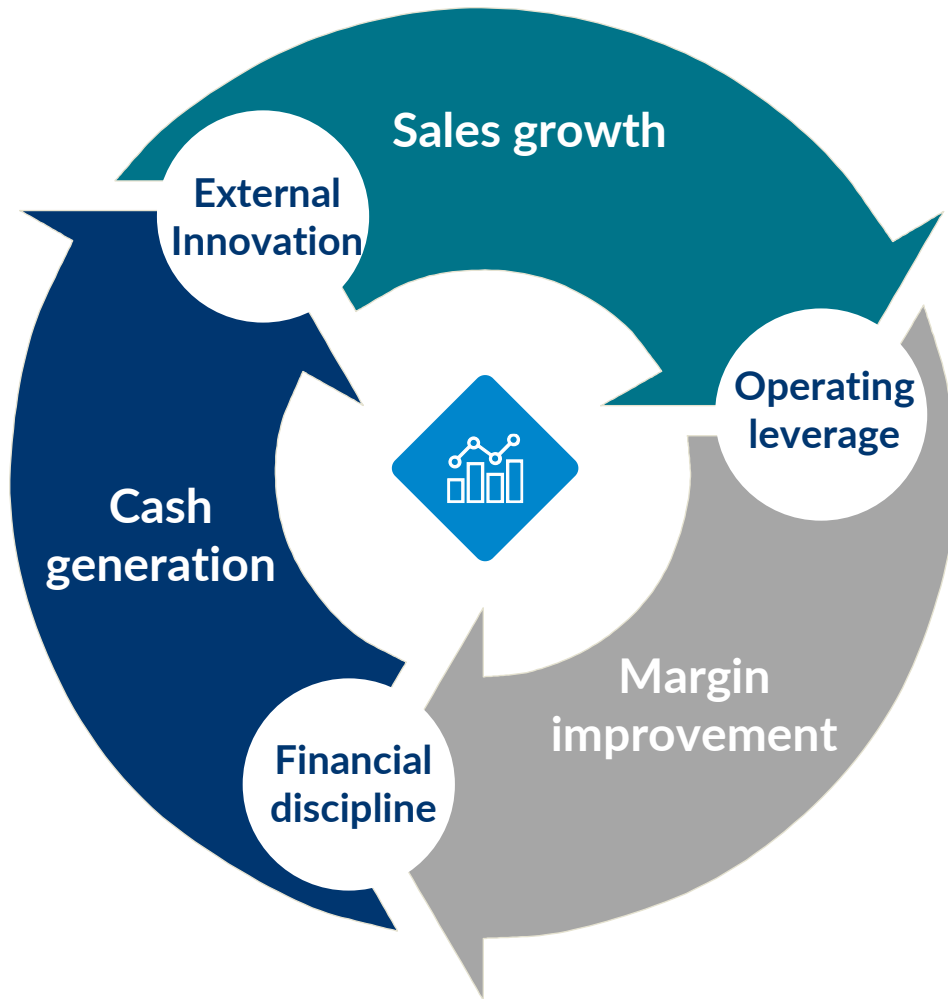
Capital-allocation framework




Priority for capital allocation
External Innovation

- Cumulative **firepower of up to €5bn by 2027**, based on net debt¹ at 2.0x EBITDA
- **Multiple transactions from licensing & acquisitions**
- **Financial discipline** based on value-creation criteria & deal structuring

Long-term growth & value creation



- » Strong sales growth
- » Operating leverage & solid cash-flow conversion
- » Investment for external innovation
- » Long-term delivery to drive **significant value creation** for shareholders



R&D and pipeline review

Christelle Huguet
Head of R&D



A compelling & focused R&D platform



Uniting expertise to bring new treatment options to patients around world



>700

colleagues
dedicated to R&D



4

R&D hubs
across U.S., France,
U.K. & China



Accelerating innovation &
excellence in execution



Truly global-trial designs, based
on patient insights



End-to-end: **molecule to patient**



Strong CRO partner network:
**rapid scale-up & local-geography
insights**

Accelerating innovation through partnerships

Striving for best- or first-in-class programs

➤ **Right science**

➤ **Right potential**

What the partner brings



**Early
discovery**



**Strong target
biology**



**Clinical
candidate**

What Ipsen brings

**Evaluation & identification
of scientific potential**

**Excellence in global clinical
& regulatory execution**

**In-house end-to-end
pharmaceutical development
& manufacturing**

Bringing new acquisitions, licenses & partnerships into our portfolio

Great partnerships create great possibilities



Delivering our R&D strategy



 **Strong expansion with >20 new programs¹**

- » Integration with continued program execution of **two acquisitions in nine months**
- » Strengthened **expertise & focus** in Rare Disease
- » **Expansion** of Oncology portfolio



 **Executing on pipeline**

- » Continued delivery of **portfolio milestones**
- » **Advancing early development programs**

Fuelling a high-value, sustainable pipeline

Early development

IPN01194

IPN01195

QUB

Marengo

IRICoR

Epigenetics

Medetia

Bile acid modulators

Phase I

IPN60210
R/R multiple myeloma
& R/R DLBCL

IPN60260
Viral cholestatic disease

Phase II

TAZVERIK
(+ hormonotherapy)
mCRPC

FIDRISERTIB
FOP

ELAFIBRANOR
PSC

IPN60250
PSC

IPN10200
Longer-acting neurotoxin
Ax

IPN10200
Longer-acting neurotoxin
Tx

Phase III

CABOMETYX +
ATEZOLIZUMAB
2L mCRPC

TAZVERIK + R²
2L FL

ELAFIBRANOR
2L PBC

BYLVAY
Biliary atresia

Dysport
Chronic & episodic
migraine

Registration

ONIVYDE + 5-FU/LV +
OXALIPLATIN
1L mPDAC

ODEVIXIBAT¹
Alagille syndrome

- Oncology
- Rare Disease
- Neuroscience

Information shown as at
end of November 2023

Onivyde: topoisomerase inhibitor investigated in 1L mPDAC



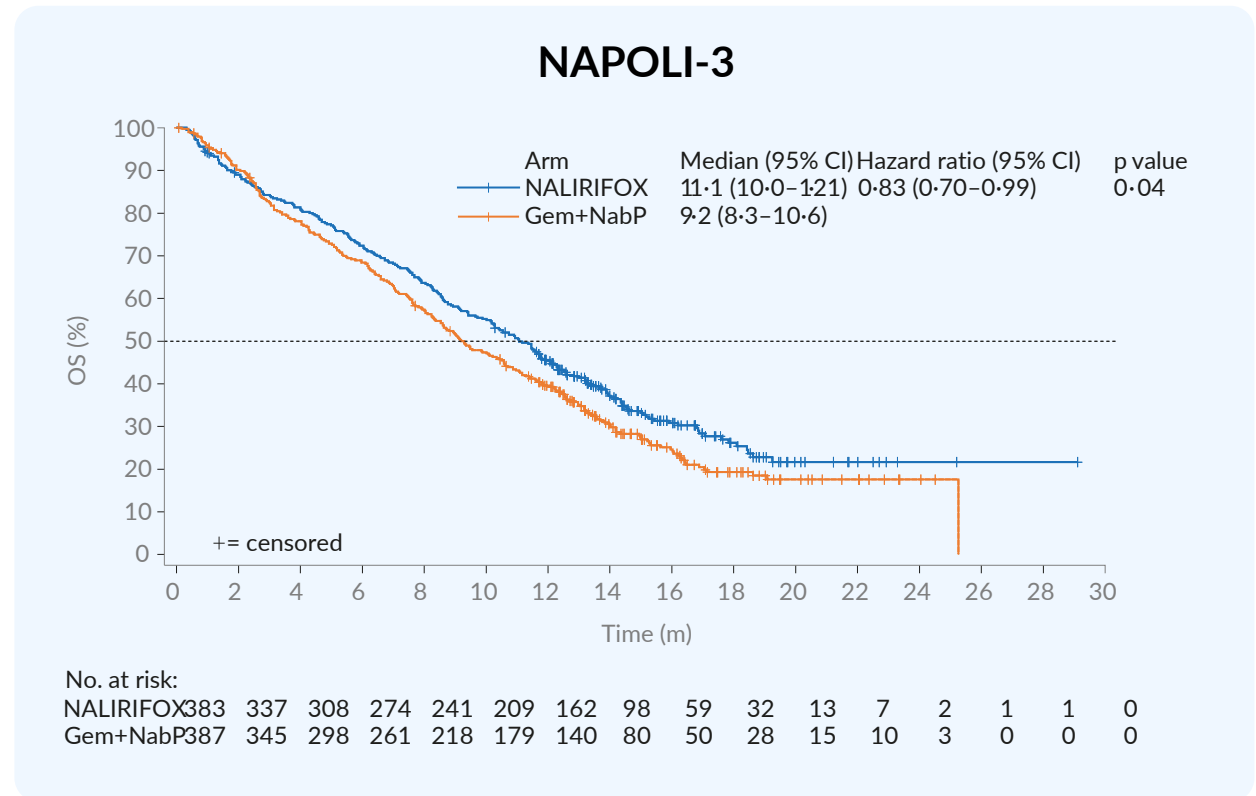
NAPOLI-3: Phase III open-label, randomized global, multi-center trial (n=770)

» First positive Phase III trial in >10 years, published in *The Lancet*, September 2023¹

» Improved OS (median 11.1 months) & PFS (7.4 months)

» Lower-dose regimen delivered efficacy with manageable tolerability

» PDUFA: 13 February 2024



1L: first line; mPDAC: metastatic pancreatic ductal adenocarcinoma; OS: overall survival; PFS: progression-free survival; PDUFA: Prescription Drug User Fee Act; Gem+Nab: gemcitabine plus nab-paclitaxel. ¹ Wainberg *et al.* NALIRIFOX versus nab-paclitaxel and gemcitabine in treatment-naïve patients with metastatic pancreatic ductal adenocarcinoma (NAPOLI-3): a randomised, open-label, phase 3 trial. *Lancet*. 2023 Oct 7;402(10409):1272-1281.

Cabometyx: TKI investigated in mCRPC – patients previously treated with NHT



CONTACT-02: Phase III open-label, randomized, global, multi-center trial (n=575)



Primary endpoints of PFS & OS

- PFS met
- OS trend towards improvement: at interim analysis



Safety profile consistent
with known profiles of each medicine



Trial ongoing:
anticipate additional OS data



CONTACT-02
estimated to be completed in
H2 2024¹

TKI: tyrosine kinase inhibitor; **mCRPC:** metastatic castration-resistant prostate cancer;
NHT: novel hormone therapy; **PFS:** progression-free survival; **OS:** overall survival.

¹ As per latest available update on clinicaltrials.gov. CONTACT-02 is sponsored by Exelixis and co-funded by Ipsen.
NCT04446117.

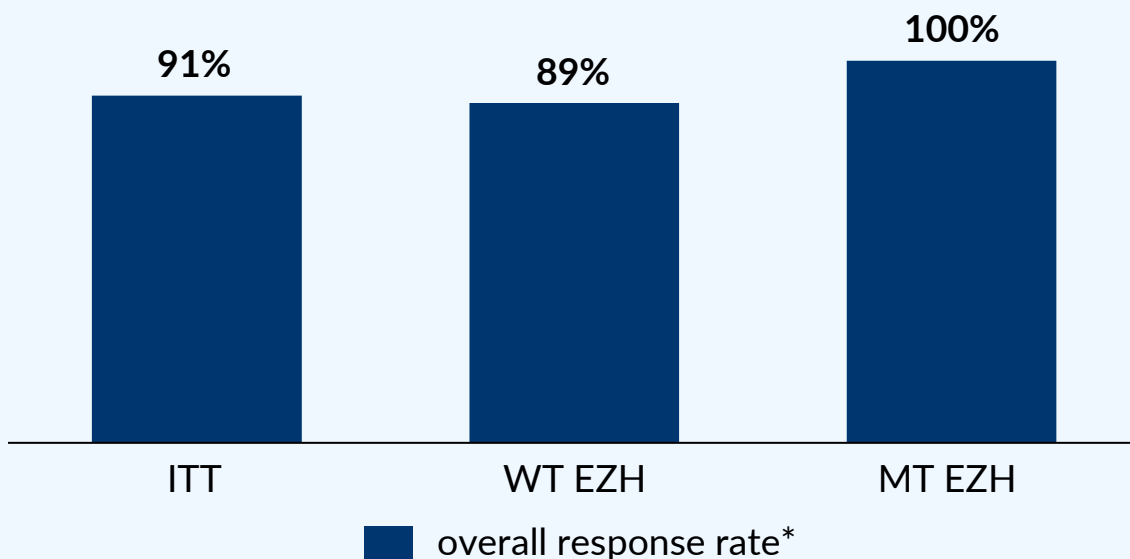
Tazverik: selective EZH2 inhibitor investigated in R/R FL patients

Accelerated Approval in June 2020 in U.S.



SYMPHONY-1: Phase Ib/III global, double-blind, randomized, active-controlled trial (n=540)

Phase Ib 18-months data-cut median PFS – 79.5%¹



*Phase Ib trial of tazemetostat in combination with R²

» **ASH 2023: 22.5-month median follow-up**
oral-poster presentation

» **High tolerability & low toxicity profile:**
potential advantages in combination
regimen

» **Actively recruiting:** early data readout in
2026²

R/R: relapsed/refractory; FL: follicular lymphoma; PFS: progression-free survival; ITT: intention to treat; WT: wild type; MT: mutant;
R²: lenalidomide + rituximab; ASH: 65th American Society of Hematology Annual Meeting and Exposition.

¹ <https://ash.confex.com/ash/2023/webprogram/Paper179910.html> NCT04224493.

² Pending regulatory agreement.

Bylvay (odevixibat): potent, non-systemic iBAT inhibitor

Potential in three rare liver indications

» PFIC indication approved in U.S. & E.U. in 2021



PEDFIC 1 +2: Phase III, placebo-controlled, global, multi-center trial (n=62) + OLE

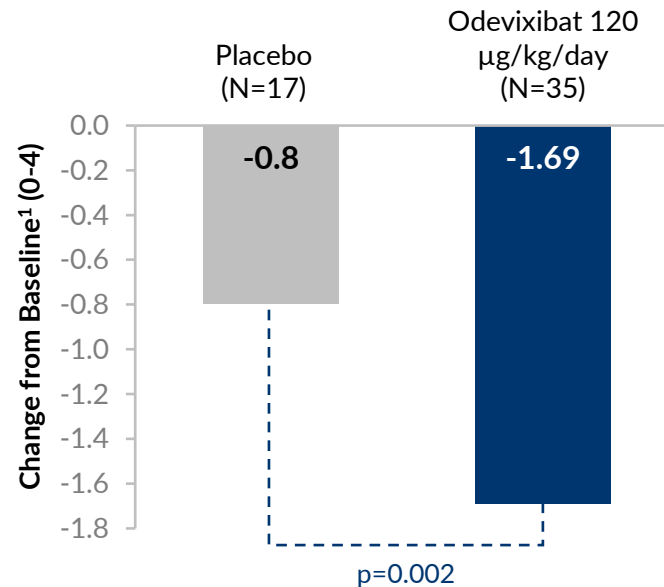
» Alagille syndrome

- Approved in U.S. in June 2023
- Positive CHMP opinion
- Regulatory resubmission in E.U. as second brand

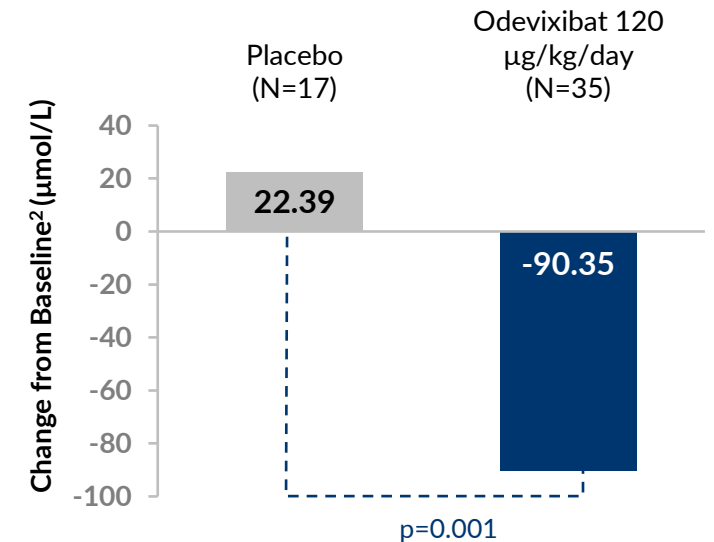


ASSERT: Phase III double-blind, randomized, placebo-controlled, global, multi-center trial (n=52)

Primary endpoint:
pruritus



Key secondary endpoint:
serum bile acids

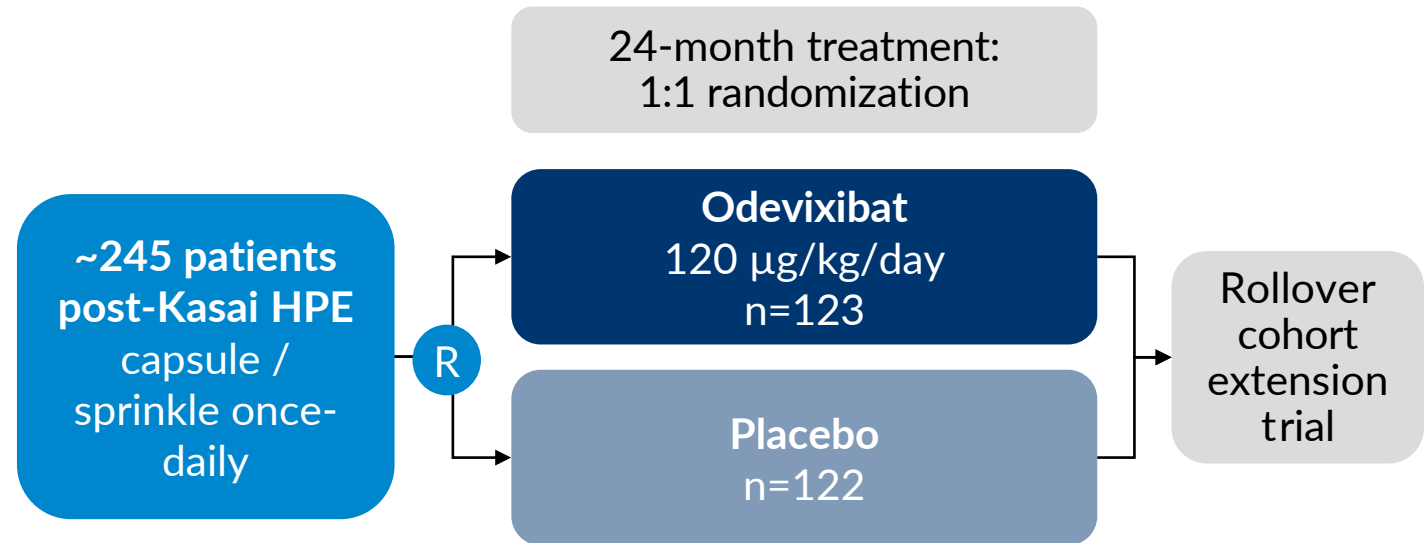


Bylvay (odevixibat): evaluation in biliary atresia



BOLD: Phase III double-blind, randomized, placebo-controlled, global, multi-center trial (n=245)

- » **Phase III clinical-endpoint trial** ongoing
 - primary endpoint: time from randomization to first event (liver transplant or death)
- » **Protocol amendment** to increase number of patients
- » **Data readout** expected 2026



Elafibranor: oral, dual PPAR- α/δ agonist investigated in patients with PBC with inadequate response or intolerance to UDCA

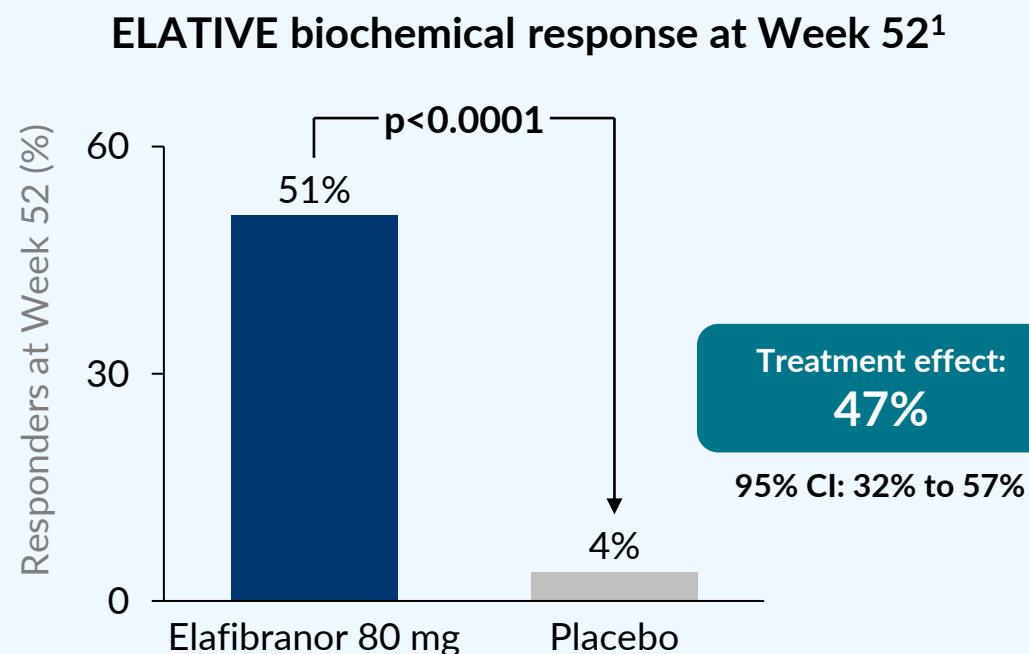


ELATIVE: Phase III double-blind, randomized, placebo-controlled trial (n=162)

» Data presented at AASLD, 2023 - simultaneous publication in *The New England Journal of Medicine*

» Regulatory submissions by end of 2023

» Primary endpoint achieved: proportion of patients with biochemical response at Week 52¹



PPAR: peroxisome proliferator-activated receptor; PBC: primary biliary cholangitis; UDCA: ursodeoxycholic acid; AASLD: American Association for the Study of Liver Diseases; CI: confidence interval; ALP: alkaline phosphatase; ULN: upper limit normal. ¹ Defined as ALP <math>< 1.67 \times \text{ULN}</math>, with a reduction of $\geq 15\%$ from baseline and total bilirubin $\leq \text{ULN}$. P value was calculated using the Cochran-Mantel-Haenszel test stratified by the randomization factors. Non-response was imputed if patients discontinued treatment or used rescue therapy prior to Week 52, otherwise missing response was imputed using the closest non-missing assessment. Kowdley KV, Bowlus CL, Levy C, et al. Efficacy and Safety of Elafibranor in Primary Biliary Cholangitis. *NEJM* 2023; 10.1056/NEJMoa2306185. NCT04526665.

Elafibranor: ELATIVE secondary endpoints

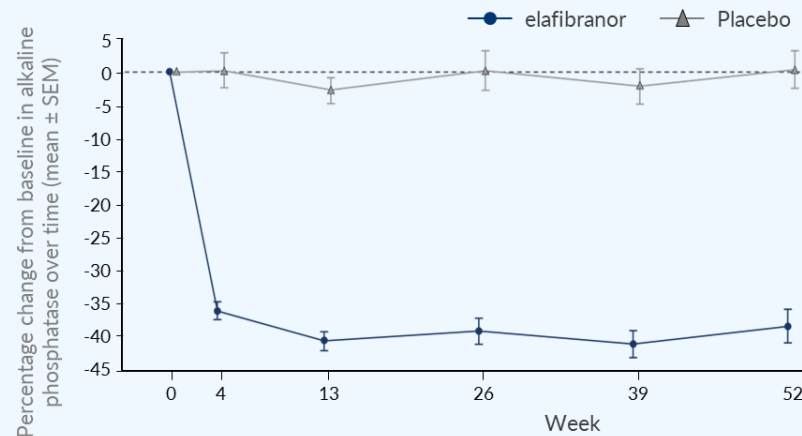


ELATIVE: Phase III double-blind, randomized, placebo-controlled trial (n=161)

Only patients treated with elafibranor achieved ALP normalization

- Baseline mean ALP 321 U/liter & 323 U/liter: treated & placebo
- Cut-off: 104 U/liter

ALP reduction rapid and sustained at Week 52



Elafibranor may improve moderate-to-severe pruritus in patients with PBC

- Trend for improvement in WI-NRS

15% elafibranor-treated achieved normalization

Treatment difference:
-41%
p<0.0001

Significant reduction in PBC-40 Itch score & 5-D Itch score

ALP: alkaline phosphatase; WI-NRS: Worst Itch - Numeric Rating Scale. ITT population.

P value is nominal. Data observed ≥one day after patients discontinued treatment or used rescue therapy have been considered as missing data. The analysis of percentage change from baseline at Week 52 used a non-parametric randomization-based analysis of covariance method adjusting for baseline patient values.

ALP cut-off 104 U/liter: female only. NCT04526665.

Building on Ipsen's expertise in rare liver disease

PSC: rare progressive liver disorder characterised by inflammation of the bile ducts, leading to cholestasis, fibrosis & liver failure¹



Elafibranor

- » **Phase IIb** double-blind, randomized, placebo-controlled, multi-center trial with open-label extension **evaluating safety and efficacy of elafibranor in PSC (n=60)**
- » Activation of PPAR- α and - δ receptors result in **decreased bile acid toxicity, inflammation and reduction of fibrogenic processes**



IPN60250

- » **Phase IIa** open-label, multi-center trial evaluating **safety, tolerability, pharmacokinetics, and pharmacodynamics in PSC (n=12)**
- » **Systemically available ASBT inhibitor** targeting intestine, kidney & bile ducts

Fidrisertib: highly potent, selective inhibitor of kinase domain of mutated form of ALK2-receptor in FOP

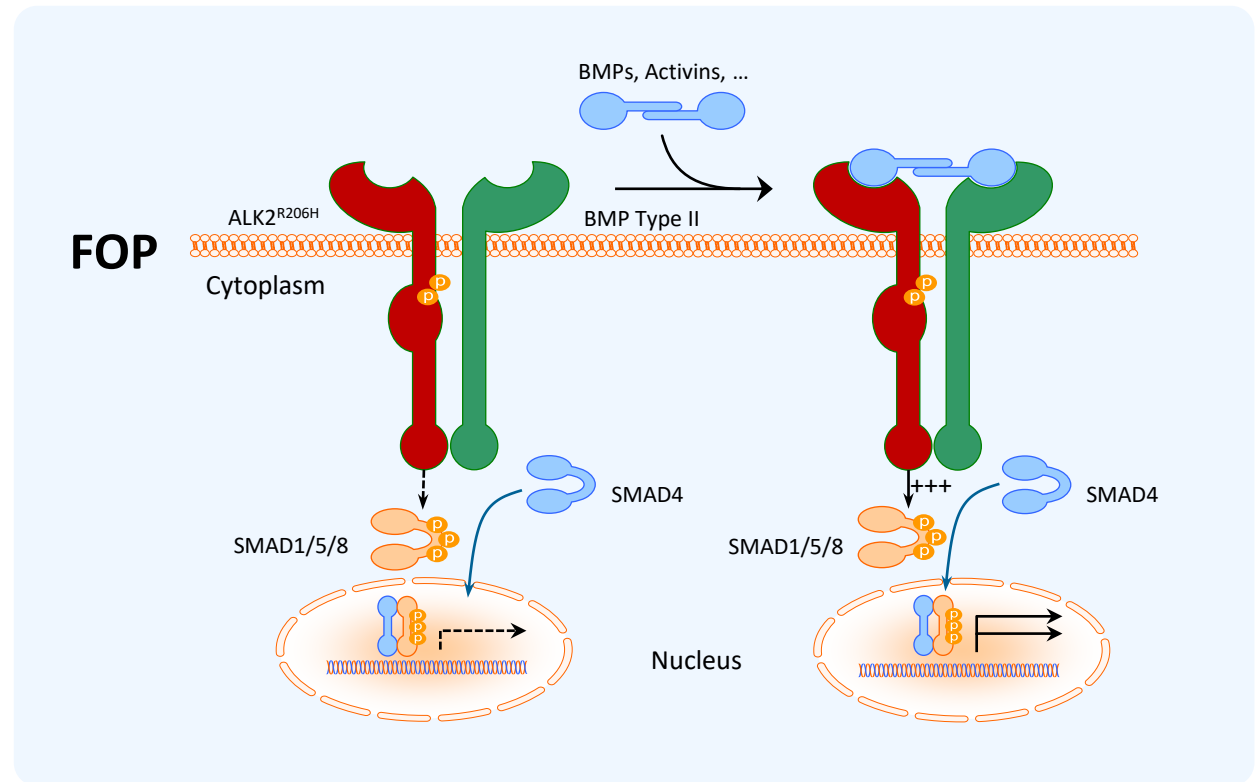


FALKON: randomized, placebo-controlled, global, multi-center, pivotal trial (n=98)

» Differentiated mechanism to Sohonos

» Enrolling FOP patients from five years old

» Data readout expected in 2025



FOP: fibrodysplasia ossificans progressiva.

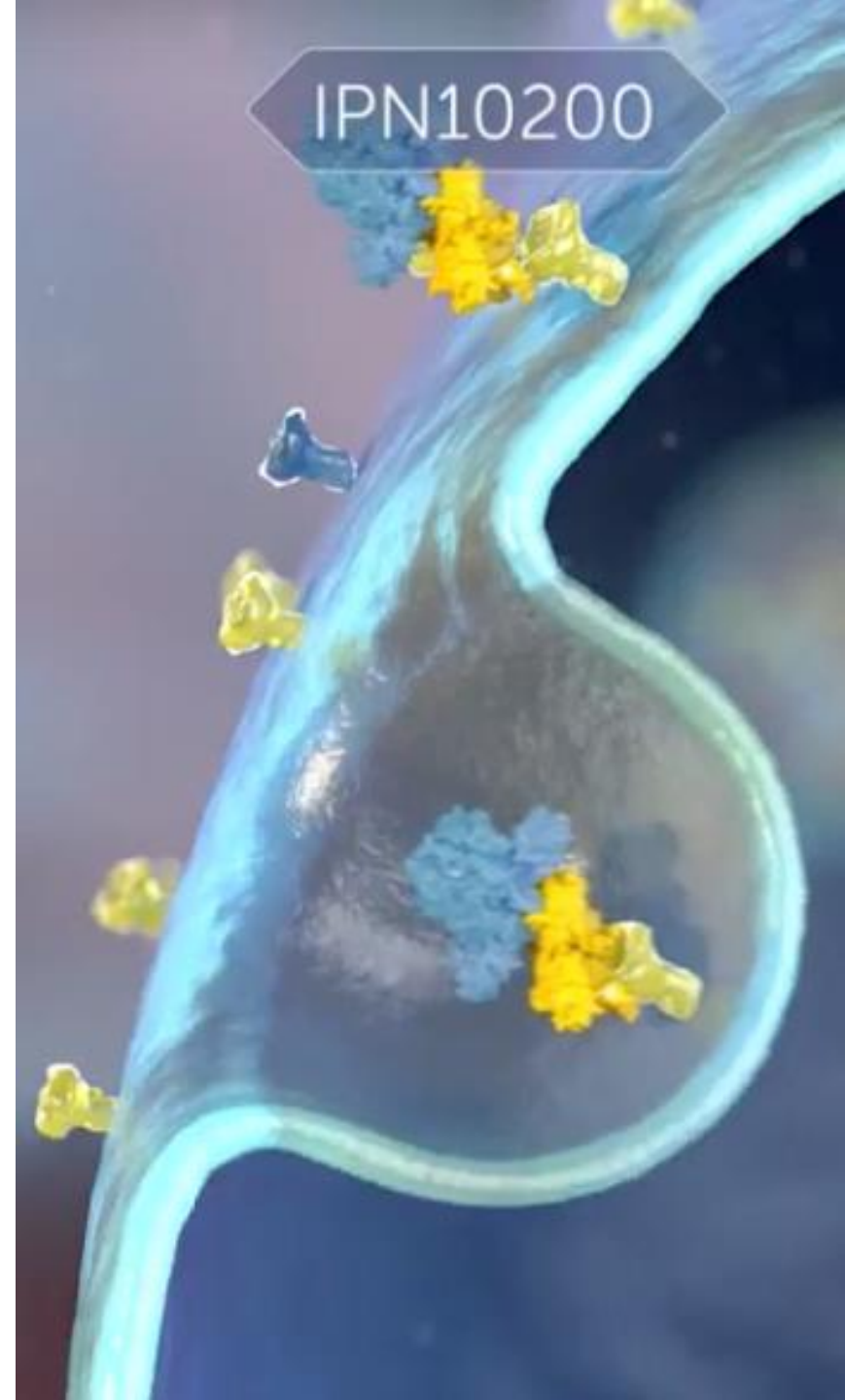
Kaplan FS, et al. The medical management of fibrodysplasia ossificans progressiva: current treatment considerations. Proc Intl Clin Council FOP 1:1-111, 2019. 2 Liljeström M, Pignolo RJ, Kaplan FS. Epidemiology of the Global Fibrodysplasia Ossificans Progressiva (FOP) Community. J Rare Dis Res Treat. (2020) 5(2): 31-36. NCT05039515.

LANT: therapeutic & aesthetic evaluation



LANTIMA (n=209) & LANTIC (n=191):
Phase II ongoing global, double-blind, multi-center trials

- » Evaluating **safety & efficacy**
 - LANTIMA: adult upper-limb spasticity
 - LANTIC: severe upper-facial lines
- » Dose **escalation & dose-finding** trial
- » Recombinant toxin, engineered to deliver increased **receptor affinity & internalization**
- » Could **minimize risk of toxin spreading to surrounding tissues**, leading to **enhanced tolerability**
- » **Therapeutic-efficacy benefits:** designed to deliver longer duration of action & prolonged symptom relief



Near to mid-term outlook



Key milestones

Medicine	2024	2025	2026
Onivyde	▲ 1L mPDAC, FDA		
Elafibranor	▲ 2L PBC, FDA		
Odevixibat	▲ ALGS, E.U.		
Cabometyx	▲ mCRPC, Phase III		
Fidrisertib		▲ FOP, Phase II	
Bylvay			▲ BA, Phase III
Dysport			▲ Migraine, Phase III
Tazverik			▲ 2L FL, Phase III ¹

1L: first line; mPDAC: metastatic pancreatic ductal adenocarcinoma; FDA: U.S. Food & Drug Administration; 2L: second line; PBC: primary biliary cholangitis; ALGS: Alagille syndrome; mCRPC: metastatic castration-resistant prostate cancer; FOP: fibrodysplasia ossificans progressiva; BA: biliary atresia; FL: follicular lymphoma.

¹ Early data readout anticipated, pending regulatory agreement. Disclaimer: trials are event-driven & timings can change.



Focus on continued expansion & excellence in execution



External innovation

Building a **diverse & sustainable pipeline** across three therapy areas



Executing on pipeline

Focusing on **high-value programs** delivering better outcomes for patients





Capital Markets Day

Questions

7 December 2023

John

Living with prostate cancer
Lincolnshire, U.K.



Capital Markets Day

7 December 2023





Portfolio review

Dysport, Somatuline,
Decapeptyl & Cabometyx

Bartek Bednarz

Head of Global Product & Portfolio Strategy



Growing across Oncology, Rare Disease & Neuroscience



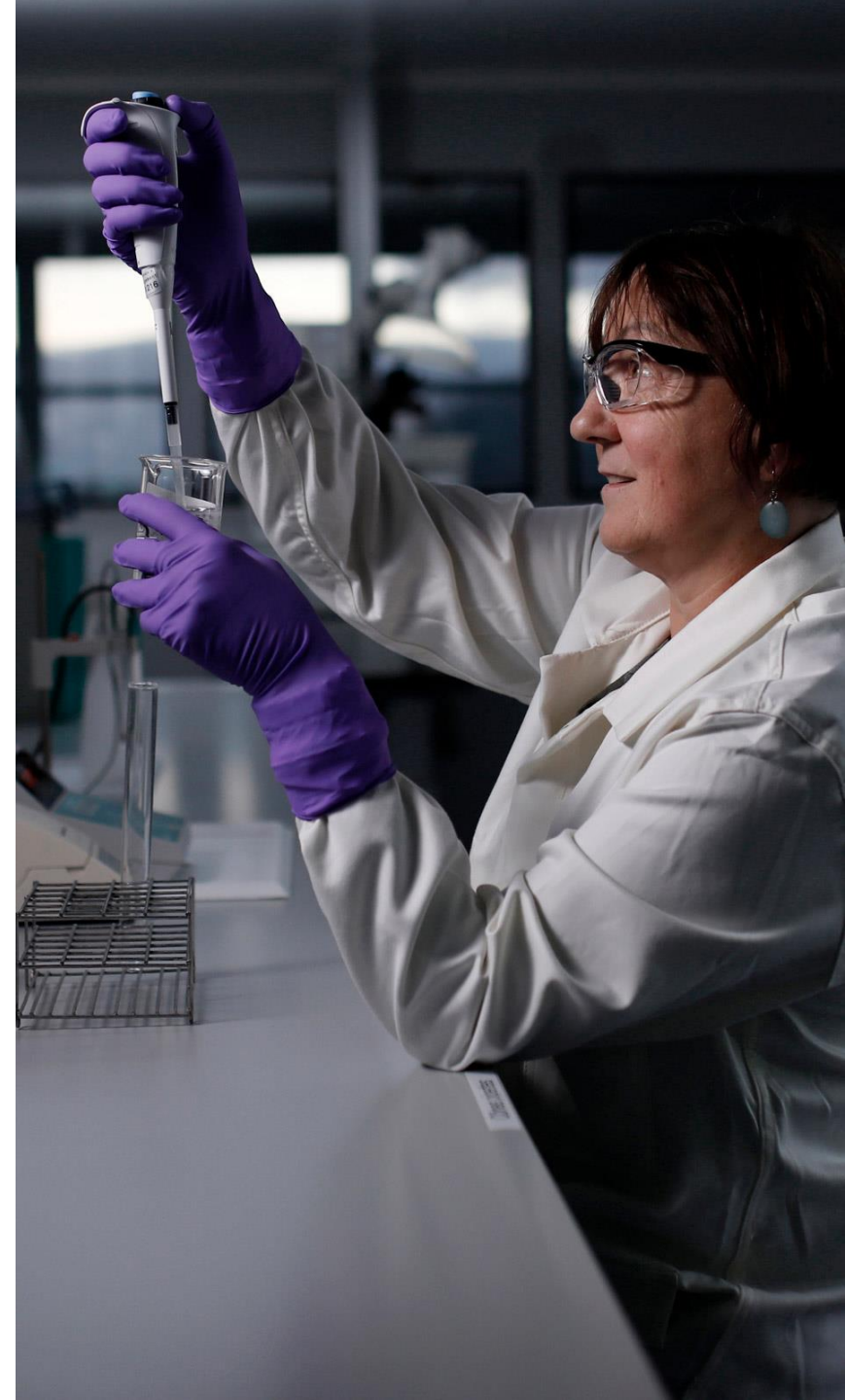
Commercial priorities

- » **Driving** launches
- » **Capturing** full potential of growth platforms
- » **Optimizing** value of Somatuline



Strong commercial, medical & access capabilities

- » **Global platform**
- » **First or second position** in disease areas where we operate



Addressing multiple indications across three therapy areas

Oncology

Solid tumors

- Pancreatic cancer: **onivyde®** (irinotecan liposome injection)
- Renal cell carcinoma: **CABOMETYX®** (cabozantinib)
- Hepatocellular carcinoma: **CABOMETYX®** (cabozantinib)
- Prostate cancer: **Decapeptyl®** (triptorelin)
- Neuroendocrine tumors: **Somatuline® autogel®** (lanreotide)

Hematology

- Follicular lymphoma: **TAZVERIK®** (tazemetostat)

Rare Disease

Liver

- PFIC: **Bylvay®** (odevixibat)
- Alagille syndrome: **Bylvay®** (odevixibat)
- Primary biliary cholangitis: **elafibranor**

Bone

- FOP: **sohonos®** (palovarotene)

Endocrinology

- Acromegaly: **Somatuline® autogel®** (lanreotide)

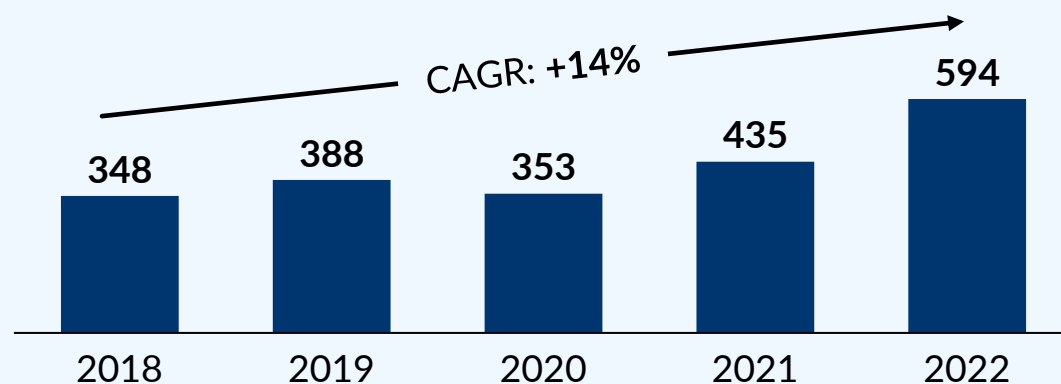
Neuroscience

- Spasticity: **Dysport®** (ABOBOTULINUM TOXIN A)
- Cervical dystonia: **Dysport®** (ABOBOTULINUM TOXIN A)
- Aesthetic indications: **Dysport®** (ABOBOTULINUM TOXIN A)

Dysport: attractive growth



Dysport sales (€m)



- » Strong market momentum across indications & geographies
- » Market-share gains in addressable markets in Tx & Ax, especially in U.S. & Europe
- » Limited impact from recent entrants

Outlook & drivers

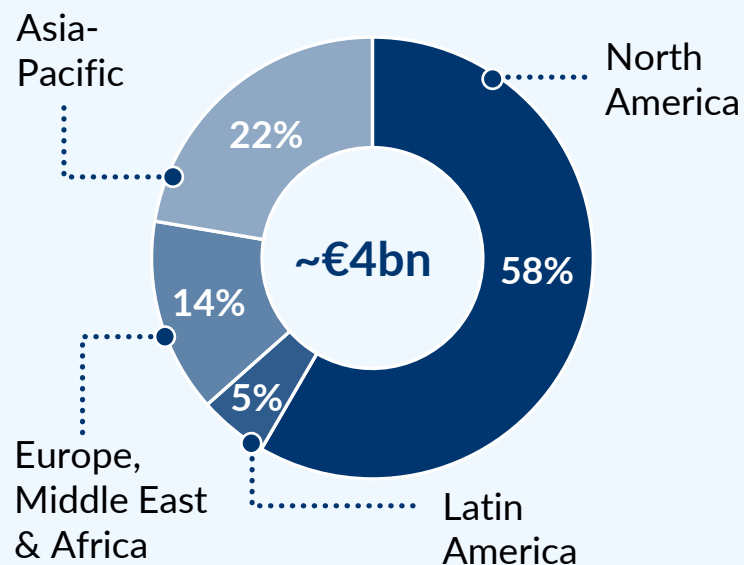
- » Attractive market growth in Tx & Ax, returning to pre-pandemic levels
- » New competitors but significant barriers to entry
- » Investment in manufacturing capacity at Wrexham to meet market-growth potential & demand

High single-digit sales growth expected¹

Dysport: large & growing market in Ax



Ax global botulinum toxin market (2022)



Expected market growth

8-10%
p.a.

Market dynamics

- » Significant 'Zoom boom' through the pandemic
- » Increased patient awareness & acceptance driven by social media
- » New customer segments
- » Ease of access & availability of procedures: wider supply of providers & settings
- » Wider product-mix availability driving choice & treatment personalization

Dysport: strong franchise in Ax

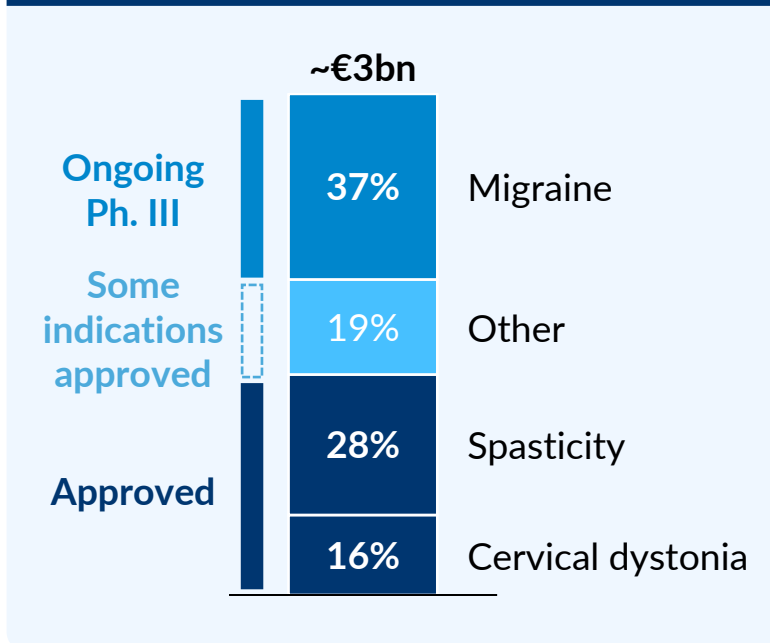


- » **Global player**, with partnership covering territories in >75% of global Ax market
- » **Leadership position: #1 or #2**
- » **Strong performance across all geographies**, including market-share gains
- » **Recent & new entrants**
- » Well positioned for **continued growth in Ax**

Dysport: attractive market in Tx



Tx global botulinum-toxin market (2022)



Expected market growth **6-8%** p.a.

Market dynamics

- » Significant **unmet need in post-stroke spasticity**
 - U.S. incidence: ~640k patients
 - Treated with BoNT-A (U.S.): ~15%
- » **Improved diagnosis & treatment** of addressable patient population
- » **Increasing awareness of BoNT-A** as effective treatment in spasticity, driving penetration
- » **Migraine attractive indication:** largest & fast-growing segment
- » **Dysport well established** (#2 globally) – gaining share in spasticity with potential to expand & grow ahead of market

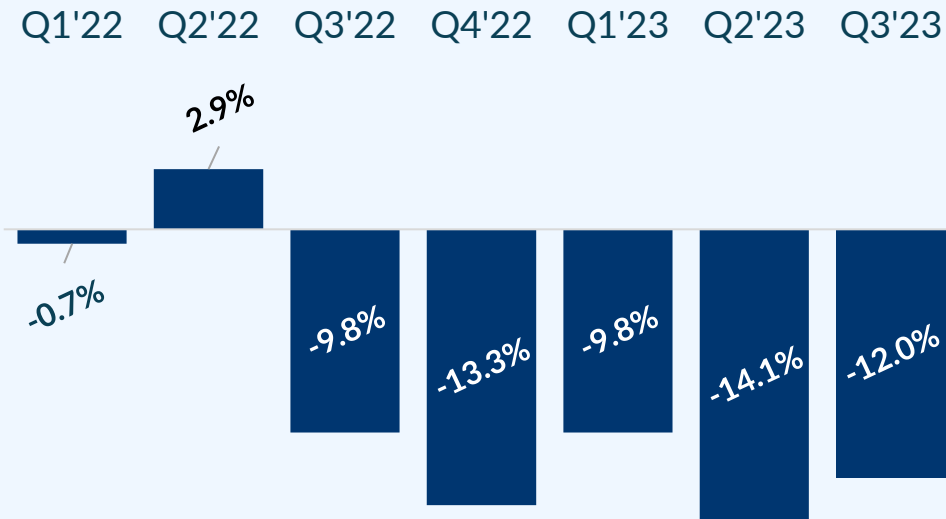
Tx: therapeutics; BoNT-A: botulinum neurotoxin type A.

Source: DRG Clarivate; Global PSS Pt Journey MR Quant 2022; Huangling Zeng, Jian Chen, Yang Guo and Sheng Tan (2021). Prevalence and risk factors for spasticity after stroke: a systematic review and meta-analysis.

Somatuline: sales erosion as planned



Year-on-year sales growth



» **Gradual sales decline:** recent competition, following losses of exclusivity in U.S. & E.U.



Outlook & drivers

- » More **lanreotide & somatostatin entrants** expected over time in U.S. & E.U. & selected countries

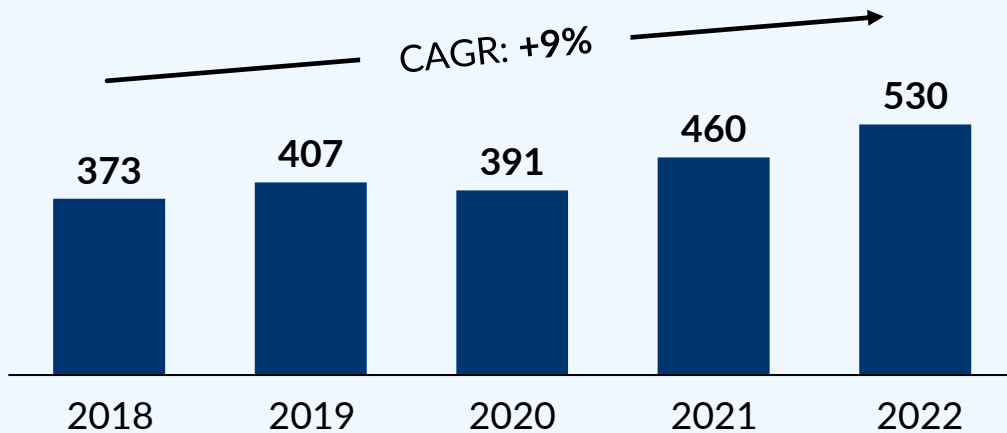
- » **Reduced sales/marketing activity**

- » **Growth** in some RoW markets with no generics / retained exclusivity

Further erosion anticipated

Decapeptyl: continued growth story

Decapeptyl sales (€m)



» **1M, 3M, 6M formulation in prostate cancer¹:** treatment customization based on patient & HCP needs

» **Market leader in Europe**

Outlook & drivers

» **Attractive market dynamics**

- ADTs remain backbone therapy in prostate cancer²
- Epidemiology driven by aging population

» **Potential for 3M & 6M formulations in additional markets**

» **Continued long-term growth expected in China, despite current market dynamics**

» **Increasing competition in Europe, including new entrants**

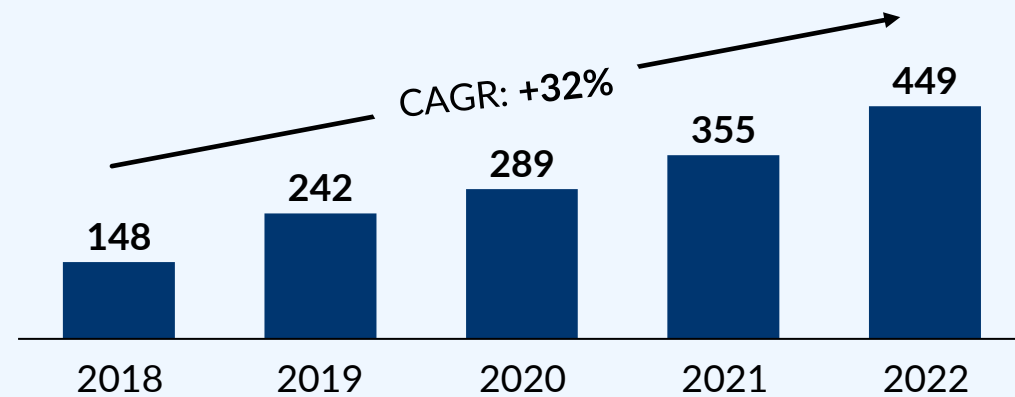
Mid-single-digit sales growth expected³

1M: one-month formulation; **3M:** three-month formulation; **6M:** six-month formulation;
HCP: healthcare professional; **ADT:** androgen-deprivation therapy. Prior performance at actual rates.

¹ Advanced metastatic prostate cancer. ² European Association of Urology treatment guidelines. ³ Estimated sales CAGR 2023-27.

Cabometyx: strongly positioned as TKI of choice in RCC

Cabometyx sales (€m)



- » Strong **market-share gains in 2L RCC** (monotherapy) across geographies
- » Successful **launch of 1L RCC in combination with nivolumab**
- » **Most sales from RCC**; additional limited sales in HCC & DTC

Outlook & drivers

- » **Strong market share gain potential 1L RCC in combination with nivolumab** in countries where reimbursed
- » **Consolidation of market leadership in 2L RCC** once patients progress from 1L combination
- » Potential **indication expansion in mCRPC**; trial completion anticipated in H2 2024¹

Peak sales expected to exceed €700m²

TKI: tyrosine kinase inhibitor; **RCC**: renal cell carcinoma; **2L**: second line; **1L**: first line, **HCC**: hepatocellular carcinoma; **DTC**: differentiated thyroid cancer; **mCRPC**: metastatic castrate-resistant prostate cancer.
Prior performance at actual rates. ¹ As per clinicaltrials.gov, December 2023. ² Excludes additional potential indications.

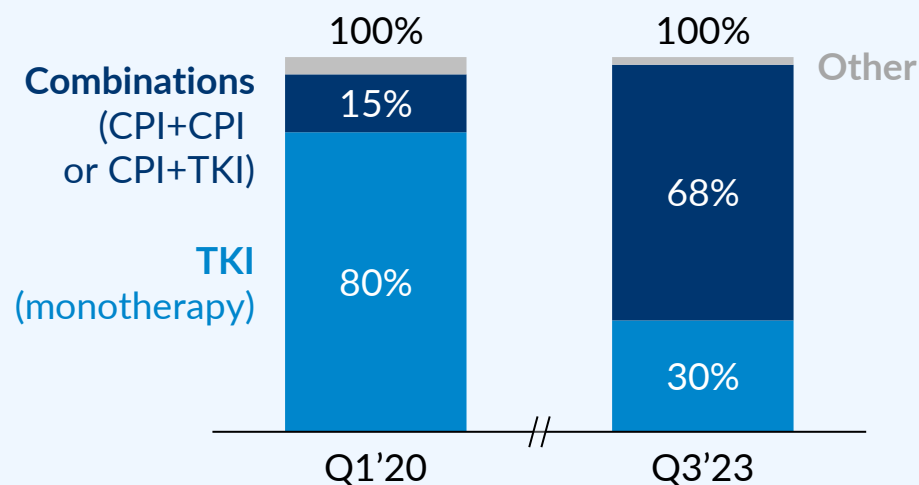
Cabometyx: headroom to grow in 1L RCC



1L RCC total patient share: E5

Number of eligible patients: ~20k (E5)

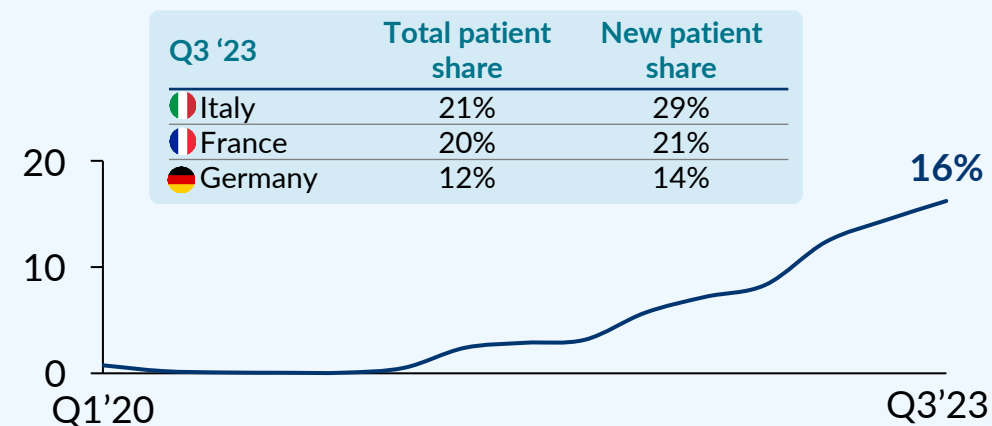
Combination median PFS: 16.6 months



» Larger patient pool & longer DoT vs. 2L



1L RCC – Cabometyx in combination with nivolumab: total patient share Italy, France, Germany



- » Differentiated clinical profile & data
- » Successful launches since regulatory approval in 2021
- » Access varies by country
- » Ambition to lead CPI-TKI segment

1L: first line; RCC: renal cell carcinoma; E5: U.K., France, Germany, Italy & Spain; PFS: progression-free survival;

CPI: checkpoint inhibitor; TKI: tyrosine kinase inhibitor; DoT: duration of treatment; 2L: second line.

Source: E5 RCC Tracker, July-September 2023 (Germany, to October 2023) (Cerner Enviza); Global Cancer Observatory.

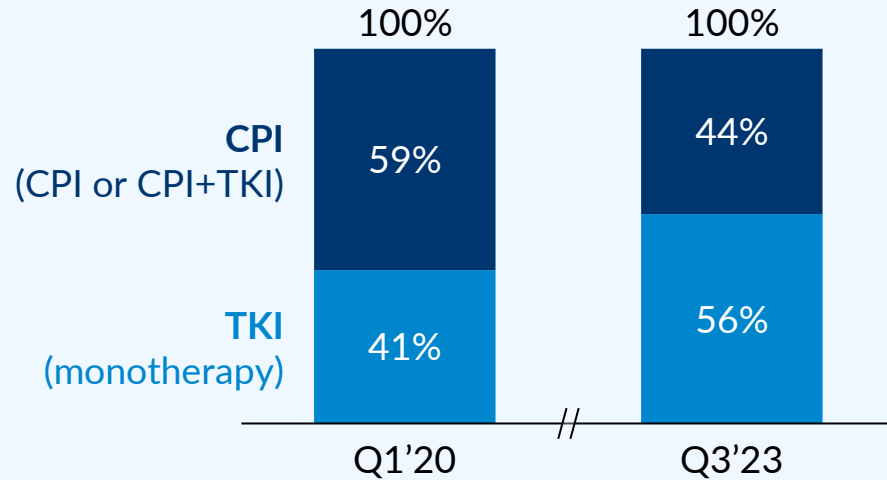
Cabometyx: consolidating market leadership in 2L RCC



2L RCC total patient share – E5

Number of eligible patients: ~10k (E5)

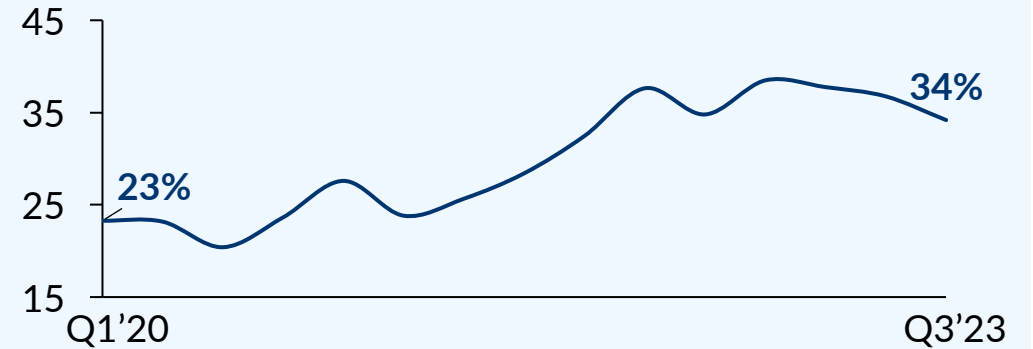
Median PFS: 7-10 months



» Expansion of TKIs in 2L



2L RCC – Cabometyx monotherapy Total patient share – E5



- » Strong HCP confidence, translating to increase in patient share
- » Ambition to **consolidate market leadership in 2L** once patients progress from 1L combination
- » Opportunity for **longer PFS post-combination**

2L: second line; RCC: renal cell carcinoma; E5: U.K., France, Germany, Italy & Spain; PFS: progression-free survival;

CPI: checkpoint inhibitor; TKI: tyrosine kinase inhibitor; HCP: healthcare professional; 1L: first line.

Source: E5 RCC Tracker (Cerner Enviza); Global Cancer Observatory.



Portfolio review

Onivyde, Tazverik & Sohonos

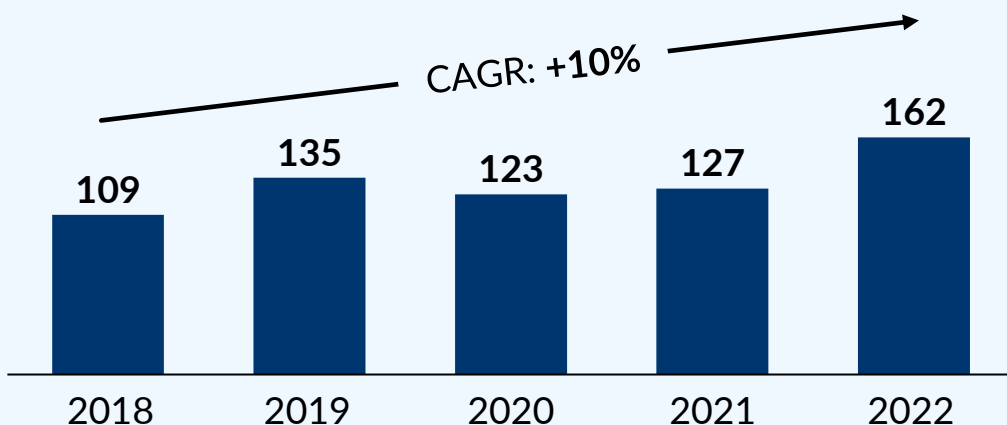
Stewart Campbell
President, North America



Onivyde: growth to come from indication extension



Onivyde sales¹ (€m)



- » Growth in Onivyde-eligible population (gem-based regimens)
- » Post-gem mPDAC share increase from 31% in January 2021 to 39% in August 2023
- » Full in-house manufacturing Signes (France) & Cambridge, MA (U.S.)

Outlook & drivers

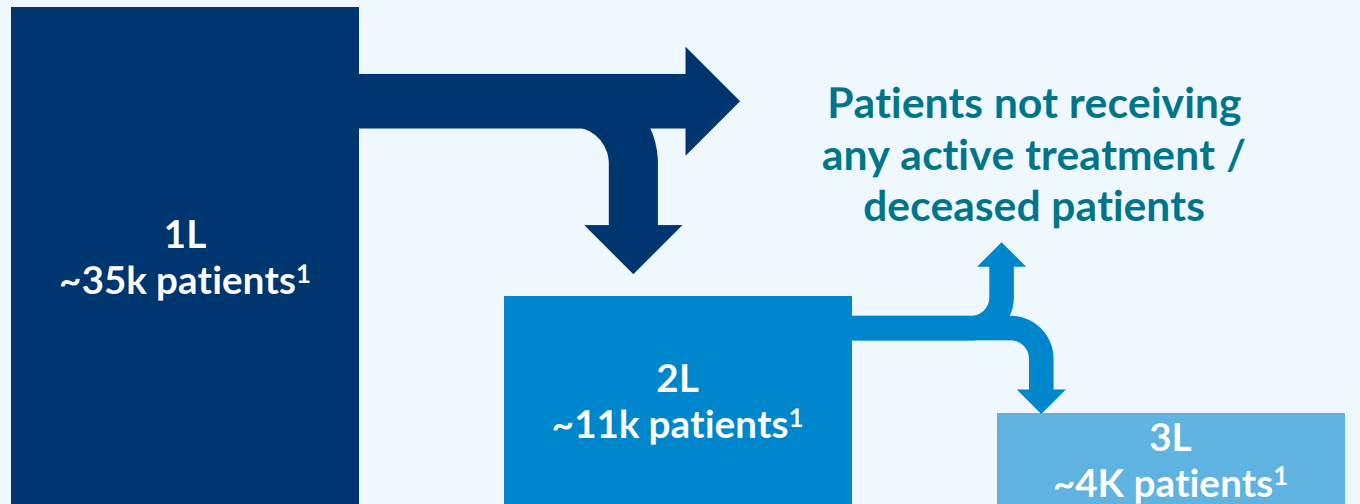
- » Significant potential in 1L mPDAC, with high unmet medical need & low one-year survival rate
- » Continued utilization in post-gem mPDAC
- » Limited number of new competitors expected

Peak sales expected to exceed €500m²

Onivyde: significant potential in 1L mPDAC



U.S. annual incidence of patients receiving treatment



DoT ~5-6 months²

DoT ~4-5 months²

DoT ~3-4 months²

Increasing share in 1L mPDAC

» Phase III NAPOLI-3 trial: positive results

» Differentiated clinical profile & strong data

» PDUFA date: 13 February 2024, followed by immediate launch

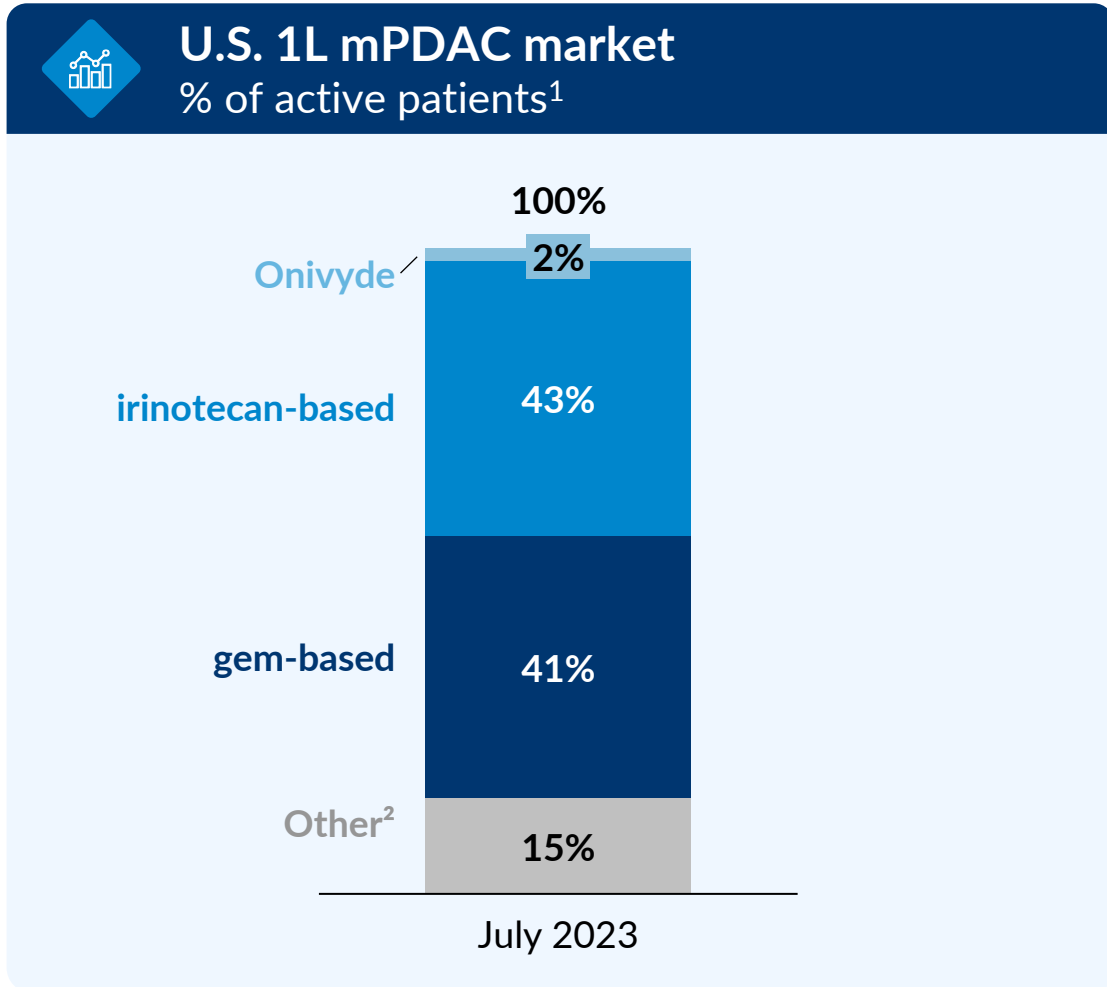
» Post-gem mPDAC market share expected to continue to grow


1L: first line; mPDAC: pancreatic ductal adenocarcinoma; 2L: second line; 3L: third line;

DoT: duration of treatment; gem: gemcitabine; PDUFA: Prescription Drug User Fee Act.

Sources: ¹ IQVIA Market Sizing report Aug 2022 to Jul 2023. ² Kantar, CancerMPact, Pancreatic Cancer, Treatment Architecture, September 2023.

Onivyde: increasing share in 1L mPDAC



 Potential to become new SoC in 1L mPDAC by gaining market share in all segments

 Building on our footprint in pancreatic cancer

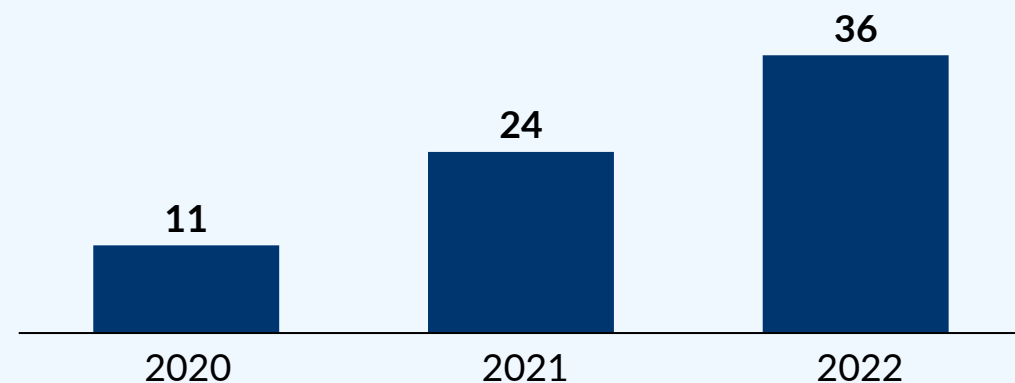
 Leveraging strong commercial & medical capabilities

1L: first line; gem: gemcitabine; mPDAC: pancreatic ductal adenocarcinoma; SoC: standard of care.
¹ Market-active patients include new patient starts & patients continuing therapy. ² Includes 5- fluorouracil.
Source: IQVIA projected patients to July 2023.

Tazverik: initial platform in hematology, long-term potential



Tazverik U.S. sales¹ (€m)



- » Commercial turnaround fully under way, with build-up of capability in hematology post-acquisition
- » Repositioning for broader patient base, including wild-type population
- » Successful penetration in 3L+ EZH2-mutant patients



Outlook & drivers

- » Mid term
 - Focus on **U.S.**, with new field force in place
 - Unique opportunity in **community setting**
 - Expansion into **wild-type patients**
 - Improving access pathway, given **favorable tolerability profile & oral administration**
- » Long term: **SYMPHONY-1 opportunity**

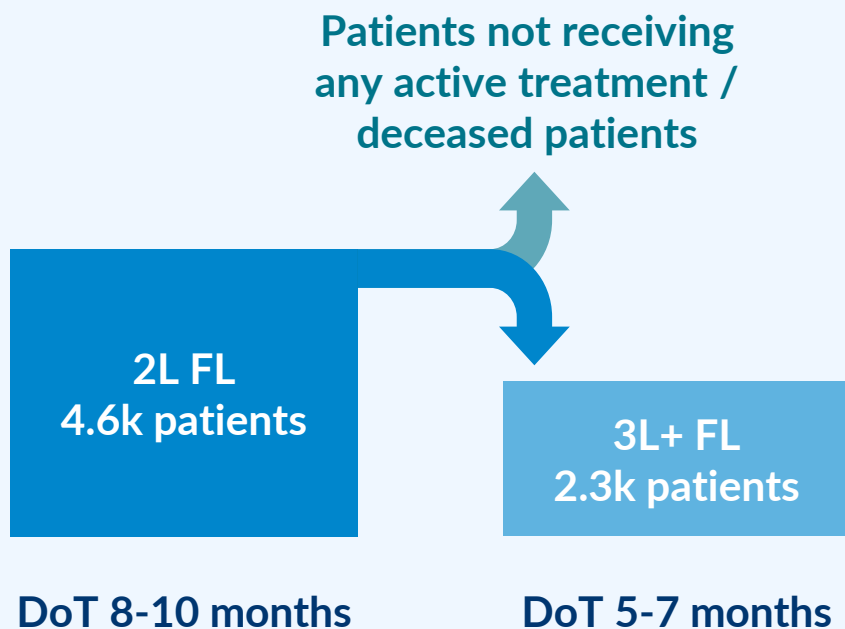
3L: third line. Prior performance at actual rates.

¹ Includes reference to Epizyme's published performances; Epizyme acquired by Ipsen in August 2022.

Tazverik: larger potential in 2L combination¹



FL – U.S.
number of treated patients



- » Larger patient pool & longer DoT in 2L FL
- » Potential to launch ex. U.S
- » Highly combinable profile: opportunity to expand usage in 2L

Peak sales expected to exceed €500m¹

2L: second line; FL: follicular lymphoma; 3L: third line; DoT: duration of treatment.

¹ With R² (lenalidomide + rituximab). ² Assumes approval in potential second-line follicular-lymphoma indication.

Sources: Kantar Patient Metrics; FL ATU Wave 7; Lackraj. Best Pract Res Clin Haematol. 2018; 31(1):2; Kridel. J Clin Invest. 2012;122(10):3424; Huntington, Scott F et al. Journal Of Health Economics And Outcomes Research vol. 9,2 115-122. 24 Oct. 2022; physician interviews; SEER.cancer.gov; UpToDate; ClearView.

Sohonos: first & only treatment approved in FOP



*"A treatment option for FOP is so important for [my son] Hayden and the FOP community. A **treatment truly gives hope to this community.**"*

Megan Olson, FOP Caregiver and IFOPA Board Chair



*"Today is a **monumental day for the FOP community!**... We express our gratitude to [Ipsen] for their commitment to the FOP community and their tremendous investments developing medicines for FOP."*

Michelle Davis, IFOPA Executive Director



*"We celebrate this **momentous occasion for the FOP community!**... I congratulate the research scientists, clinicians, funders and families who made this day possible – but **most of all, the patients who took the first brave steps into this new world.**"*

Dr. Frederick Kaplan, University of Pennsylvania

FOP: fibrodysplasia ossificans progressiva.

Sohonos: regulatory approval in U.S. in 2023



Indication

Reduction in volume of HO in adults & pediatric patients with FOP aged **>eight years** for females & **>10 years** for males



Efficacy

MOVE Phase III trial results showed **54% reduction in mean annualized new HO volume**

- » **>400 prevalent patients in U.S.**
 - >250 identified
 - Of which, ~30% are ineligible
 - Below eight and 10 years old
 - Above 20-25 years old, joints locked
- » Recommendations by **Payers Pharmaceutical & Therapeutics Committees in U.S.** to drive treatment & reimbursement decisions
- » **Exploring opportunities** in RoW countries

Peak sales expected to exceed €100m



Portfolio review

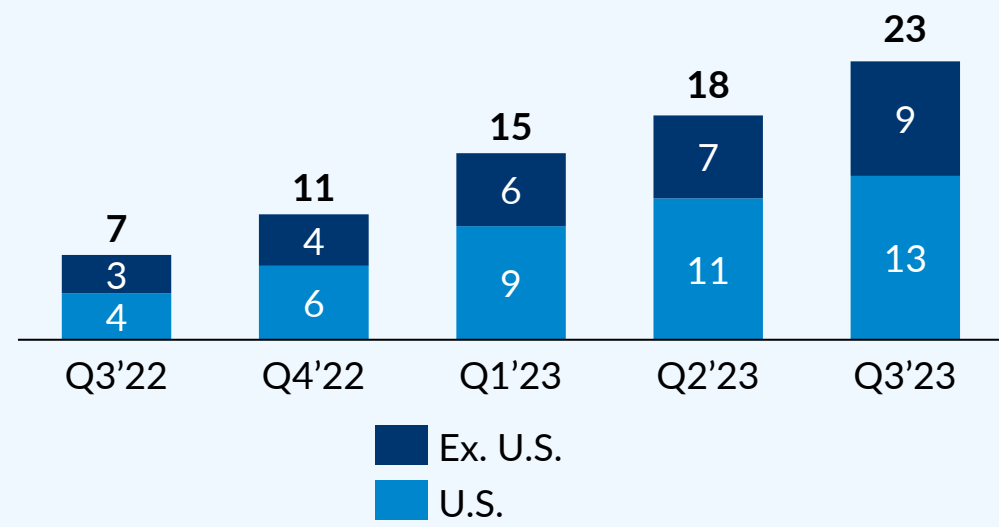
Bylvay & elafibranor

Mari Scheiffele
President, International



Bylvay: expanding position in rare liver disease

Bylvay sales (€m)¹



- » **PFIC:** launched in nine markets, including U.S.; focus on broadening & accelerating uptake
- » **ALGS:** FDA approval in June 2023

Outlook & drivers

- » Strong uptake in PFIC & ALGS
 - Increasing number of new patients
 - Weight-based dose increases
 - Ease of administration, fosters patients' convenience
 - Geographic expansion
- » Significant opportunity with **BA indication**, given high unmet medical needs & larger incident patient pool
- » Leverage rare liver franchise & synergies with existing portfolio e.g., elafibranor

Peak sales expected to exceed €700m²

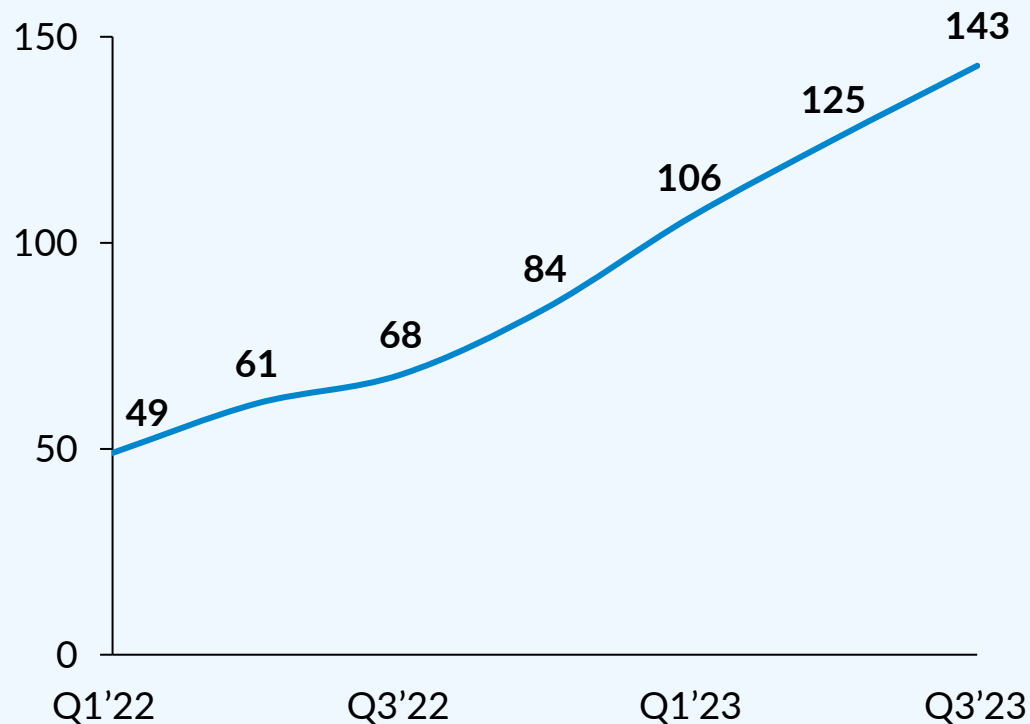
PFIC: progressive familial intrahepatic cholestasis; **ALGS:** Alagille syndrome; **FDA:** U.S Food & Drug Administration; **BA:** biliary atresia. Prior performance at actual rates. ¹ Includes reference to Albireo's published performance; Albireo acquired by Ipsen in March 2023.

² Assumes approval in potential BA indication.

Bylvay: U.S. growth based on two approved indications



Bylvay – reimbursed U.S. PFIC patients



U.S. outlook & drivers

» PFIC

- Addressing **pediatric & adult patients**
- Drive growth from **iBAT-naïve physicians**
- **Expanding into secondary hepatology centers** to accelerate patient finding

» ALGS

- **Early indicators** of uptake in prevalent population
- Patient pool **three times larger than PFIC**

Bylvay: growth enhanced by geographic expansion



Bylvay launch sequence: national reimbursement

	2021	2022	2023
PFIC	U.S.	France	Netherlands
	Germany	Italy	Slovenia
		U.K.	Spain
		Belgium	
	ALGS		U.S.

Ex. U.S. outlook & drivers

- » Further patient uptake from existing markets
- » Multiple additional countries with regulatory approval & pricing/reimbursement in PFIC & ALGS anticipated
- » ALGS: odevixibat **E.U. regulatory decision expected in 2024**

Elafibranor: PBC, a rare autoimmune liver disease

» U.S.

~100k

Patients diagnosed with PBC

~75k

Patients treated in 1L

» E5

~95k

Patients diagnosed with PBC

~75k

Patients treated in 1L

» RoW

~190k

Patients diagnosed with PBC

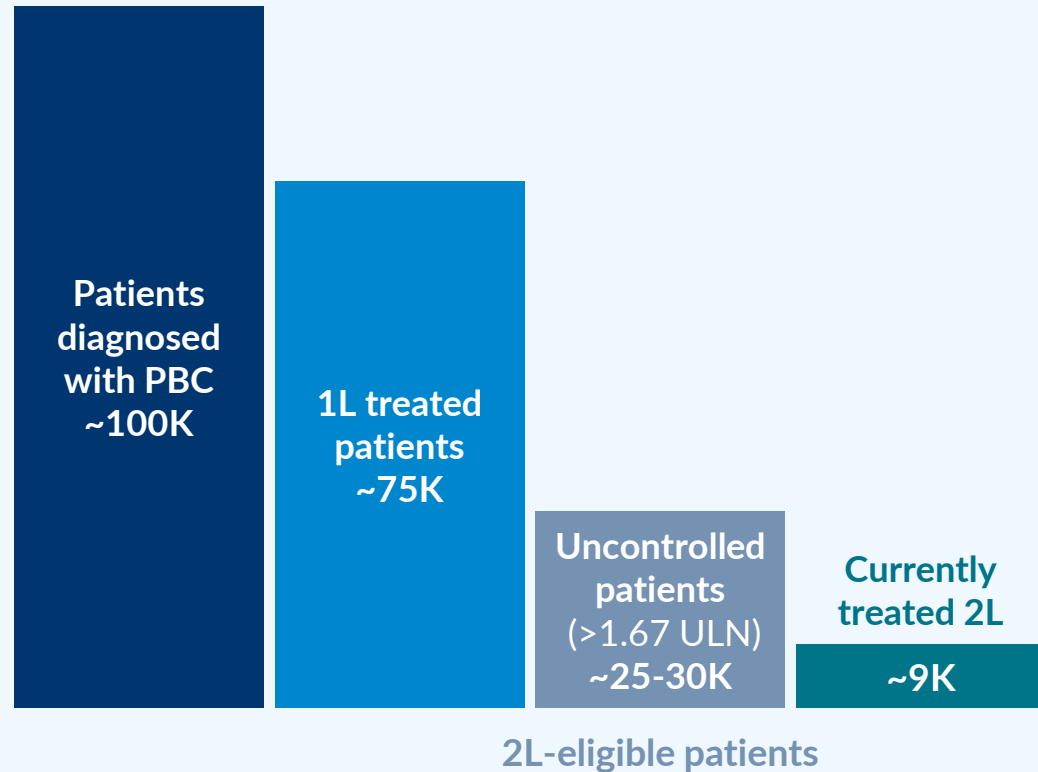
~140k

Patients treated in 1L

Elafibranor: opportunity to expand global 2L PBC market



U.S. example: 2L PBC patient flow: number of U.S. patients



Underdeveloped global 2L PBC market

- » Significant unmet medical need
 - Dissatisfaction with current treatment options
 - Uncontrolled disease
- » Limited share (20-40%) of eligible patients receiving 2L treatment today
 - Patient eligibility not well defined by HCPs
- » New entrants to expand market by accelerating number of patients under 2L treatment
- » Global 2L PBC market estimated at ~€1.5bn (2030)

Peak sales expected to exceed €500m¹

2L: second line; PBC: primary biliary cholangitis; 1L: first line; ULN: upper limit normal; HCPs: healthcare professionals.
Source: Lu et al., 2018; Webb et al., 2021; Dahlqvist et al., 2017; Sebode et al., 2020; Pla et al., 2007; Marzioni et al., 2019.

¹ Based only on the potential PBC indication.

Elafibranor: U.S. launch readiness on track



Patient profile & landscape

- » 80% of patients are **women**
Mean age of first diagnosis is **50 years old**
70% of patients have at least **one co-morbidity**

- » Treated in **academic centers & community / office-based settings**

- » Managed by **hepatologists, gastroenterologists & internal medicine specialists**



U.S. launch readiness

- » **Established U.S. Rare Disease organization preparing for rapid launch**
 - Educating HCPs & patients on new treatment paradigm - accelerating 2L PBC treatment
 - Patient support programs & pathways constructed
 - Payors & reimbursement capabilities well established

- » **Customer overlap in rare liver disease with Bylvay**

- » **FDA decision** expected in H2 2024



Conclusion

David Loew
Chief Executive Officer



Conclusion

Successfully executing on a consistent strategy to continue our growth journey



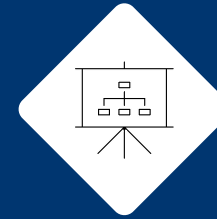
Advancing the pipeline

- » Focused platform across three therapy areas
- » Supported by further external-innovation opportunities



Excellence in execution

- » Commercial & medical execution underpinning attractive opportunities
- » Increasingly **balanced** business



2027 mid-term outlook¹

- » Total-sales growth: CAGR, 2023-2027 $\geq 7\%$ at constant exchange rates
- » 2027 core operating margin $\geq 32\%$ of total sales



Q&A



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Capital Markets Day

Questions

7 December 2023

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Living with post-stroke spasticity
Sintra, Portugal



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