

# Full-year and Q4 2021 results

March 2022 Roadshow



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### Agenda

- 1 Opening remarks
- 2 Financial results
- 3 Oncology
- BioPharmaceuticals, Emerging Markets
- 5 Rare Disease
- 6 Closing remarks and Q&A





### Full year and Q4 2021: key updates

#### Continuing to deliver on our strategic objectives

#### Robust growth

Exceeded FY 2021 revenue guidance

- Total Revenue \$37.4bn (+38%)
  - \$33.4bn (+23%)
     excluding FY 2021 Vaxzevria<sup>1</sup> revenue
  - \$35.2bn (+30%)
     including Q4 2021 Vaxzevria<sup>1</sup> revenue
- Core EPS \$5.29 (+37%)

#### **Broad-based performance**

Delivering value to patients

- Oncology \$13.7bn (+17%)
- BioPharmaceuticals:
  - CVRM \$8.0bn (+9%)
  - Respiratory & Immunology \$6.0bn (+9%)
  - Other medicines \$2.5bn (-7%)
  - COVID-19 \$4.1bn (n/m)
- Rare Disease<sup>2</sup> \$3.1bn (+9%)

#### Science-led innovation

Strong Q4 2021 performance

- Tezspire US approval
  - severe asthma
- Evusheld US EUA
  - COVID-19 prophylaxis
- Lynparza US Priority Review
  - adjuvant breast cancer
- Saphnelo EU CHMP recommendation
  - systemic lupus erythematosus
- Ultomiris US Priority Review
  - generalised myasthenia gravis

FY 2021: Total Revenue \$37.4bn (+38%) | Core EPS of \$5.29 (+37%)



### Full year and Q4 2021: performance

#### Oncology, CVRM, R&I and Rare Disease all delivered strong growth

#### Growth

across disease areas

	FY 2021 \$m	CER growth %	Q4 2021 \$m	CER growth %
Oncology	13,663	17	3,919	21
CVRM	8,034	9	2,007	8
Respiratory & Immunology	6,049	9	1,593	3
Rare Disease <sup>1</sup>	3,071	9	1,760	11
Other medicines	2,484	(7)	835	14
Evusheld	135	n/m	135	n/m
Total revenue excl. Vaxzevria	33,436	23	10,250	39
Vaxzevria <sup>2</sup>	3,981	n/m	1,762	n/m
Total Revenue	37,417	38	12,011	63

#### Growth

across geographies (excluding Vaxzevria)

	FY 2021 \$m	CER growth %	Q4 2021 \$m	CER growth %
US	12,164	38	3,859	62
EM	9,977	10	2,498	10
- EM excl. China	3,977	21	1,197	38
- China	6,000	4	1,301	(9)
Europe	7,015	22	2,573	42
Established Rest of World	4,280	21	1,320	47
Total revenue excl. Vaxzevria	33,436	23	10,250	39
Vaxzevria <sup>2</sup>	3,981	n/m	1,762	n/m
Total revenue	37,417	38	12,011	63



Total revenue at actual exchange rates; changes at CER. R&I = Respiratory and Immunology; EM = emerging markets. 1. FY 2021 revenues from date of acquisition closing, 21 July 2021 through 31 December 2021; growth rates calculated by comparison post-acquisition revenues with the corresponding prior year revenues adjusted pro-rata to match the post-acquisition. 2. *Vaxzevria* Total Revenue also includes Collaboration Revenue from sub-licensees that produce and supply the AstraZeneca COVID-19 Vaccine under their own trademarks.

#### AstraZeneca: 2022-2025

#### Industry leading double-digit growth

#### **Durable growth drivers through 2025**

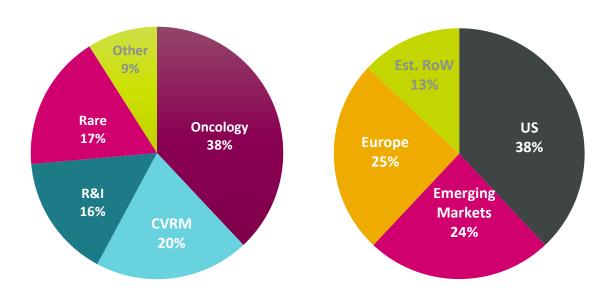
including multiple blockbuster-medicines



#### **Diversification**

of disease areas and geographies

Q4 2021 Total Revenue<sup>1</sup>





#### AstraZeneca: 2025+

#### Delivering growth through innovation

## Robust life-cycle management

Supports durable, growing revenue base









Lynparza<sup>\*</sup>





## Innovative late-stage pipeline

Continued investment in clinical stage pipeline

#### **15 NMEs**

in Phase III

#### **128 NME or major LCM**

projects in Phase II and III

Across a number of areas of high unmet need, with first or best in class potential

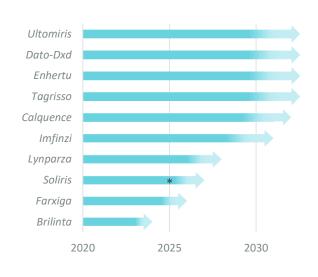
## Strategic business development

### Recent clinical stage business development

- Rare Disease (Alexion)
- Dato-DXd (Daiichi Sankyo)
- Eplontersen (Ionis)
- CAEL-101 (Caelum Bio)
- NI006 (Neurimmune)

## Attractive LoE profile





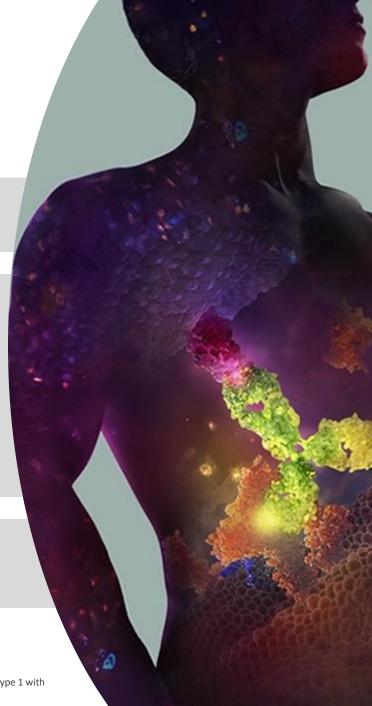


<sup>9</sup> LCM = life-cycle management; NME = new molecular entity; Dato-DXd = datopotamab deruxtecan; LoE = loss of exclusivity. \*Amgen IPR settled to grant Amgen a non-exclusive, royalty-free license to sell an eculizumab product in the US from March 1, 2025.

### Late-stage pipeline delivery

### Important milestones since Q3 2021 update

	Medicine	Indication / Event	Geography
Regulatory	Saphnelo	systemic lupus erythematosus: CHMP positive opinion	EU
approvals or	Tezspire	severe asthma	US
other regulatory action	Evusheld	COVID-19 prophylaxis: emergency use authorisation	US
	Lynparza	breast cancer (adjuvant, BRCAm): priority review	US
	Lynparza	breast cancer (adjuvant, BRCAm): regulatory submission	EU, JP
	Lynparza	ovarian cancer (1st-line): regulatory submission	CN
	Lynparza	prostate cancer (1st-line): regulatory submission	EU
Regulatory submissions or	Enhertu	HER2-positive breast cancer (2nd-line): priority review	US
acceptances	Enhertu	HER2-positive breast cancer (2nd-line): regulatory submission	EU, JP
	<i>Imfinzi</i> +/- tremelimumab	NSCLC (1st-line): regulatory submission	US, EU, JP
	Koselugo	NF1-PN: regulatory submission	JP
	Ultomiris	subcutaneous formulation in PNH and aHUS: regulatory submission	US
	Ultomiris	generalised myasthenia gravis: priority review	US
Major Phase III	Vaxzevria / AZD2816	COVID-19: phase III primary endpoint met	
data readouts or	Lynparza	breast cancer (adjuvant, BRCAm): orphan drug designation	JP
other significant	Lokelma	chronic haemodialysis with hyperkalaemia: fast track designation	US
developments	eplontersen	transthyretin amyloidosis: orphan drug designation	US



### Reported profit and loss

	FY 2021 \$m	CER change %	% total revenue	Q4 2021 \$m	CER change %	% total revenue
Total Revenue	37,417	38	100	12,011	63	100
- Product Sales	36,541	38	98	11,498	65	96
- Collaboration Revenue	876	20	2	513	29	4
Gross margin	66.0%	(12.6) pp		59.8%	(16.0) pp	
Operating expenses <sup>1</sup>	25,416	40	68	7,825	55	65
- R&D expenses	9,736	59	26	2,584	50	22
- SG&A expenses	15,234	32	41	5,117	59	43
Other operating income	1,492	(4)	4	147	(78)	1
Operating profit	1,056	(70)	3	(292)	(105)	(2)
Tax rate	143.4%			45.6%		
EPS	\$0.08	(84)		(\$0.22)	(113)	



<sup>11</sup> Absolute values at actual exchange rates; changes at CER. Gross margin excludes the impact of collaboration revenue and any associated costs, thereby reflecting the underlying performance of product sales.

1. Includes distribution expenses. R&D = research and development; SG&A = sales, general and administration; pp = percentage points; n/m = growth rate not meaningful.

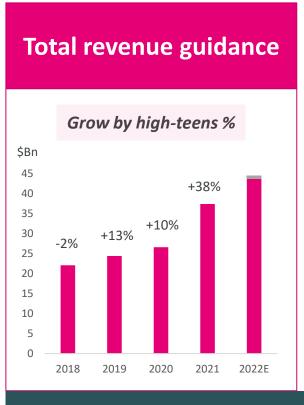
## Core profit and loss Core EPS above FY 2021 guidance

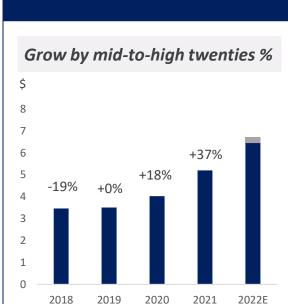
	FY 2021 \$m	CER change %	% total revenue	Q4 2021 \$m	CER change %	% total revenue
Total Revenue	37,417	38	100	12,011	63	100
- Product Sales	36,541	38	98	11,498	65	96
- Collaboration Revenue	876	20	2	513	29	4
Gross margin	74.2%	(4.7) pp		74.3%	(1.9) pp	
Operating expenses <sup>1</sup>	19,537	22	52	5,888	26	49
- R&D expenses	7,987	33	21	2,396	40	20
- SG&A expenses	11,104	15	30	3,368	18	28
Other operating income	1,492	(4)	4	146	(78)	1
Operating profit	9,928	41	27	3,318	94	28
Tax rate	16.6%			16.2%		
EPS	\$5.29	37		\$1.67	74	



### 2022 Guidance

#### Continuing to drive innovation and growth





**Core EPS guidance** 

#### Headwinds

- Ongoing pricing pressure in China, mid single-digit revenue decline anticipated
- COVID-19 still impacting diagnosis and treatment rates, particularly in Oncology
- Decline in COVID-19 therapies revenue expected in 2022
- Intensified competition for some legacy medicines
- Continued pricing pressure in many markets

#### **Tailwinds**

- First full year of Alexion ownership
- Strong ex-China Emerging markets growth
- Continued strong uptake for key medicines e.g. Farxiga, Tagrisso, Calquence and Enhertu
- Unique opportunity for Evusheld to provide protection against COVID-19 in vulnerable patients

Growth supported by a diversified business model across key disease areas and geographies





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### Financial results

Aradhana Sarin

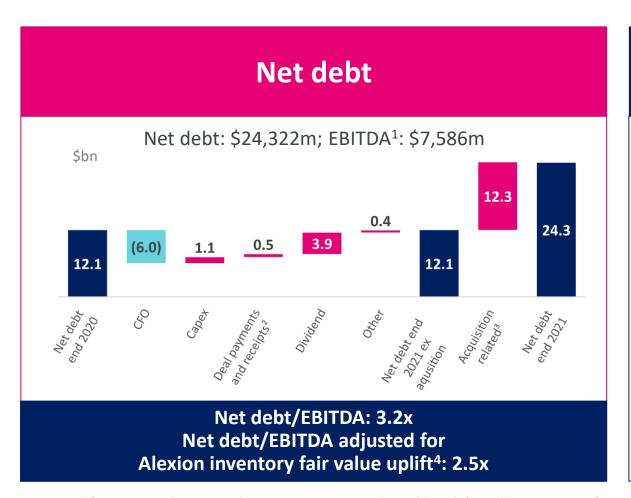
**Chief Financial Officer** 





### Net debt and capital allocation priorities

FY 2021 dividend increased to \$2.87 (intended annualised dividend increase of \$0.10)



#### **Capital allocation priorities**

- Strong investment grade credit rating
- Reinvestment in the business
- Value-enhancing business development
- Progressive dividend policy<sup>5</sup>



<sup>1.</sup> Earnings before interest, tax, depreciation and amortisation 2. Comprises purchase and disposal of intangible assets, payment of contingent consideration from business combinations, purchase and disposal of non-current asset investments, movement in profit participation liability and disposal of investments in associates and joint ventures 3. Comprises for Alexion acquisition: Upfront payment of (\$13,349m), payments upon vesting of employee share awards (\$211m) and movement in net debt related to acquisitions +\$1,307m. AstraZeneca credit ratings: Moody's: short-term rating P-2, long-term rating A3, outlook negative. S&P Global Ratings: short-term rating A-2, long-term rating A-7. 15 CreditWatch neutral. 4. EBITDA adding back the impact of \$2,198m (FY 2020: \$nil) unwind of inventory fair value uplift recognised on acquisition of Alexion 5. Progressive dividend policy defined as either stable or increasing dividend per share in US dollar terms.

3

## Oncology

Dave Fredrickson<br/>EVP Oncology Business

Susan Galbraith EVP Oncology R&D



### Tagrisso and Imfinzi

#### Increased reimbursement and launches offsetting COVID-19 impact on diagnosis

#### Tagrisso: 13% growth to \$5.0bn

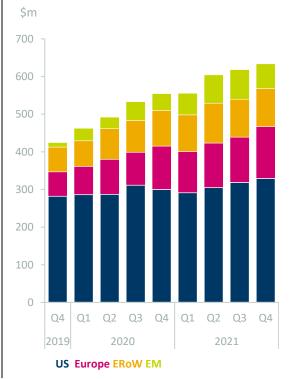
Approvals/Reimbursements: 69/19 (adjuvant), 92/52 (1L), 92/68 (2L)



- US +14% FLAURA and ADAURA new patient starts and DoT growth 2021 exit diagnosis rates for lung 10-15% below pre-pandemic levels
- Europe +25% (Q4 +7%) Increased reimbursement
- **ERoW +14%** Japan +8%
- EM +6% (Q4 +23%) China 1st-line volume growth continues after NRDL implementation

#### Imfinzi: 16% growth to \$2.4bn

Approvals/Reimbursements: 75/35 (NSCLC), 67/9 (ES-SCLC)



- US +5% (Q4 +10%)
- **Europe +25%** Growth from PACIFIC and CASPIAN launches
- **ERoW +23%** Improving CRT rates and strong CASPIAN demand driving growth despite mandatory price adjustment in Japan in August
- EM +68% (Q4 +44%) Strong underlying demand China destocking in Q4 2021

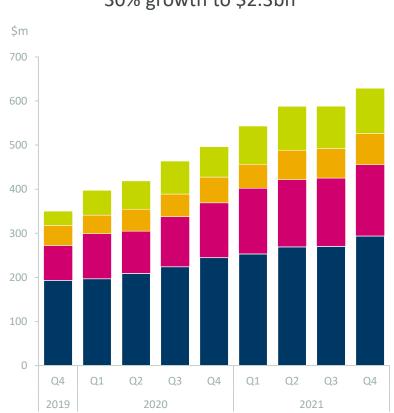


### Lynparza

#### The globally leading PARP inhibitor across four tumour types

#### **Product sales**

30% growth to \$2.3bn



#### **US Europe ERoW EM**

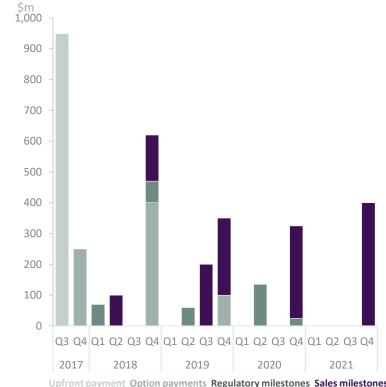
#### **Growth in all regions**

Approvals: 86 (OC), 84 (mBC), 70 (mCRPC)

- US +24%
  - Growth driven by ovarian, prostate and breast performance 2021 exit diagnosis rates: 5-15% below baseline
- Europe +35% Increasing HRD testing, launches in new markets
- **ERoW +28%** Japan +21% driven by PAOLA-1 launch
- EM +41% Strong demand growth across EM, offsetting China NRDL renewal impact

#### Collaboration revenue<sup>1</sup>

\$3.5bn recorded, \$4.2bn future potential



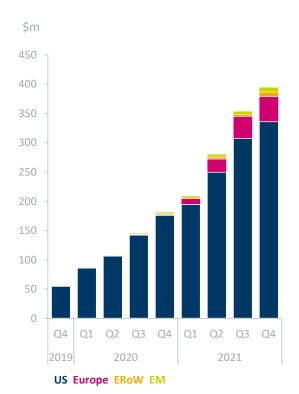


### Calquence and Enhertu

#### Strong launch trajectories continue

#### Calquence: 136% growth to \$1.2bn

Approvals/Reimbursements: 76/25 (CLL), 37/13 (MCL)

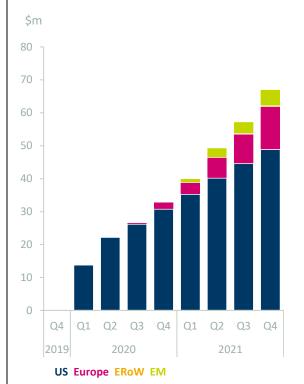


- Global \$1,238m; US \$1,089m
- US CLL Strong performance with 54% share of new patients starts
- Global CLL Continued launch performance in DE, UK, FR and International markets
- US MCL Preferred BTKi in relapsed refractory MCL



#### Enhertu: 123% growth to \$214m

Approvals/Reimbursements: 9/4 (mBC), 4/2 (GC)



- Global \$214m; US \$169m
- Total in-market sales ex-Japan: \$426m
- US #1 in 3rd-line HER2+ mBC. continuing launch in 2nd-line GC, NCCN and ESMO guidelines for 2nd-line mBC
- Global Strong launches in France and UK





### Oncology: R&D pipeline highlights

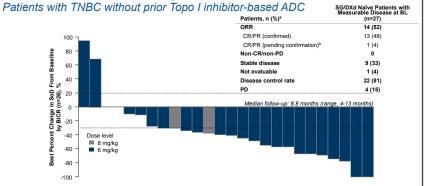
#### Strong congress presence; HIMALAYA and TOPAZ-1 support launch into GI cancers

#### **SABCS**

Enhertu, Dato-DXd, Lynparza, Imfinzi and camizestrant

 TROPION-PanTumor01: promising evidence of the anti-tumour activity of datopotamab deruxtecan in TNBC<sup>1</sup>

#### **Antitumor Responses by BICR**

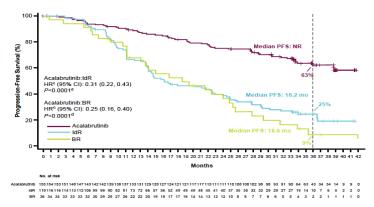


#### **ASH**

Calquence and capivasertib

 ASCEND: durable efficacy for Calquence over three years in r/r CLL<sup>2</sup>

#### Acalabrutinib vs IdR vs BR



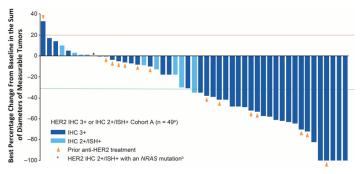
#### **ASCO GI**

*Imfinzi*, tremelimumab and Enhertu

- Positive results in IO: HIMALAYA (HCC) and TOPAZ-1 (BTC)
- Enhertu gastric and colorectal trials<sup>3</sup>

DESTINY-CRC01

#### **Best Percentage Change in Tumor Size in Cohort A**



Wealth of new data reinforces leadership in Oncology, underscoring ambition to redefine cancer care





## BioPharmaceuticals, Emerging Markets

Ruud Dobber EVP, BioPharmaceuticals Business

Mene Pangalos EVP, BioPharmaceuticals R&D

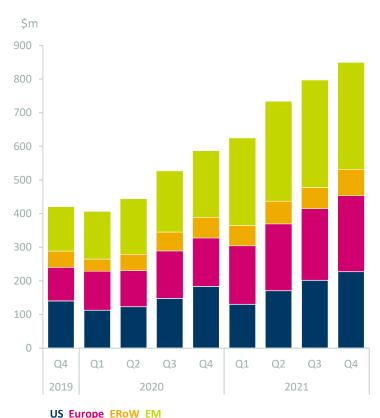


### BioPharmaceuticals: Cardiovascular, Renal and Metabolism

Total Revenue \$8.0bn; growth +9%

#### Farxiga: 49% growth to \$3.0bn

Strong momentum continues, fastest growing SGLT2i globally

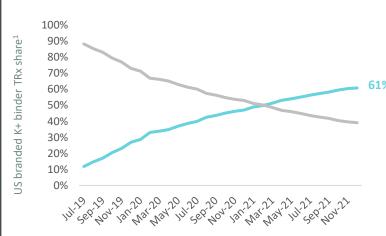


- US +29%, Europe +52% and EM
   +70%, boosted by HFrEF and CKD launches
- Volumes growing faster than the SGLT2i market in most major markets
- China NRDL status renewed
- #1 innovative anti-diabetic in China and Brazil

Now blockbuster status in EM

#### Lokelma

Global sales of \$175m



Lokelma Branded competitor

- Continued strong growth in US and Japan. Expanding in new markets in Europe with new reimbursements achieved
- China NRDL listing from January 2022

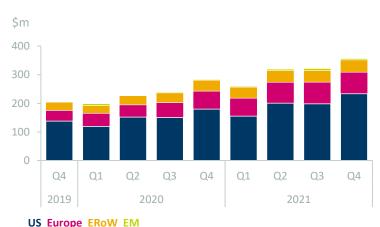


### BioPharmaceuticals: Respiratory and Immunology

#### Total Revenue \$6.0bn; growth +9%

#### Fasenra

31% growth to \$1.3bn

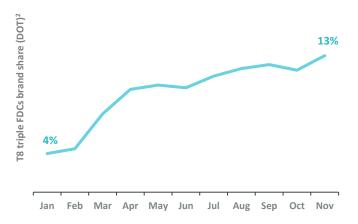


- Leading biologic in eosinophilic asthma<sup>1</sup>
- Global performance driven by new patient share
- Now a blockbuster medicine



#### Breztri

COPD launch progressing; sales of \$203m



- Global launch underway with 13% triple FDC branded market share in T8 countries, with 23% share in US, CN, JP
- Demand sales volume increase in China following NRDL inclusion



#### Saphnelo

SLE launch progressing

- Positive early market response, despite COVID-19 headwinds
- US: \$8m sales, with 35% NBRx share of i.v. market<sup>3</sup>
- Japan: formulary listing submissions are proceeding







### Tezspire approved for severe asthma in the US



First and only biologic approved with no phenotype or biomarker limitation

### Addressing the unmet need in severe asthma

c.2.5m

of patients eligible for biologic treatment<sup>1</sup>

c.83%

patients not currently treated with biologics<sup>2</sup>

## Tezspire addresses the full spectrum of severe asthma patients

Indicator	% Total Patient Population <sup>3-12</sup>
☑ Blood eosinophils (≥ 300 cells/μL)	40-50%
☑ Blood eosinophils (<300 cells/µL)	50-60%
☑ Blood eosinophils (<150 cells/µL)	25-30%
✓ With allergic features	c.65%
✓ Inflammatory drivers overlap	c. 60%

Only biologic proven to significantly reduce exacerbations in these patient populations

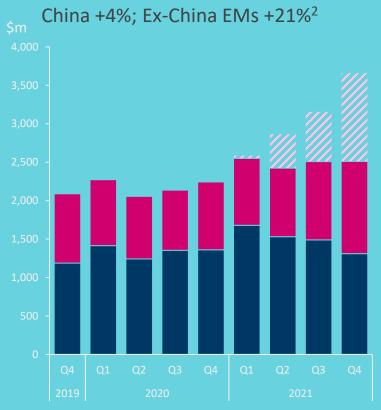
US launch January 2022 | Regulatory submissions underway in EU and Japan



### **Emerging Markets**

Total revenue \$12.3bn (including *Vaxzevria*<sup>1</sup> revenue)

#### **Emerging markets +10%**<sup>2</sup>



China Ex-China EMs COVID-19 vaccine sales

#### Diversified growth across geographies

Launches in ex-China Emerging Markets progressing well

- Oncology \$3.2bn, +6%: Tagrisso \$1.3bn, up 6% continued impact from NRDL inclusion in China, offset by solid growth ex-China for *Lynparza*, *Imfinzi*, and *Tagrisso*
- CVRM \$3.8bn, +12%: continued strong growth for Forxiga (\$1.2bn, +70%) driven by HF and CKD launches
- **Respiratory & Immunology** \$1.7bn, +4%: *Pulmicort* (\$770m, -9%) due to VBP inclusion in October. Symbicort growth (\$609m, +4%) mainly driven by ex-China



### BioPharmaceuticals: R&D pipeline highlights

Four NMEs approved in 2021: Saphnelo, Tezspire, Evusheld and Vaxzevria

#### Evusheld

Only long-acting antibody combination shown to prevent and treat COVID-19

- Authorised in eight countries, including US EUA
- Retains neutralising activity against Omicron<sup>1</sup>
- US agreements for 1.2m doses
  - Agreements include US Gov development funding

#### Vaxzevria

Clinical and real-world evidence supports use as booster

- 2.5bn doses supplied in 2021<sup>2</sup>
- Boosts immune response against Omicron<sup>3</sup>
- Retains neutralising activity after two-doses<sup>4</sup>
- Vaxzevria and AZD2816 generated similar immune response to variants of concern<sup>5</sup>

#### eplontersen

**ATTR** Collaboration with Ionis Pharmaceuticals

- ATTR: misfolded protein and accumulation as amyloid fibrils
  - ATTR-CM (cardiomyopathy)
  - hATTR-PN (polyneuropathy, hereditary)
- Phase III trials: CARDIO-TTRansform (data 2023+) NEURO-TTRansform (data H2 2022)





### Rare Disease

Marc Dunoyer

Chief Executive Officer, Alexion



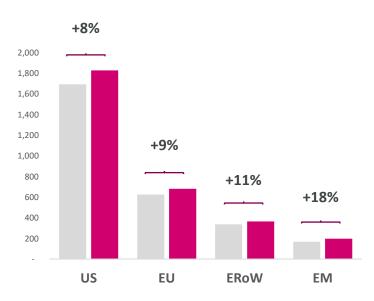


#### Rare Disease

#### Total Revenue \$3.1bn; +9% pro rata<sup>1</sup> FY 2021

#### **Growth across all regions**

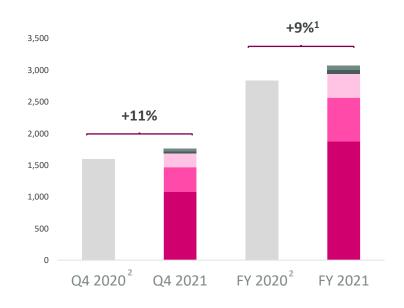
Pro rata growth, 2021<sup>1</sup>



#### FY 2020<sup>2</sup> FY 2021

#### Rare Disease performance

C5 Franchise (Soliris + Ultomiris) +11% Q4; +8% pro rata FY 2021<sup>2</sup>;



Soliris Ultomiris Strensig Kanuma Andexxa

- Soliris: double-digit volume growth in Neurology; Q4 benefitted from tender market order timing
- Ultomiris: continued conversion in PNH, aHUS despite COVID-19 impact; 14 new country launches in FY 2021
- Strensiq: growth driven by increased demand in US
- Kanuma: strong revenue growth driven by ex-US demand
- Andexxa: strong revenue growth in EU, offset by COVID-related hospital access challenges in the US

Opportunity for geographic expansion leveraging AstraZeneca's footprint

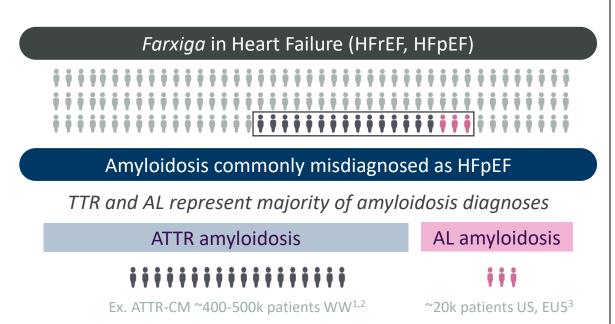


### Expanding beyond heart failure in amyloidosis

Cohesive commercial and development strategy across Cardiovascular and Rare Disease

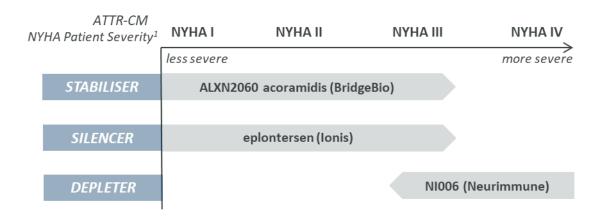
#### **Leveraging strengths and expertise**

across Cardiovascular, Rare Disease



#### **Complementary MOAs needed in ATTR**

to address full spectrum of patient need



Building a strategic presence in amyloidosis

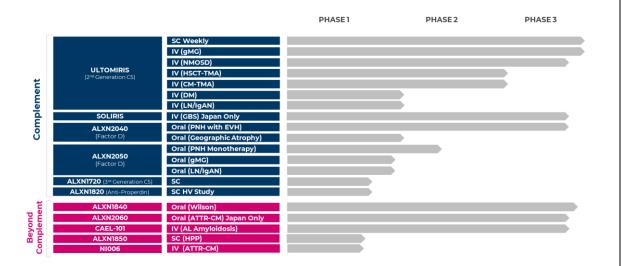


### Investing in Rare Disease

Late-stage weighted pipeline, multiple long-term growth opportunities

#### **Robust late-stage pipeline**

breadth of LCM and NME opportunities



Diversified pipeline with multiple late-stage programmes beyond complement

#### **Expanding & diversifying**

our Rare Disease portfolio; key events in Q4

- US FDA accepted *Ultomiris* in generalised myasthenia gravis for priority review, PDUFA date in Q2 2022
- Exclusive global license for NI006, novel depleter in development for ATTR amyloidosis
- Investing in complement capabilities with expansion of New Haven research facility, and establishment of European development hub in Barcelona



6

Closing remarks and Q&A



### Pipeline catalysts for 2022 - 2023

#### Industry leading news flow

**Oncology BioPharmaceuticals Rare Disease** 

H1 2022 H2 2022 2023



Regulatory decision

Lynparza – breast cancer (adjuvant) (US) Enhertu - HER2+ breast cancer (2L) (US) Brilique - stroke (THALES) (CN) Forxiga – chronic kidney disease (CN) Fasenra – nasal polyps (US) Saphnelo – lupus (SLE) (EU) tezepelumab - asthma (EU, JP)

Tagrisso - EGFRm NSCLC (adjuvant) (JP) Imfinzi +/- tremelimumab - NSCLC (1L) Lynparza – ovarian cancer (1L) (CN) Lynparza – prostate cancer (1L) (EU) Lynparza – breast cancer (adjuvant) (EU, JP) Enhertu – HER2+ breast cancer (2L) (EU, JP) Enhertu – HER2+ gastric cancer (2L) (EU) Koselugo – NF1-PN (JP) **Ultomiris** – gMG (EU, JP)



Regulatory submission and/or acceptance *Imfinzi* +/- tremelimumab – liver cancer (1L) (HIMALAYA) *Imfinzi* – biliary tract cancer (TOPAZ-1)

Lynparza – prostate cancer (1L) (US, JP) Enhertu - HER2-low breast cancer (3L) (DESTINY-

Breast04)

PT027 – asthma (US) Vaxzevria - COVID-19 (US)

**Ultomiris** – gMG (US)

Evusheld - COVID-19 outpatient treatment (EU, JP)

nirsevimab – respiratory syncytial virus

**Ultomiris** – subcutaneous, PNH and aHUS (EU)

Imfinzi - NSCLC (unresectable, Stg. III) (PACIFIC-2)

**Ultomiris** – subcutaneous, PNH and aHUS (US)

Imfinzi – NSCLC (1L) (PEARL)

Imfinzi – cervical cancer (CALLA)

Imfinzi - liver cancer (locoregional) (EMERALD-1)

Enhertu - HER2+ breast cancer (3L) (DESTINY-Breast02)

Calquence - CLL (ELEVATE-TN) (JP) Koselugo – NF1-PN (SPRINT) (CN)

Farxiga - HFpEF (DELIVER)

eplontersen – hATTR-PN (NEURO-TTRansform)

**Ultomiris** - NMOSD

ALXN1840 - Wilson disease

Tagrisso – EGFRm NSCLC (1L) (FLAURA2)

Tagrisso – EGFRm NSCLC (unresectable Stg. III) (LAURA)

Imfinzi – limited-stage SCLC (ADRIATIC)

Imfinzi - bladder cancer (1L) (NILE)

Imfinzi – bladder cancer (muscle invasive) (NIAGARA)

Imfinzi – liver cancer (adjuvant) (EMERALD-2)

Imfinzi – NSCLC (neoadjuvant) (AEGEAN)

Lynparza – breast cancer (adjuvant) (CN)

Lynparza – colorectal cancer (1L) (LYNK-003)

capivasertib – TNBC (locally adv./met.) (CAPItello-290)

capivasertib - HR+/HER2-neg. breast cancer (CAPItello-291) Dato-DXd - NSCLC (3L) (TROPION-Lung01)

Fasenra - EOE (MESSINA)

Fasenra – EGPA (MANDARA) Fasenra – HES (NATRON)

Fasenra – severe asthma (CN) (MIRACLE)

acoramidis - ATTR-CM (JP)

danicopan – PNH with extravascular haemolysis

**Key Phase III** data readouts Imfinzi - NSCLC (1L) (PEARL)

Imfinzi – cervical cancer (CALLA)

Imfinzi – NSCLC (unresectable Stg. III) (PACIFIC-2) Enhertu - HER2-low breast cancer (3L) (DESTINY-

Breast04)

Farxiga – HFpEF (DELIVER)

**Ultomiris** – NMOSD

Imfinzi – SCLC (limited-stage) (ADRIATIC)

Imfinzi – liver cancer (locoregional) (EMERALD-1)

Enhertu - HER2+ breast cancer (3L) (DESTINY-Breast02)

Calquence - MCL (1L) (ECHO)

eplontersen – hATTR-PN (NEURO-TTRansform)

Fasenra – HES (NATRON) Fasenra - EOE (MESSINA)

acoramidis - ATTR-CM (JP)

Tagrisso – EGFRm NSCLC (1L) (FLAURA2)

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Imfinzi - NSCLC (neoadjuvant) (AEGEAN) Imfinzi – liver cancer (adjuvant) (EMERALD-2)

Imfinzi – bladder cancer (1L) (NILE)

Lynparza – colorectal cancer (1L) (LYNK-003)

Lynparza + Imfinzi – ovarian cancer (1L) (DuO-O)

Lynparza + Imfinzi – endometrial cancer (1L) (DuO-E) Enhertu – HER2oe gastric cancer (DESTINY-Gastric03)

Enhertu – HER2m NSCLC (unresectable) (DESTINY-Lung02)

Enhertu – HER2-low breast cancer (2L) (DESTINY-Breast06)

Calquence – CLL (1L) (AC-CL-311)

capivasertib - TNBC (locally adv/met) (CAPItello-290)

capivasertib – HR+ HER2-neg breast cancer (1L)

(CAPItello-291)

camizestrant – HR+ HER2-neg breast cancer (SERENA-6)

Dato-DXd – NSCLC (3L) (TROPION-Lung01)

Farxiga - myocardial infarction (DAPA-MI)

roxadustat – anaemia of myelodysplastic syndrome

Fasenra – severe asthma (MIRACLE)

Fasenra - CRWNP (ORCHID)

Fasenra - EGPA (MANDARA)

Fasenra – bullous pemphigoid (FJORD)

**Soliris** – guillain-barre syndrome (JP)

danicopan - PNH with extravascular haemolysis

EGFRm = epidermal growth factor receptor mutated; HER2-low = human epidermal growth factor receptor 2 low; Stg. = stage; HFpEF = heart failure with preserved ejection faction; NMOSD = neuromyelitis optica spectrum disorder; MCL = mantle cell lymphoma; HES = hyper eosinophilic syndrome; EOE = eosinophilic oesophagitis; TNBC = triple negative breast cancer; adv = advanced; met = metastatic; HR+ = 32 hormone receptor positive; HER2-neg = human epidermal growth factor receptor 2 low; HER2oe = human epidermal growth factor receptor over expressing; HER2m = human epidermal growth factor mutant; CRwNP = chronic rhinosinusitis with nasal polyps; EGPA = eosinophilic granulomatosis with polyangiitis.

### AstraZeneca: the next chapter

Industry-leading growth, best-in-class innovative pipeline

**Double-digit CAGR** through 2025



Longer-term growth fueled by existing portfolio and new innovative medicines

Differentiated, durable portfolio



Attractive LOE profile, unrivalled **R&D** productivity and pipeline

**Financial** execution



Continued focus on operating leverage and cash generation Reinvestment in our main disease areas



High-growth pipeline opportunities, value-enhancing business development



## Q&A

Full-year and Q4 2021 Results



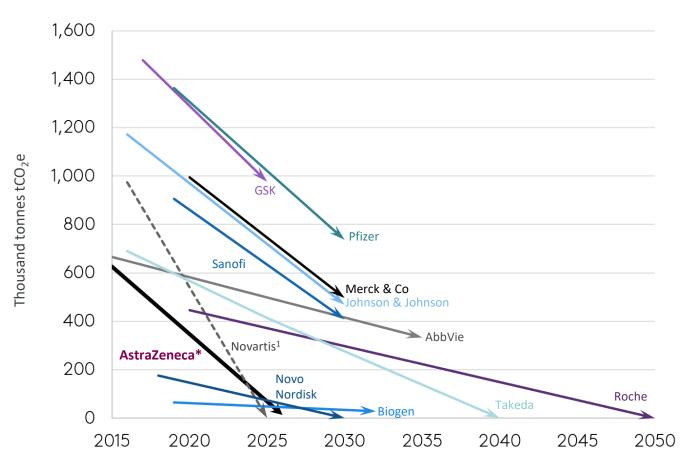


Appendix



### Scope 1+2 emissions reduction targets

#### **Absolute Scope 1+2 emissions reduction targets**



#### **Target ranking**

Company	Target temperature alignment (°C) <sup>2</sup>	Rank
AstraZeneca	<1.1	1
Novo Nordisk	<1.1	2
Takeda	<1.1	3
Sanofi	1.15	4
Merck & Co	1.15	5
Roche	1.24	6
Johnson & Johnson	1.37	7
GSK	1.38	8
Biogen	1.39	9
Bayer	1.40	10
Pfizer	1.40	11
AbbVie	1.64	12
Lonza	2.52	13



Source: Pollination, using Company reports, CDP. Note: Target trajectory is plotted from base year to target year. Actual historical emissions profiles from 2015 – 2020 will differ. Bayer's target is not displayed due to scale of chart. Lonza's target is not displayed due to being an intensity target. 1. Novartis' target is to be carbon neutral across Scope 1+2 by 2025 from 2016 base year, level of mitigation targeted is unknown. 2. Utilising the SBTi temperature 36 rating methodology.

#### Early pipeline news flow (1/2)

#### Next key milestone by project

Oncology					
Project	Target	Phase	Indication	Next milestone	
adavosertib	WEE1	II	uterine, pancreatic cancer	Phase III start	
ceralasertib	ATR	II	solid tumours blood cancers	Phase II data, 2023+	
oleclumab	CD73	II	solid tumours	Phase II data, 2023	
MEDI5752	PD-1/ CTLA4	1/11	solid tumours	Phase I/II data, 2023+	
AZD5991	MCL1	1/11	blood cancers	Phase I/II data, 2023+	
AZD0466	Bcl-2/xL	II	blood cancers	Phase II data, 2023+	
AZD8205	B7H4 ADC	1/11	solid tumours	Phase I/II data, 2023+	
AZD5305	PARP1 sel	1/11	solid tumours	Phase I/II data, 2023+	
AZD0171 + Imfinzi	anti-LIF mAb + PD-L1	II	NSCLC	Phase II data, 2023+	
AZD7789	PD-1/TIM3	1/11	NSCLC	Phase I/II data, 2023+	
AZD2936	PD-1/TIGIT	I	NSCLC	Phase I data, 2023+	
AZD4573	CDK9	II	blood cancers	Phase II data, 2023	

BioPharmaceuticals: CVRM				
Project	Target	Phase	Indication	Next milestone
cotadutide	GLP-1/ glucagon	II	NASH	Phase III start, H2 2022
cotadutide	GLP-1/ glucagon	II	DKD	Phase II data, H1 2022
AZD4831	MPO	11/111	HFpEF	Phase II/III data, 2023+
AZD5718	FLAP	II	CKD	Phase II data, 2023
AZD9977 + Farxiga	MCR + SGLT2	Ш	HF with CKD	Phase II data, 2023
zibotentan + <i>Farxiga</i>	ETR + SGLT2	Ш	CKD	Phase II data, H2 2022
AZD2693	PNPLA3	I	NASH	Phase I data, H1 2022
AZD8233	PCSK9	II	dyslipidaemia	Phase II data, H2 2022
tozorakimab	IL-33	II	DKD	Phase II data, 2023



### Early pipeline news flow (2/2)

#### Next key milestone by project

BioPharmaceuticals: Respiratory and Immunology					
Project	Target	Phase	Indication	Next milestone	
tozorakimab	IL-33	II	asthma	Phase II data, H2 2022	
tozorakimab	IL-33	II	COPD	Phase III start, 2022	
tozorakimab	IL-33	II	AD	Phase II data, H2 2022	
tozorakimab	IL-33	II	COVID-19	Phase II data, H1 2022	
AZD1402	IL-4R alpha	II	asthma	Phase II data, H2 2022	
AZD4604	inhaled JAK	1	asthma	Phase I data, 2023	
MEDI7352	NGF TNF	II	painful diabetic neuropathy	Phase II data, 2023	
MEDI7352	NGF TNF	II	osteoarthritic pain	Phase II data, 2023	

Rare Disease				
Project	Target	Phase	Indication	Next milestone
ALXN1720	3rd-gen C5	I	gMG	Phase I data, H1 2022
danicopan	Factor D	II	geographic atrophy	Phase II data, 2023+
danicopan	Factor D	III	PNH with EVH	Phase III data, 2023
ALXN1820	anti-properdin	I	haematology	Phase I data, 2023
ALXN2050	Factor D	П	PNH monotherapy	Phase II data, H1 2022
ALXN2050	Factor D	П	gMG	Phase II data, H1 2022
ALXN2050	Factor D	П	renal indications	Phase II data, 2023+
ALXN1850	next-gen asfotase alfa	I	hypophosphatasia	Phase I data, H2 2022



В

Commercial context: PROpel, HIMALAYA, TOPAZ-1 and DESTINY-Breast04



1

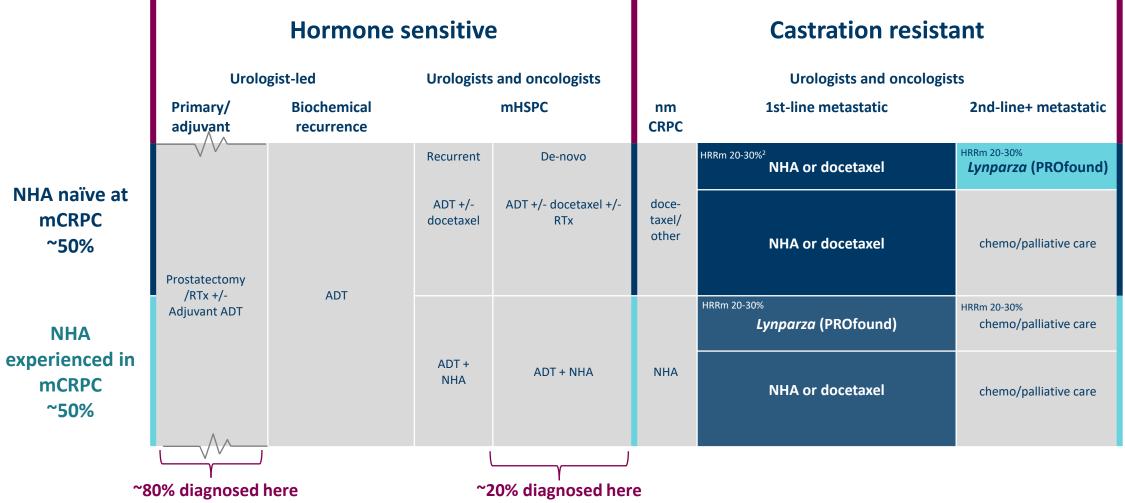
PROpel



#### Prostate is the second most common cancer in male patients

mCRPC therapies are limited; mostly monotherapy, including in first line







## PROpel - unprecedented clinical benefit without compromising quality of life - a potential new SoC in mCRPC

#### **Outcomes remain poor**

in advanced prostate cancer

#### 40%

of patients with prostate cancer will develop metastatic disease<sup>1-3</sup>

#### 30%

the 5-year survival rate for patients with metastatic disease<sup>4</sup>

#### 3 years

median OS for mCRPC patients in the first-line setting<sup>5-9</sup>

#### 50%

of patients receive only one line of active therapy in mCRPC<sup>10</sup>

#### **PROpel**

building on the success of PROfound

- Representative real-world population simple trial design
- All-comers ITT population
- Retrospective HRR testing via tissue and ctDNA testing<sup>11</sup>
- Primary endpoint: radiographic progression free survival
- Key secondary endpoints: Overall survival, time to first subsequent therapy, time to second progression or death



a potential new standard of care

- Clinically meaningful and consistent efficacy across subgroups
- Despite OS immaturity, strong secondary endpoint results provide confidence
- Class-leading tolerability full 300mg
   Lynparza dose in combination with abiraterone
- Quality of life maintained, allowing adoption of upfront combination therapy

8.2-month median rPFS benefit over abiraterone alone



<sup>1.</sup> Beltran H, Beer TM, Carducci MA, et al. *Eur Urol*. 2011;60(2):279-290. 2. Sciarra A, Salciccia S. *Eur Urol*. 2014;65(5):905-906. 3. Sartor O, de Bono JS. *N Engl J Med*. 2018;378(7):645-657. 4. Cancer of the Prostate - *Cancer Stat Facts*. *SEER*. Accessed November 6, 2019. 5. Kelly WK et al. *J Clin Oncol*. 2012;30:1534–40. 6. Quinn DI et al. *Lancet Oncol*. 2013;14:893–900. 7. Araujo JC et al. *Lancet Oncol*. 2013;14:1307–16. 8. Ryan CJ et al. *N Engl J Med*. 2014;371:424–33. 10. Shore ND et al. *Adv Ther*. 2021;38:4520–40. 11. Tumour tissue and blood samples were collected at baseline for biomarker tests. HRRm status was determined using a tumour tissue test (FoundationOne®CDX) and/or a circulating tumour (ctDNA) based test (FoundationOne®Liquid CDx test).

# PROpel: a new treatment approach in 1st-line mCRPC

1st-line metastatic castration-resistant prostate cancer (mCRPC) - US patients

NHA naïve ~50%

Other (~25%)

Receiving NHA (~75%)

Receiving NHA (~55%)

Other (~45%)

Overall, ~65% of 1st-line mCRPC patients receive an NHA today

*Lynparza* + abiraterone (PROpel)<sup>1</sup>

Lynparza and abiraterone demonstrates a clear clinical benefit vs. abiraterone alone in first line patients who are NHA naïve

For NHA experienced patients, *Lynparza* and abiraterone offers **a well tolerated**, **chemo-free treatment option** 



A clear option for NHA-naïve patients regardless of HRRm status

The first combination trial to demonstrate consistent clinical benefit in 1st-line mCRPC



HRRm 20-30%

2

HIMALAYA & TOPAZ-1



#### TOPAZ-1 has the potential to become the first-ever IO therapy available for first-line, advanced biliary tract cancer patients

#### Lack of innovation in biliary tract cancer

#### 10+ years

without innovation on top of standard of care

5% to 15%

of all patients with BTC surviving only five years<sup>1</sup>

**75%** 

of BTC patients present with advanced, unresectable BTC<sup>2</sup>

~ **50,000** people in the US, Europe and Japan and about **210,000** people worldwide are diagnosed with BTC each year<sup>3</sup>

#### **TOPAZ-1** has practice-changing potential

• Trial stopped early at an interim analysis due to clear efficacy, with almost



patients alive at two years versus one in 10 on chemotherapy alone

 Potential new standard of care in this historically underserved cancer

Regulatory submissions in H1 2022

• Safety: no AE-related increase in discontinuations

First IO therapy to demonstrate long-term survival in first-line advanced BTC



### HIMALAYA – an innovative IO regimen delivering survival benefit to patients with advanced, unresectable hepatocellular carcinoma

#### Large unmet need in liver cancer

#### 3rd

leading cause of cancer death worldwide<sup>1</sup>

7%

five-year survival in advanced HCC<sup>2</sup>

#### At least 40%

of treatment eligible first-line advanced HCC patients are at risk of bleeding<sup>3</sup>

~80,000 people in the US, Europe and Japan and **260,000** people in China present with advanced, unresectable HCC each year<sup>4</sup>

#### **Innovative STRIDE regimen** with tremelimumab

- First IO+IO combination in firstline advanced, unresectable HCC
- Only Phase III trial to show benefit of single, priming dose of CTLA-4
- Impressive three-year landmark OS data with almost



patients alive at three years on STRIDE regimen versus one in five on sorafenib

#### Clear efficacy, safety and simplicity for patients

- *Imfinzi* monotherapy noninferior to sorafenib, with numerical advantage in OS
- No increased bleeding risk or severe liver toxicity seen in trials
- Exceptional safety profile

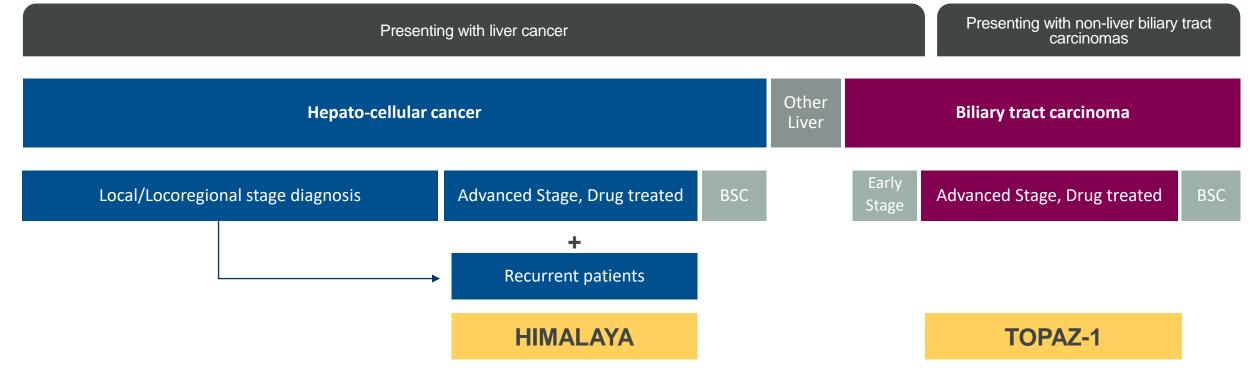
Regulatory submissions in H1 2022

**IO-only combination strategy** simplifies patient management



# Liver cancer: HIMALAYA & TOPAZ-1 extending survival in hard-to-treat GI cancers







3

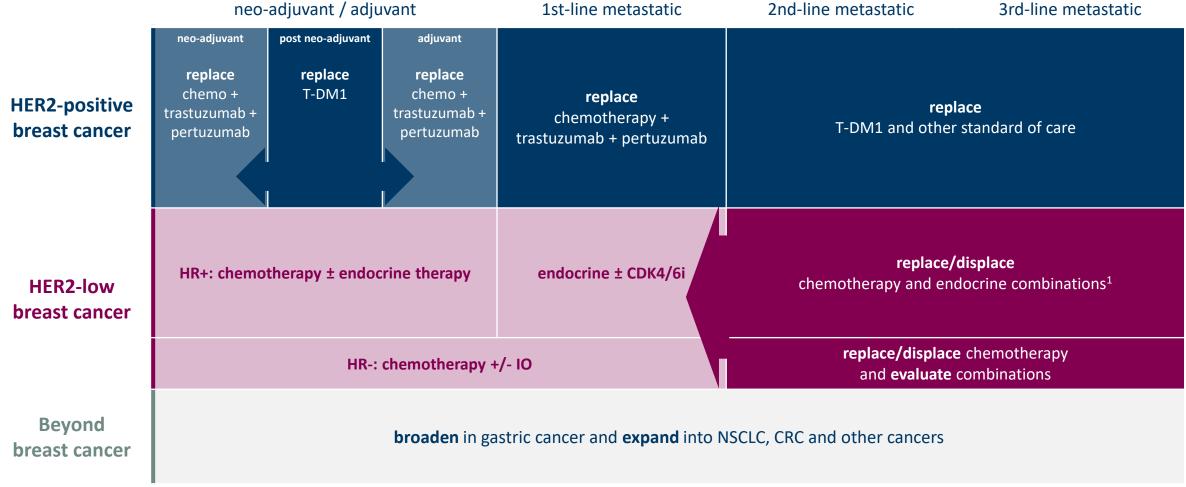
DESTINY-Breast04



#### Enhertu in breast cancer and beyond

#### Opportunities across treatment settings







## Enhertu: an extensive clinical development programme

#### Focusing on HER2+ and HER2-low breast cancer and other cancers



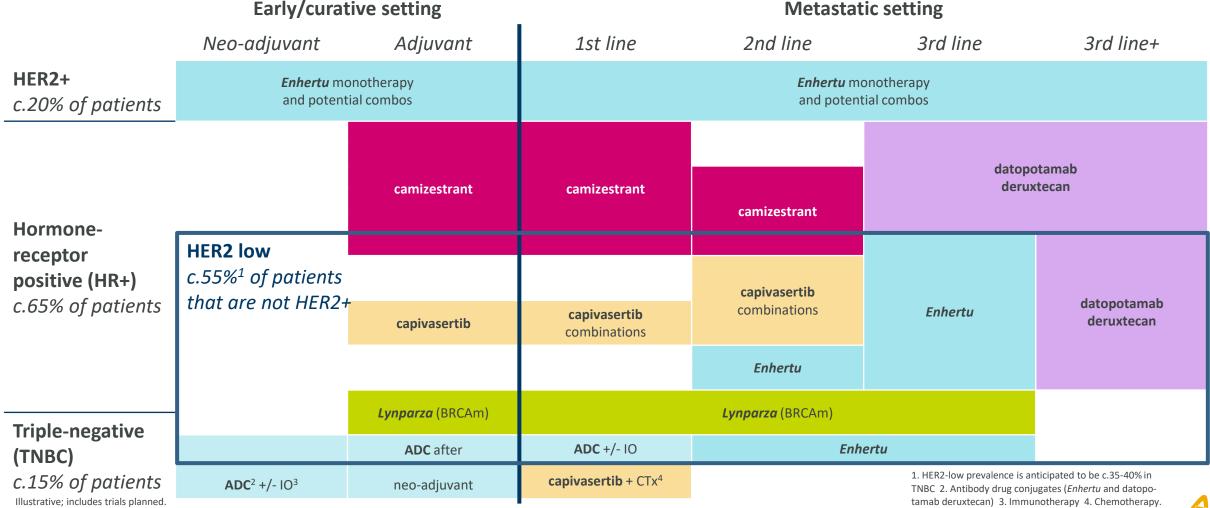
		Post-neoadjuvant/ Adjuvant	1st line	2nd line	3rd line+
_		DESTINY-Breast05 Ph III	DESTINY-Breast07 Ph lb/II (Part 2)	DESTINY-Breast03 Ph III	DESTINY-Breast01 Ph II
cancer	HER2+		DESTINY-Breast09 Ph III		DESTINY-Breast02 Ph III
t ca				DESTINY-Breast07 Ph lb/II (Part 1)	
Breast (	eas		BEGONIA Ph II	DESTINY-Breast06 Ph III	DESTINY-Breast04 Ph III
<u> </u>	HER2 Low				
	I				
Gastric cancer +			DESTINY-Gastric02 Ph II	DESTINY-Gastric01 Ph II	
		DESTINY-Gastric06 Ph II			
G es					
Tung, CRC and other cancers  HER2 mutated  HER2 expressing		DESTINY-Lung04 Ph III	DESTINY-Lung02 Ph II		
			DESTINY-PanTumor01 Ph II		
			DESTINY-Lung01 Ph II		
			HUDSON Ph II		
Lun	HER2 expressing			DESTINY-PanTumor02 Ph II	DESTINY-CRC01 Ph II
			DESTINY-Lung03 Ph Ib		DESTINY-CRC02 Ph II



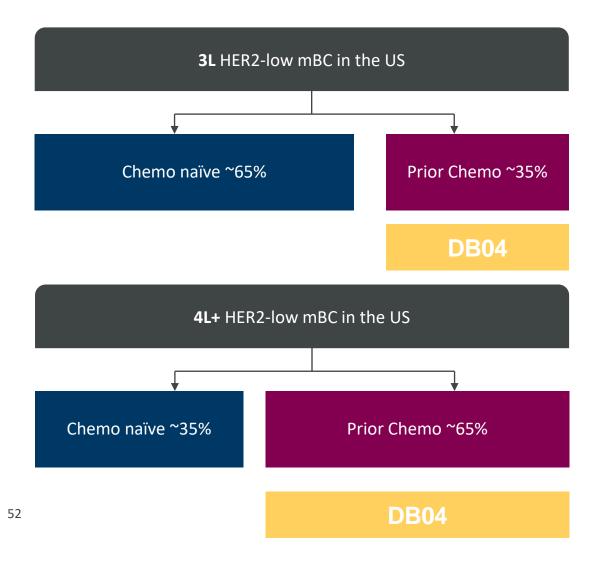


## Breast cancer: well-positioned with at least six medicines Potential to cover most patients across settings and lines of treatment





#### DESTINY-Breast04





DB04 population equates to a treated patient population of around half all 3L+ patients

DB06 includes chemo naïve patients in 2L/3L+



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