



Meet GSK management
Getting ahead of respiratory diseases
Interactive event for investors and analysts. This webinar is being recorded.

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A number of adjusted measures are used to report the performance of our business, which are non-IFRS measures. These measures are defined and reconciliations to the nearest IFRS measure are available in the Q3 2023 earnings release and Annual Report on Form 20-F for FY 2022.

All guidance, outlooks, ambitions and expectations should be read together with the guidance, assumptions and cautionary statement in the Q3 2023 earnings release and the 2022 Annual Report.

Basis of preparation: On 18 July 2022, GSK plc separated its Consumer Healthcare business from the GSK Group to form Haleon, an independent listed company. Comparative figures have been restated on a consistent basis. Earnings per share, Adjusted earnings per share and Dividends per share have been adjusted to reflect the GSK Share Consolidation on 18 July 2022.

Today's speakers



Dr Tony Wood
Chief Scientific Officer



Luke Miels
Chief Commercial Officer

GSK prevents and treats disease in four core therapy areas

Vaccines

Specialty

General Medicines

Infectious Diseases

Pioneering novel platform technologies to help prevent and treat seasonal respiratory viruses, bacterial, fungal and chronic viral infections

HIV

Novel treatment and prevention options to significantly improve the patient experience

Respiratory/ Immunology

Reduce signs and symptoms of disease, address treatment resistance, and slow disease progression

Oncology

Seeking solutions for blood and women's cancers and breakthroughs in immuno-oncology

Enabled by advanced technology and data platforms with targeted business development

Today's focus

- Our **expertise in Respiratory**
- Our **treatment approach** from symptom control to disease modification
- The importance and **updated potential of IL-5, Nucala** and depemokimab
- Market potential of Refractory Chronic Cough (RCC) and **camlipixant's differentiation**
- Key respiratory data **readouts 2024-2026+**

Leader in respiratory prevention and treatment for decades

Best-in-class vaccines and medicines; innovative and easy-to-use devices

Innovator of small molecules in easy-to-use devices

- **1969: Ventolin:** 1st selective SABA¹ for asthma
- **1998: Seretide/Advair:** 1st ICS/LABA² combination for asthma
- **2013: Anoro:** 1st LABA/LAMA³ for COPD⁴
- **2017: Trelegy:** 1st single once-daily ICS/LABA/LAMA combination inhaler launched for COPD

Best-in-class biologic reducing need for oral steroids

Nucala: 1st mAb⁵ that targets IL-5⁶ for

- **2015:** severe asthma
- **2017:** eosinophilic granulomatosis with polyangiitis (EGPA)
- **2020:** hypereosinophilic syndrome (HES)
- **2021:** chronic rhinosinusitis with nasal polyps (CRwNP)

Leader in seasonal respiratory infection

- **Arexvy:** 1st for the prevention of lower respiratory tract disease (LRTD) caused by respiratory syncytial virus
- **Fluarix:** influenza can result in serious complications, hospitalisation, and death
- **COVID-19:** a neutralising monoclonal antibody used to treat COVID-19

Next-wave of treatment innovation and long-acting options

- **Nucala (lifecycle innovation):** 1st mAb that targets IL-5 for COPD
- **depemokimab:** 1st long-acting mAb that targets IL-5 for severe asthma
- **depemokimab (lifecycle innovation):** 1st long-acting mAb that targets IL-5 for EGPA, HES, CRwNP
- **camlipixant:** best-in-disease P2X3 for refractory chronic cough

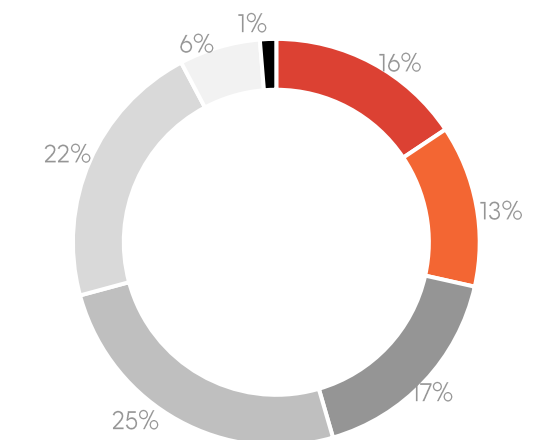
Delivering competitive growth at scale

Respiratory medicines and vaccines ~38% of 2022 sales

Sales from respiratory vaccines and medicines^{1,2}

£11bn

+8% CAGR³

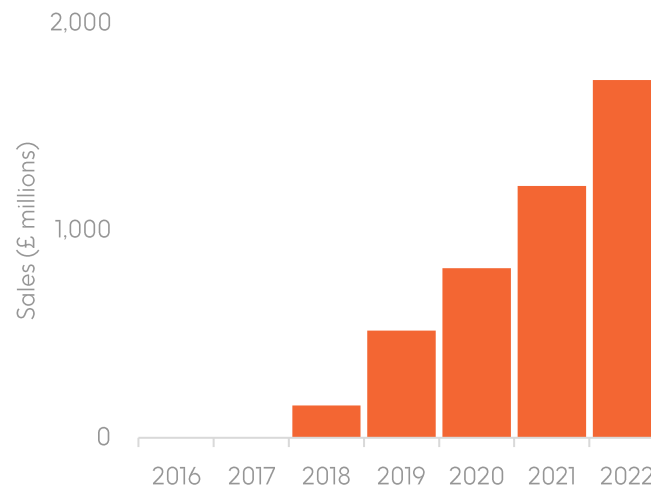


- Trelegy
- Nucala
- Ellipta portfolio
- Established respiratory
- COVID-19
- Fluarix
- Other

Trelegy sales¹

£1.7bn

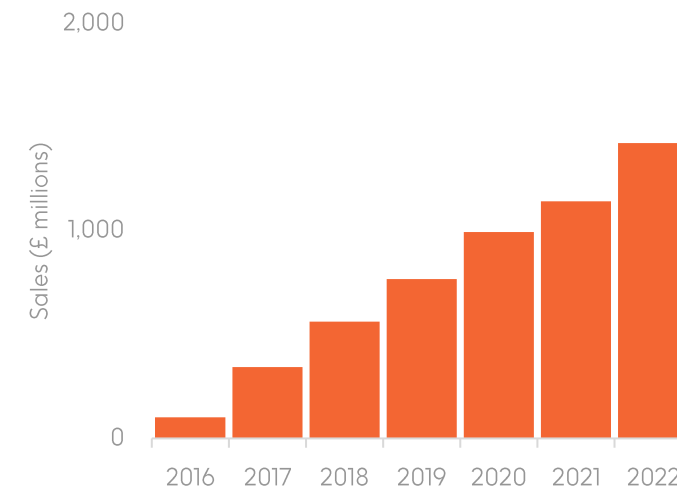
+32% CER⁴



Nucala sales¹

£1.4bn

+18% CER⁴



To treat respiratory disease remains an area of high unmet need

A significant and growing burden to patients and society

Asthma

~315 million

individuals suffering from asthma worldwide
50-70% have eosinophilic asthma¹

Market opportunity: £11bn by 2030²

Chronic obstructive pulmonary disease

~212 million

individuals suffering from COPD worldwide
37% have an eosinophilic phenotype

Market opportunity: £4bn by 2030²

Chronic rhinosinusitis with nasal polyps

>0.5 million

diagnosed cases in the US
90% of recurrent patients have an eosinophilic phenotype³

Market opportunity: £2bn by 2030²

Refractory chronic cough

~28 million

individuals diagnosed worldwide
~10 million individuals with RCC >1 year⁴

Market opportunity: £4bn by 2030²

Advancing treatment goals to clinical remission

Ambition to prevent and treat respiratory diseases by reducing signs and symptoms, addressing treatment resistance and slowing disease progression

Example: clinical remission in asthma



Past

Bronchodilation and symptom control



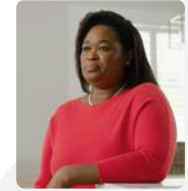
Present

Exacerbation reduction



Tomorrow

Clinical remission



Future

Clinical remission leading to disease modification

Four components of clinical remission

- Exacerbation free
- OCS free
- Symptom control
- Stabilised lung function

Aspiring to achieve
clinical remission in
specific types of severe
asthma



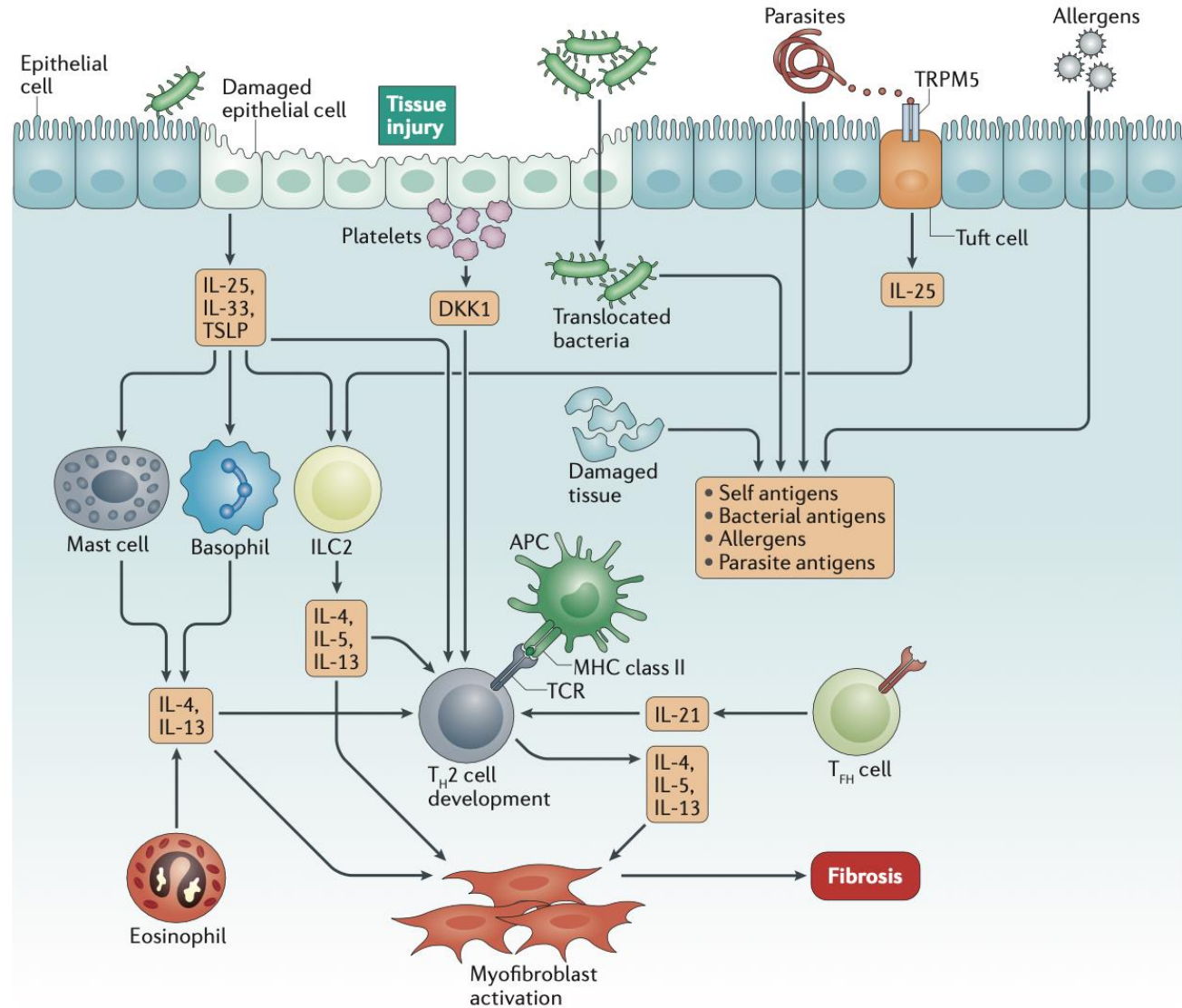


Understanding the biological effects of IL-5

IL-5 plays a broad role beyond eosinophilic inflammation

Eosinophils and IL-5 play a central role in controlling inflammation and its healthy resolution

Eosinophils are a key driver of T2 inflammation; IL-5 is a key cytokine for type 2 processes



Nucala sustained clinical remission in real-world evidence studies

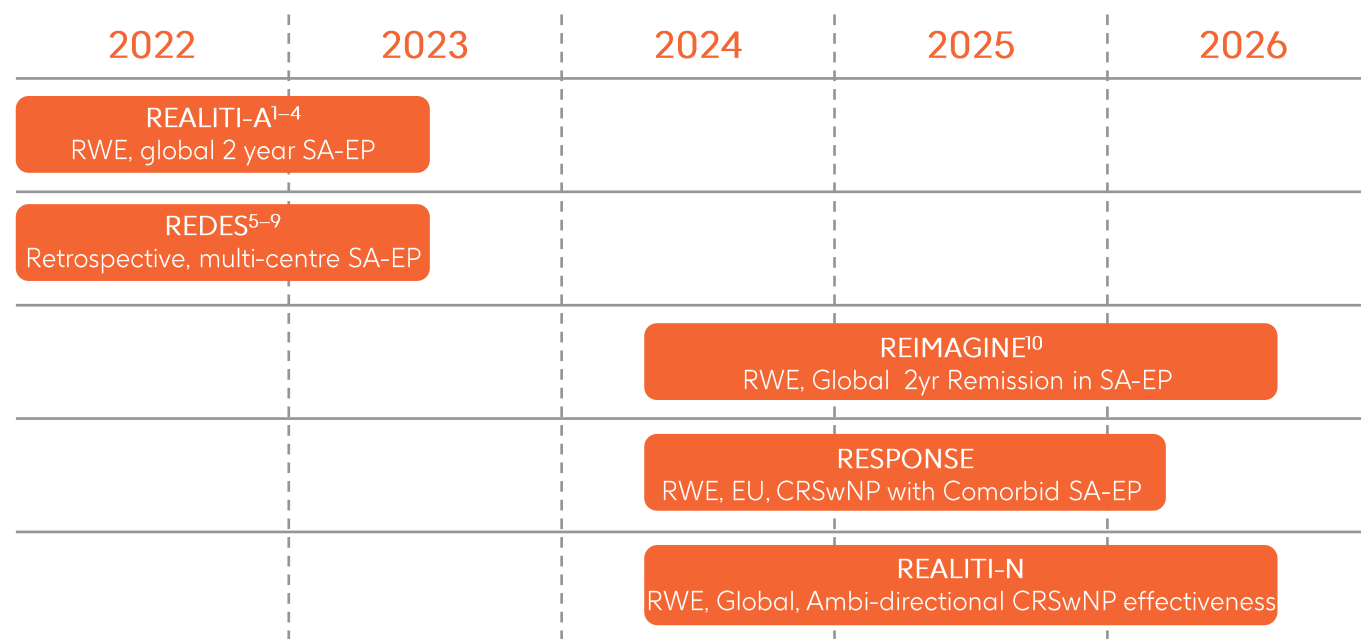
Comprehensive clinical programme to generate evidence

REALITI-A

37%

Demonstrated that 37% of patients achieved four-component clinical remission at 104 weeks assessed in post-hoc analysis in patients with severe asthma^{*,1}

Forthcoming prospective studies examining clinical remission



Leading the science in COPD with an eosinophilic phenotype

MATINEE redesign increases chances of success for depemokimab COPD trials

Nucala's METREX/METREO phase III trials helped inform future development

- Provided **first demonstration of efficacy** with a biologic in COPD
- The risk of moderate/severe exacerbations **reduced by 24%** in patients stratified by blood eosinophils ≥ 300 cells/ μ L

MATINEE phase III patient population

- **Stricter eosinophil entry criteria** with elevated eosinophil counts
- **No history of asthma**
- Studying a **broad population** of chronic bronchitis and emphysema

H2 2024: MATINEE phase III data readout (COPD)



Depemokimab

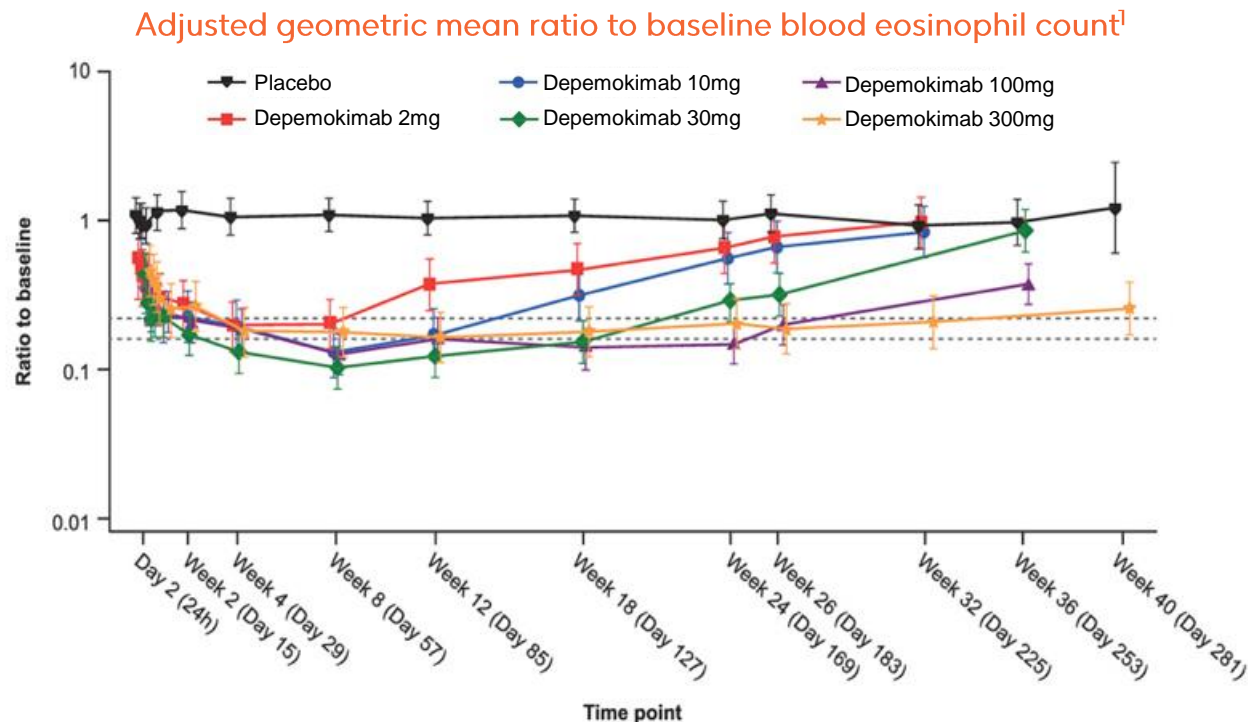
Potential best-in-class next-generation IL-5 treatment for eosinophilic-led disease

Depemokimab: next generation IL-5 enabling twice-yearly dosing

Development acceleration delivers lifecycle innovation in two versus seven years

Enhanced binding and longer half-life enable less frequent dosing

- Progressed directly from phase I to III based on published PK/PD modelling of eosinophil reduction
- Engineered specifically for higher potency, longer binding affinity, and improved dosing interval



Four indications in simultaneous phase III clinical development

H1 2024

SWIFT 1 and SWIFT 2

Phase III data readout (asthma)

H2 2024

ANCHOR 1 and ANCHOR 2

Phase III data readout (CRSwNP²)

2025+

NIMBLE

Phase III data readout (asthma)

OCEAN

Phase III data readout (EGPA³)

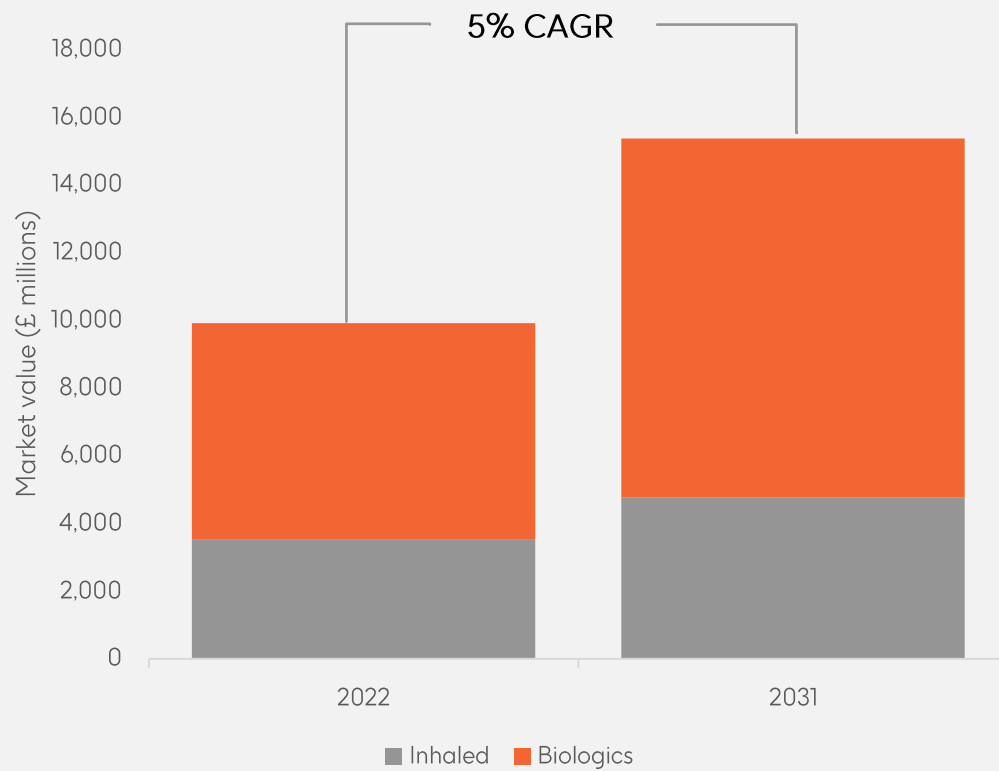
DESTINY

Phase III data readout (HES⁴)

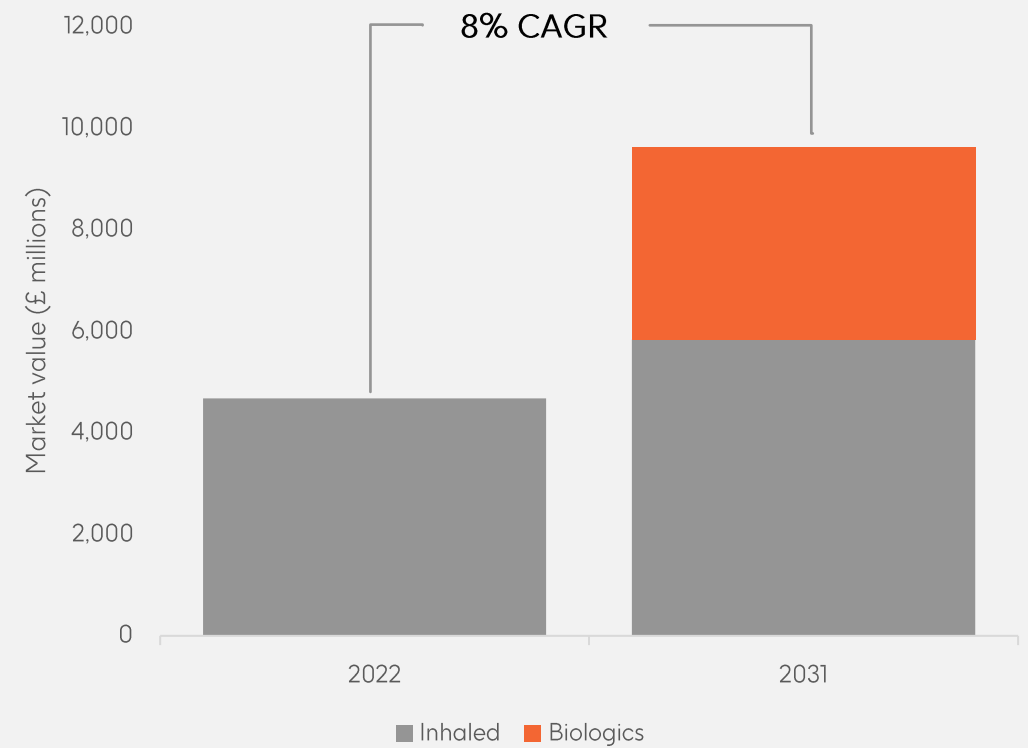
High economic burden and a clear unmet medical need

Increased biologic use in respiratory will drive further market expansion

Asthma



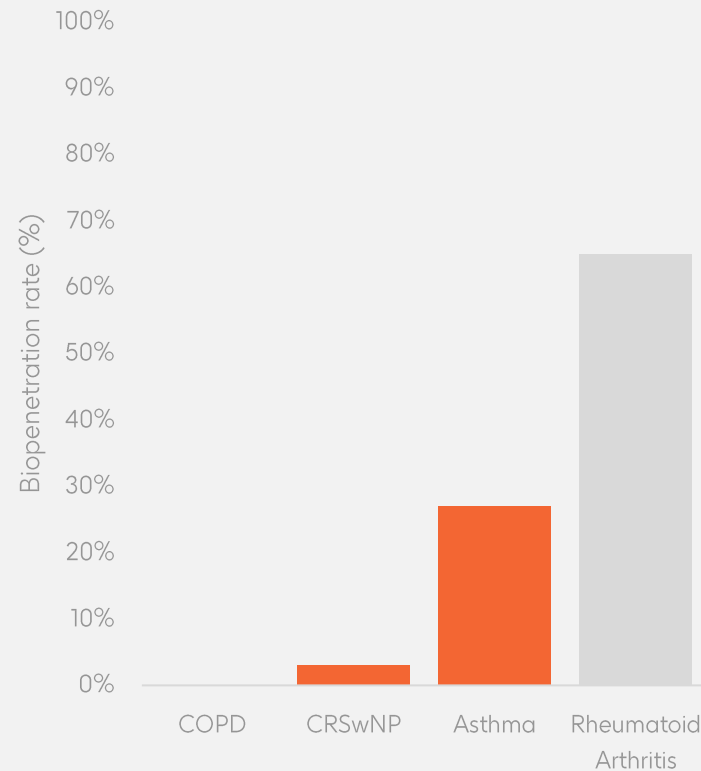
COPD¹



Depemokimab: improved real-world efficacy with improved dosing

Providing benefits for patients, payers and physicians

Low levels of bio-penetration today¹



Expected benefits of depemokimab will drive biologics growth

Efficacy

- Improved real-world efficacy outcomes
- First clinical studies to include clinical remission prospective outcomes

Real World Experience

- Analogues show that 6m dosing improves compliance²
- Autoimmune diseases analogues suggest +25% in adherence³
- Other long-term condition analogues suggest +37% increase in persistency⁴

Patient Benefit³

- Reduced HCP visits from up to 12 to 2 per year⁵
- Reduced patient burden and impact on lifestyle with fewer injections
- Low co-pay burden for majority of patients

Payer Administration⁴



- Less wastage from patient mishandling and shipment
- Reduced reimbursement administration burden for HCPs⁷ and patients through Part B

Focused development to drive breadth of indications in two years

Indication	<i>Nucala</i>	depemokimab	benralizumab	tezepelumab	dupilumab
Severe eosinophilic asthma	✓	Phase III	✓	✓	✓
CRSwNP ¹	✓	Phase III	2025	2025	✓
EGPA	✓	Phase III	2024		
HES	✓	Phase III	2025		
COPD	Phase III	Investment decision pending	2026	2028	2024



1. Differences in CRWwNP data; pre-surgery: dupilumab, tezepelumab, depemokimab; post-surgery: *Nucala*, benralizumab, tezepelumab, depemokimab.

 GSK has launched
 Competitor has launched
YEAR Anticipated launch

Depemokimab: high HCP willingness to prescribe, strong patient preference

Physician Belief

73% physicians believe a 6-month biologic for asthma would be highly 'beneficial'¹

Physician Prescribing

57% of HCPs would consider prescribing depemokimab to bio naïve patients²
66% of HCPs would consider switching patients from current treatment to depemokimab²

Patient Preference

6 out of 10 patients say a 6-monthly injection would make it easier to manage their asthma³
87% of patients state they would be very/fairly likely to use depemokimab if supported by an HCP⁴

Depemokimab share will come from all biologics¹

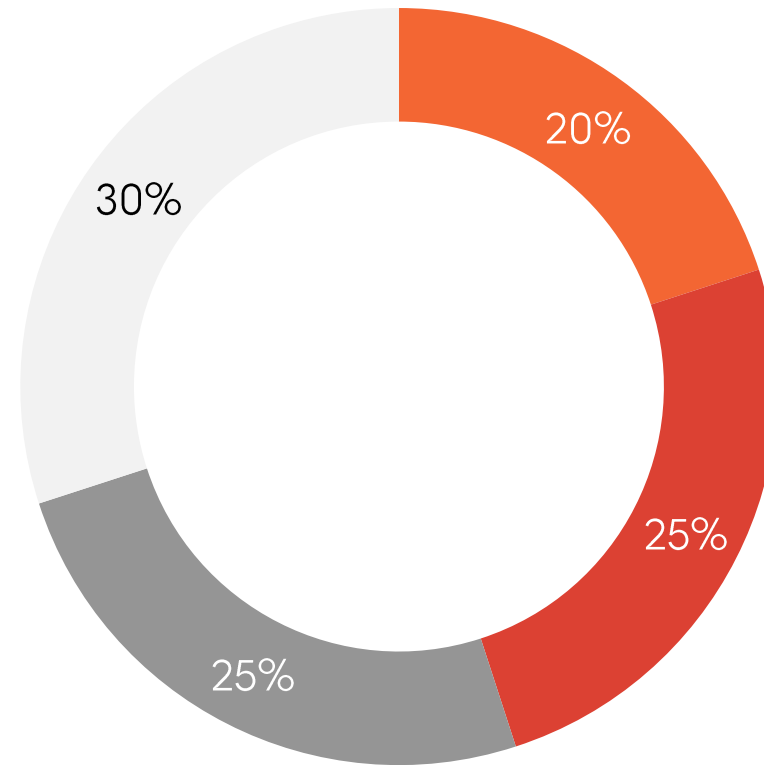
Source of business

HCPs believe that depemokimab would expand bio-penetration

Eligible patients

20%

who don't get a biologic today would be prescribed one if depemokimab were available²



■ New biologic patients ■ Nucala ■ IL-5 class competitor ■ Other classes

Depemokimab: increased sales potential from £1-2 billion

Upgrading sales expectations

depemokimab

>£3bn

in peak year sales¹

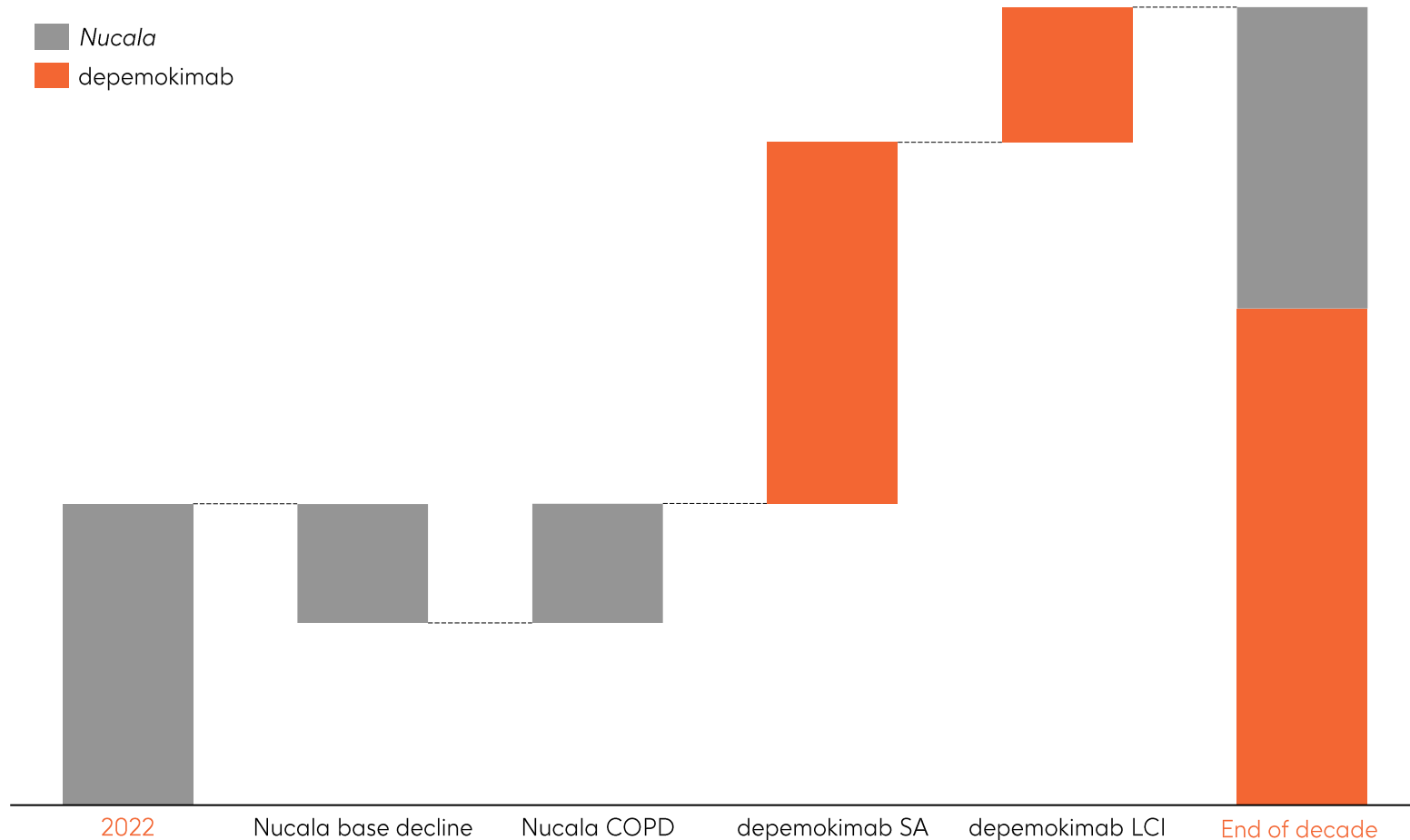
- Accelerated lifecycle innovation includes potential launches for four indications between 2026 and 2027
- Twice-yearly dosing leads to increased bio-penetration and market expansion
- 2/3rds sales contribution by 2031

IL-5 medicines

>£4bn

in total sales²

- *Nucala* COPD to offset base decline





Camlipixant

Potential best-in-disease P2X3 antagonist in phase III development for treatment of refractory chronic cough



Refractory chronic cough patients often experience an emotionally taxing and lengthy journey as they seek to resolve their cough

Refractory chronic cough is a distinct neuropathic disorder

Highly prevalent causing misery, pain, exhaustion, isolation

Patient population¹

~28 million

diagnosed with symptoms >8 weeks



Patient population¹

~10 million

diagnosed with symptoms >1 year

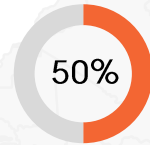


■ CN ■ EU4 ■ US ■ JP

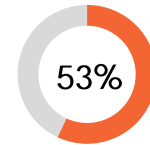
2/3 females aged 50-65 years

Significant patient burden^{2,3,4}

>500 coughs per day



Urinary incontinence



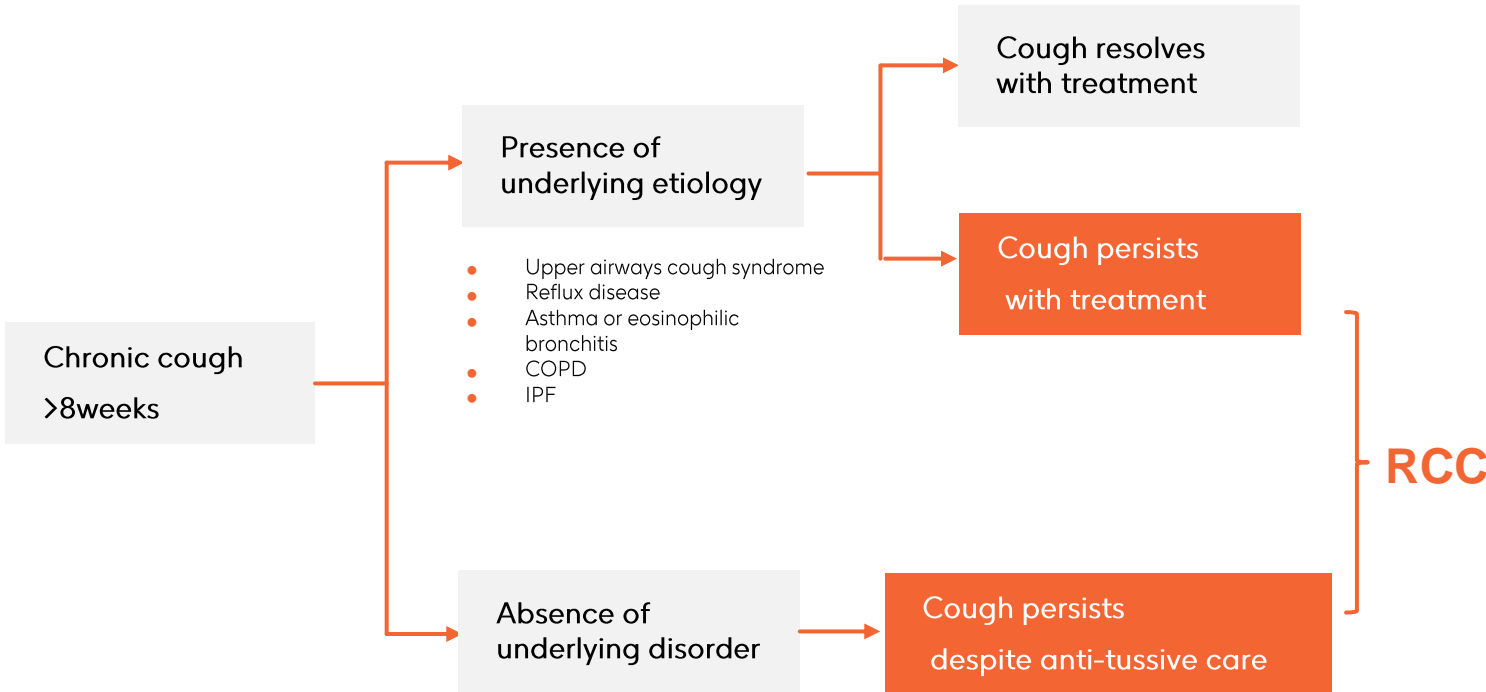
Depression (anxiety, insomnia, isolation)

Patients may vomit, faint, break ribs and rupture organs

Patients have few effective treatments; no licensed targeted therapies*

Cycle through multiple treatments and physicians without resolution

Refractory Chronic Cough (RCC) is a cough that lasts for >8 weeks despite optimal treatment of any underlying conditions^{1, 2, 3}



60% of patients have tried 3+ therapies⁴

- OTC cough suppressants
- Benzonatate
- Gabapentinoids
- Opioids

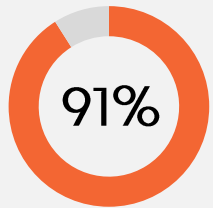
50% of patients have seen 3+ specialists⁴

- Pulmonologists
- Ear, Nose & Throat Specialists
- Gastroenterologists
- Allergists/Immunologists
- GP's/PCPs'

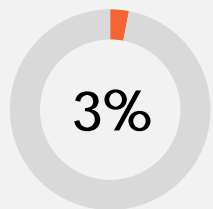
Refractory chronic cough: high burden, low treatment satisfaction

HCP's have a high willingness to prescribe innovative treatments

No standard of care, options today are poor¹



Specialists say RCC is extremely burdensome

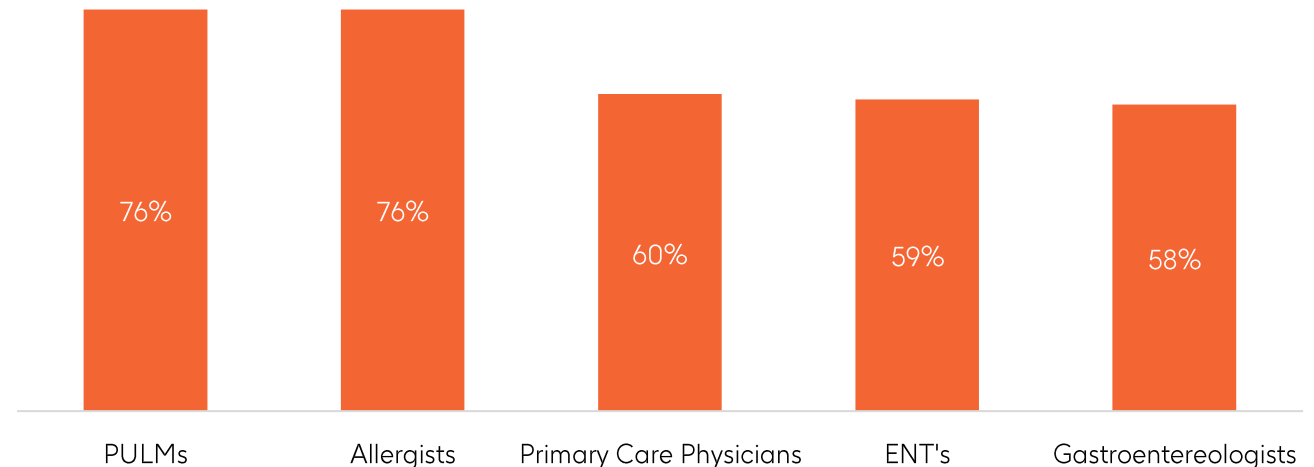


Low HCP satisfaction rate for current RCC treatments

Willingness to try new therapies is high across all stakeholders

Assuming no safety concerns, I will definitely try a new treatment or approach if I believe my Refractory Chronic Cough (RCC) patients may benefit from it, even if I am not fully familiar with it¹

% Agree or Strongly Agree

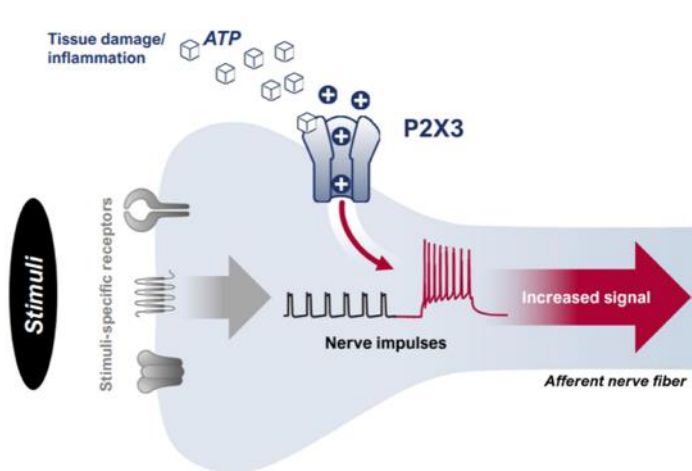


Camlipixant: potential best-in-disease medicine for RCC

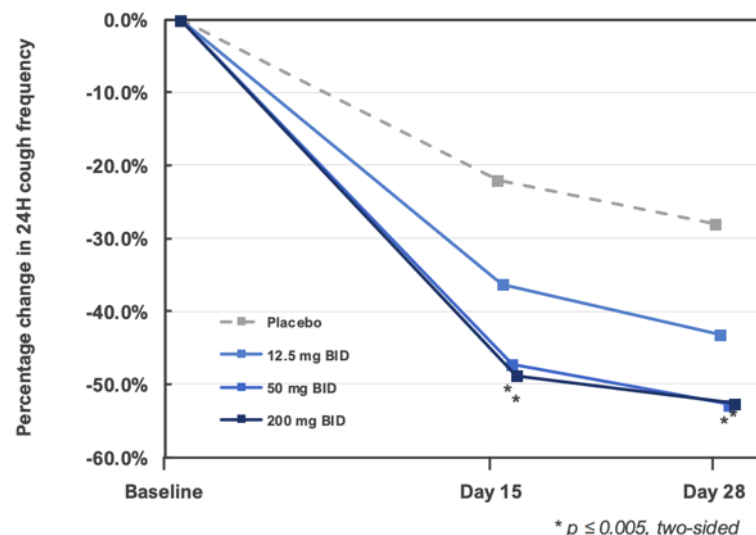
High selectivity for P2X3 drives efficacy with fewer off-target effects

P2X3 selectivity provides potential efficacy & tolerability benefits

- Minimising the urge to cough by antagonising the P2X3 receptor & stopping hypersensitisation^{1,2}
- Highest selectivity for P2X3 leading to potential efficacy benefit & best-in-class tolerability³
- Off-target activity of competitor P2X2/3 heterotrimer causes issues with taste disturbance^{4,5,6}



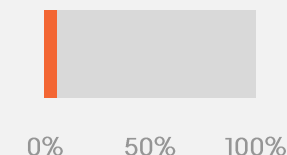
SOOTHE phase IIb trial demonstrated 34% placebo-adjusted reduction from baseline in 24-hour cough frequency⁷



SOOTHE phase IIb trial demonstrated very low taste related adverse events⁸

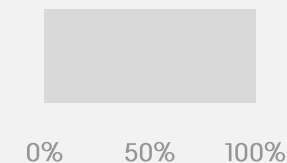
6.5%

Rate of taste-related adverse events



0%

Taste-related discontinuations



Camlipixant: phase III CALM programme, data expected in H2 2025

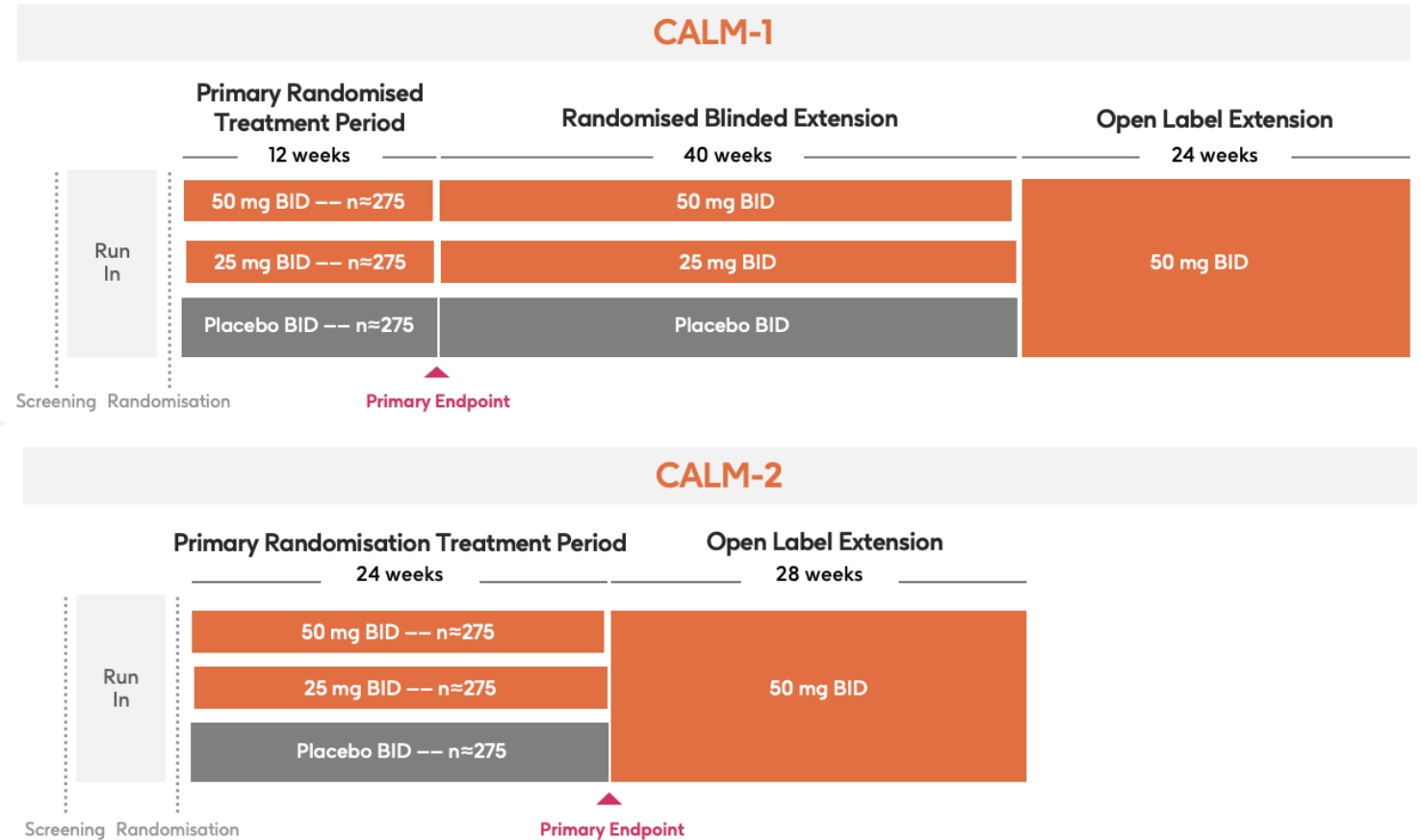
Optimised study design ensures placebo effect and baseline characteristics

Study population and primary endpoint

- Refractory/unexplained chronic cough; Cough ≥ 1 year
- CALM-1 and CALM-2: 825 participants per study
- Endpoints:- 24H cough frequency (CF) at 12-weeks (CALM-1) and 24-weeks (CALM-2)

Important phase III elements

- Patient enrichment with higher baseline cough frequency should likely reduce placebo effect
- Taste-related adverse events is low due to high selectivity, reducing risk of unblinding
- Engaged with US FDA regarding patient-reported outcomes



Camlipixant: strong physician preference versus competition

>£2.5bn PYS driven by leading class share in a large market with high unmet need

Taste disturbance is a significant issue for competitor both in clinical studies and in real world

Competitor P2X2/3 Clinical Studies¹



Competitor P2X2/3 Japanese Real-World Experience²



Dysgeusia is a frequent issue with gefapixant, causing ~20% of patients to discontinue



54% of Japanese HCPs state "taste disturbance" as a barrier to prescribing gefapixant

Strong HCP preference for camlipixant profile versus competitor³

73% believe camlipixant to be best-in-class in Refractory Chronic Cough

85% prefer camlipixant based on "low incidence of taste-related adverse effects (i.e. taste disturbances / complete or partial taste loss)"



Respiratory medicines growth drivers

Nucala (COPD)

~£0.5-1bn

in peak sales¹

- Despite triple therapy utilisation 40% of total COPD patients still exacerbate
- 37% of COPD patients have an eosinophilic phenotype
- 400k eligible population (US)

depemokimab

>£3bn

in peak year sales¹

- Only 28% of eligible US patients currently receive a biologic
- 57% of physicians likely to prescribe depemokimab in bio naïve patients
- 66% likely to switch a patient from their current biologic to long acting
- 87% of patients would likely use based on physicians' recommendation

camlipixant

>£2.5bn

in peak year sales¹

- High prevalence: 28m patients globally – significant burden and unmet medical need
- ~70% of HCPs willing to try a new treatment
- ¾ of HCPs expect camlipixant to be best-in-disease
- 85% prefer camlipixant due to low taste impact

Forthcoming catalysts

H1 2024

H2 2024

2025

2026+

Nucala

MATINEE

Phase III data readout (COPD)

Regulatory decisions

Japan (CRSwNP)
China (severe asthma)

depemokimab

SWIFT 1 and SWIFT 2

Phase III data readout (asthma)

ANCHOR 1 and ANCHOR 2

Phase III data readout (CRSwNP)

NIMBLE

Phase III data readout (asthma)

DESTINY

Phase III data readout (HES)

camlipixant

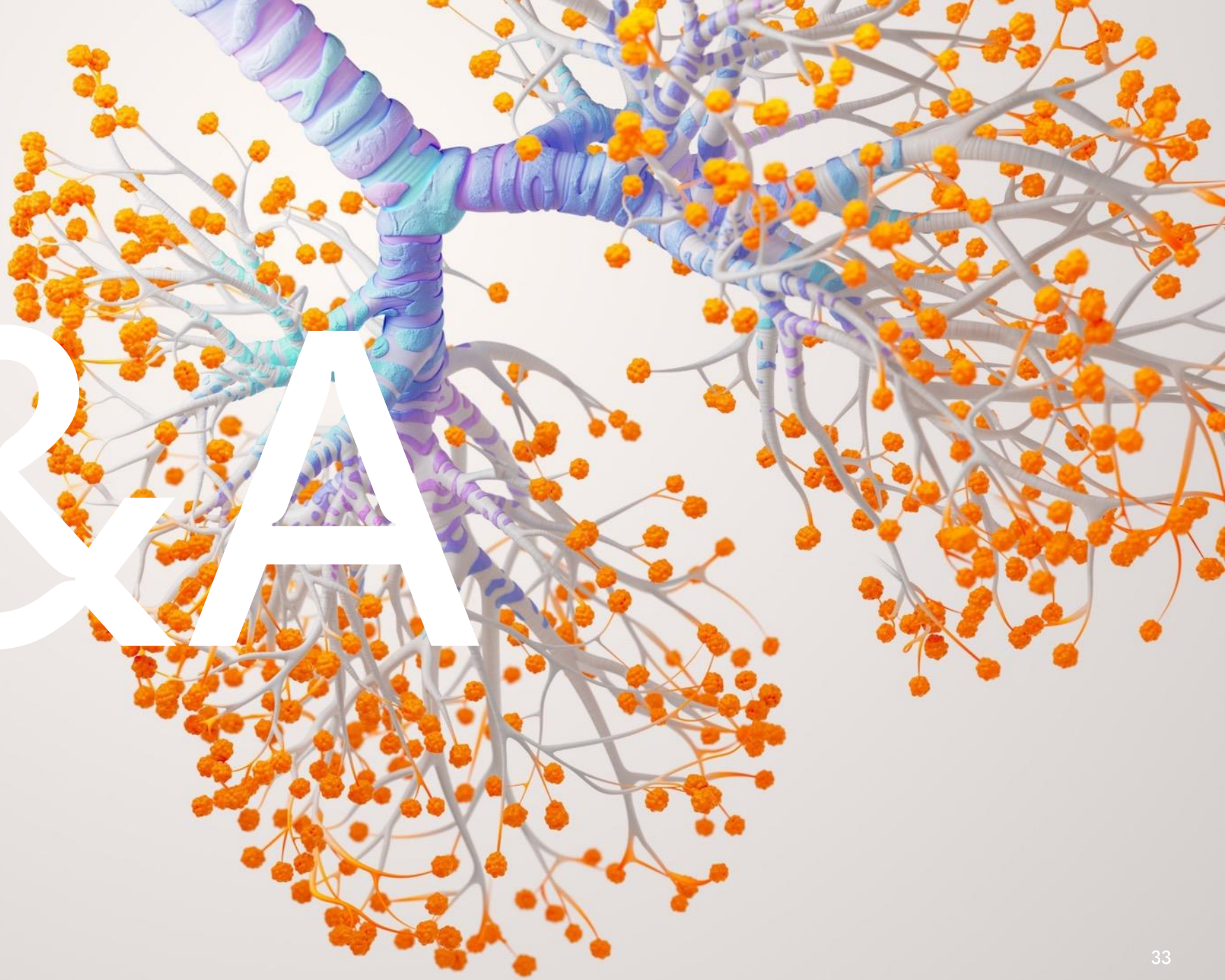
OCEAN

Phase III data readout (EGPA)

CALM 1 and CALM 2

Phase III data readout

Q & A



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