



Corporate overview

DECEMBER 2024

Disclaimers and Forward-looking statements

This presentation contains certain "forward-looking statements" within the meaning of applicable securities laws. Other than statements of historical facts, all statements included in this presentation are forward-looking statements, including statements about our plans for our current and future product candidates and programs, our plans for current and future clinical trials, including a Phase 2 trial of APG 777 in atopic dermatitis, Phase 1b and 2b trials of APG777 in asthma and a trial of APG777 in eosinophilic esophagitis, a Phase 1b trial of APG808 in asthma, a Phase 1 trial for APG990, a Phase 1 trial for APG333, and a clinical trial of the combination of APG777 and APG990; our plans for clinical trial design; the anticipated timing of the initiation of and results from our clinical trials, including data from our Phase 2 trial of APG777 and our Phase 1 trial of APG990; the potential clinical benefit, half-life and dosing regimen of APG777, APG808, APG990, APG333 and any other potential programs, including the combinations of APG777 and APG990, and APG777 and APG333; our expected timing for future pipeline updates; our expectations regarding the time period over which our capital resources will be sufficient to fund our anticipated operations, and estimates of market size. In some cases, you can identify forward-looking statements by terms such as "anticipate," "believe," "can," "could," "design," "estimate," "expect," "intend," "likely," "may," "might," "plan," "potential," "predict," "suggest," "target," "will," "would," or the negative of these terms, and similar expressions intended to identify forward-looking statements. The forward-looking statements are based on our beliefs, assumptions and expectations of future performance, taking into account the information currently available to us. These statements are only predictions based upon our current expectations and projections about future events. Forward-looking statements are subject to known and unknown risks, uncertainties and other factors that may cause our actual results, level of activity, performance or achievements to be materially different from those expressed or implied by such forward-looking statements, including those risks described in "Risk Factors" and "Management's Discussion and Analysis of Financial Condition and Results of Operations" in our Annual Report on Form 10-K for the year ended December 31, 2023, filed with the SEC on March 5, 2024, our Quarterly Report on Form 10-Q for the quarter ended September 30, 2024, filed with the SEC on November 12, 2024, and subsequent disclosure documents we may file with the U.S. Securities and Exchange Commission. Although we have attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking statements, there may be other factors that cause results not to be as anticipated, estimated or intended.

This presentation concerns drug candidates that are under clinical investigation, and which have not yet been approved by the U.S. Food and Drug Administration. These are currently limited by federal law to investigational use, and no representation is made as to their safety or effectiveness for the purposes for which they are being investigated.

The assumptions used in the preparation of this presentation, although considered reasonable by us at the time of preparation, may prove to be incorrect. You are cautioned that the information is based on assumptions as to many factors and that actual results may vary from the results projected and such variations may be material. Accordingly, you should not place undue reliance on any forward-looking statements contained herein or rely on them as predictions of future events. All forward-looking statements in this presentation apply only as of the date made and are expressly qualified by the cautionary statements included in this presentation. We do not undertake to update any forward-looking statements, except in accordance with applicable securities laws.

The trademarks, trade names and service marks appearing in this presentation are the property of their respective owners. Certain information contained in this presentation relate to or are based on studies, publications and other data obtained from third-party sources as well as our own internal estimates and research. While we believe these third-party sources to be reliable as of the date of this presentation, it has not independently verified, and makes no representation as to the adequacy, fairness, accuracy or completeness of, any information obtained from third-party sources.

Apogee plans to transform the standard-of-care for I&I diseases

Novel antibodies engineered against validated targets

- Potential higher exposures and longer half-lives could improve efficacy and transform dosing
- Expected novel IP into the mid-2040s¹

First biotech to pursue combination approaches in the largest I&I markets

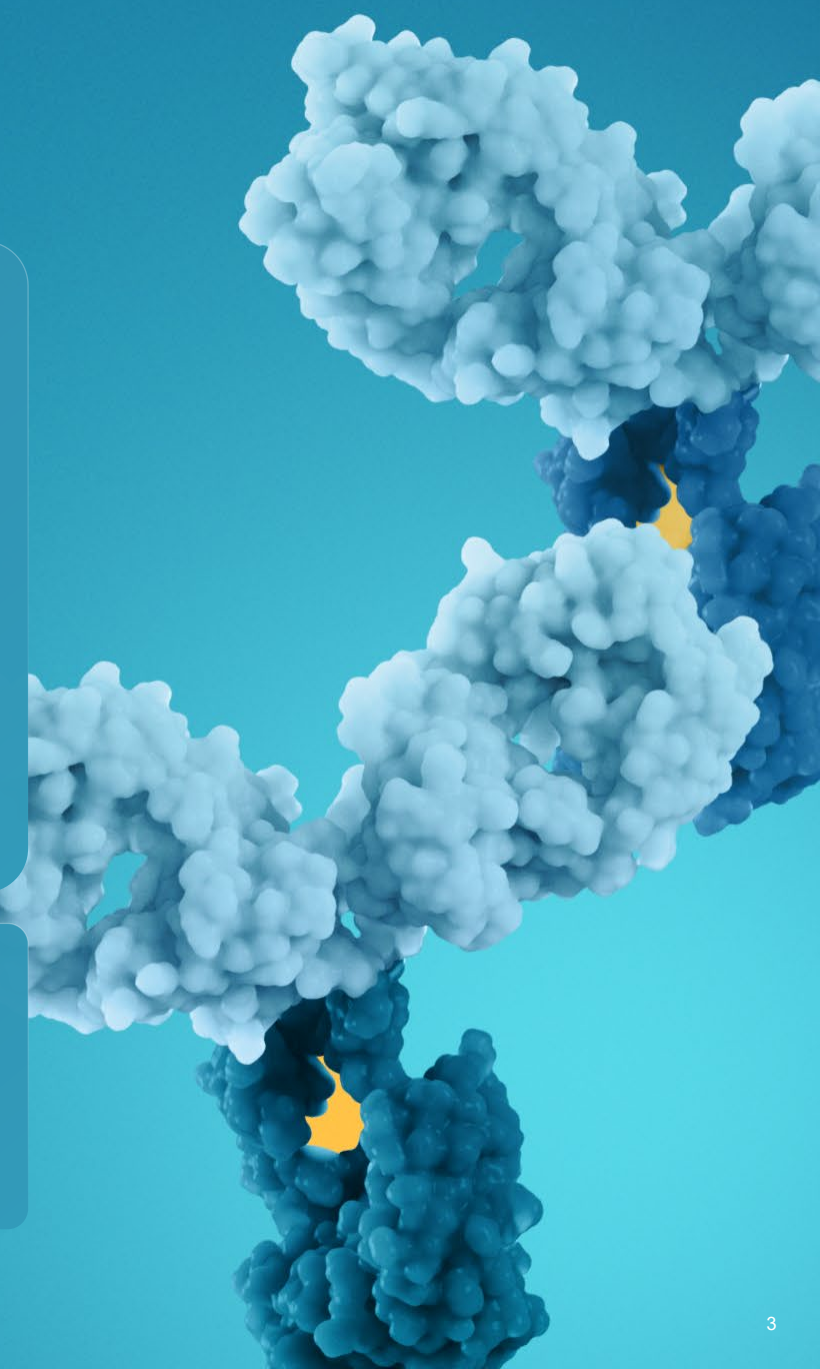
- AD combo trial expected to start 2025, asthma + COPD to follow

Potentially best-in-class therapy for future \$50B+ atopic dermatitis market

- Market leader, DUPIXENT, is dosed every 2 weeks; nearly half of patients discontinue within 2 years
- APG777 Phase 2 Part A could demonstrate best-in-class efficacy signal in mid-2025 with potential for annual dosing

Strong financial position

- \$754m total cash providing expected runway into 2028 with multiple near-term catalysts²



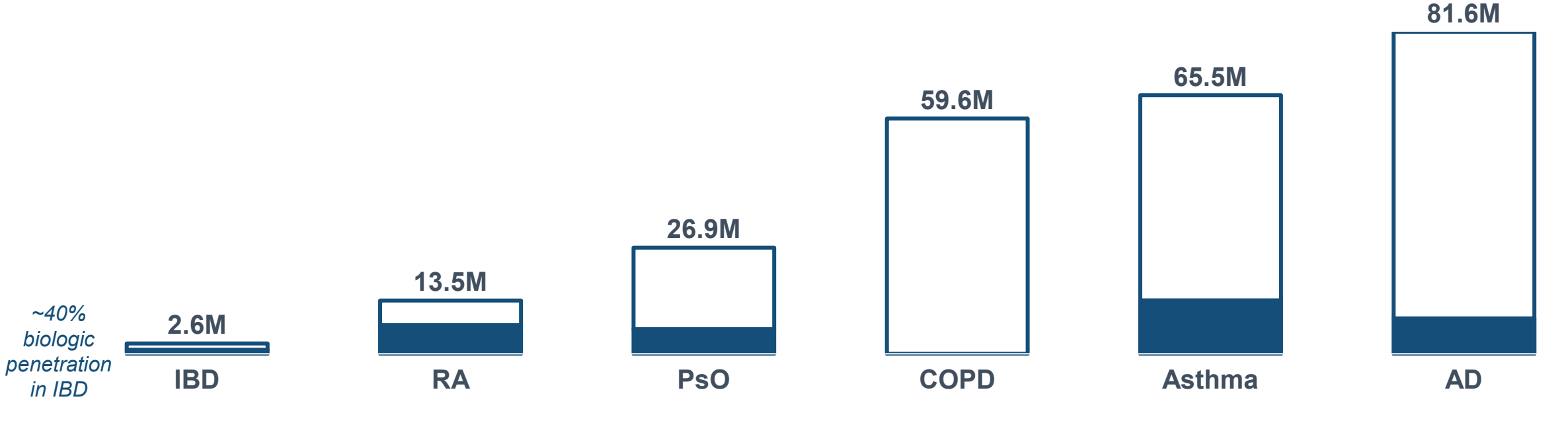
Apogee is focused on the largest I&I markets

Estimated population size. Moderate or severe, WW

US biologics penetration: 0% \longleftrightarrow 60%

Mature I&I markets have **consistently achieved high biologics penetration** (~25-60% after 15-20 years)

Apogee's current indications are the largest and least penetrated markets today



2023 WW Market Size: \$23B

\$26B

\$27B

← Significant future market opportunity →



© Apogee Therapeutics, Inc

NOTE: IBD = Inflammatory bowel disease; RA = Rheumatoid arthritis; PsO = Psoriasis; COPD = Chronic obstructive pulmonary disease; AD = Atopic dermatitis
 SOURCE: Academic journals, disease foundations, WHO, CDC, census data, EvaluatePharma, analyst research.

Apogee's approach is to achieve differentiated efficacy and dosing for validated targets

STRATEGY	PROGRAM	DISCOVERY	PRECLINICAL	PHASE 1	PHASE 2	PHASE 3	
Potential best-in-class monotherapy Higher exposures for better efficacy with less frequent dosing	APG777 (IL-13)	Atopic Dermatitis				Mid-2025: Phase 2 16-week induction PoC readout	
		Asthma				2025: 1H Phase 1b trial initiation 2H Phase 2b trial initiation	
		Eosinophilic Esophagitis				2026: Phase 2 trial initiation	
Potential first- or best-in-class combination approaches	APG777+APG990 (IL-13) (OX40L)	Atopic Dermatitis				2025: Phase 1b PoC trial initiation (against DUPIXENT)	
		APG777+APG333 (IL-13) (TSLP)	Asthma				2025: Additional clinical plan announced
	COPD				2025: Additional clinical plan announced		
APG808 (IL-4R α)		→ Ph1b in asthma readout expected in 1H 2025					
APG990 (OX40L)		→ Phase 1 healthy volunteer trial readout expected in 1H 2025					
APG333 (TSLP)		→ Phase 1 healthy volunteer trial readout expected in 2H 2025					

Apogee's antibodies are engineered for best-in-class properties against validated mechanisms

Platform

Fully optimized antibodies



Improved pharmacokinetics



Validated binding site



Optimized backbone



Enhanced manufacturability

Results

Multiple clinical readouts validate platform and de-risk pipeline

Best-in-class PK (3-5x current treatments)

APG777: ~77-day half-life enables every 3- or 6-month dosing; path to annual dosing
APG808: ~55-day half-life enables up to every 2-month dosing; path to every 3-months

Equivalent potency as leading agents
with expected novel IP to the mid-2040s¹

Improved formulation at high concentration and suitable for coformulation
e.g., APG777 180 mg/mL formulation (40% higher than EBGLYSS) enables higher exposures for potentially greater efficacy; coformulation PoC with APG990 achieved

Improved manufacturability with potential for **low single digit COGS**

Our vision for building a next-gen biotech

APG777 in AD: Best-in-class monotherapy

- Potential megablockbuster in the future \$50B+ AD market
- Accelerated mid-2025 Ph2 POC readout testing higher induction exposures for potentially better efficacy and every 3- or 6-month dosing
- Path to annual dosing

APG777: Pipeline-in-a-product

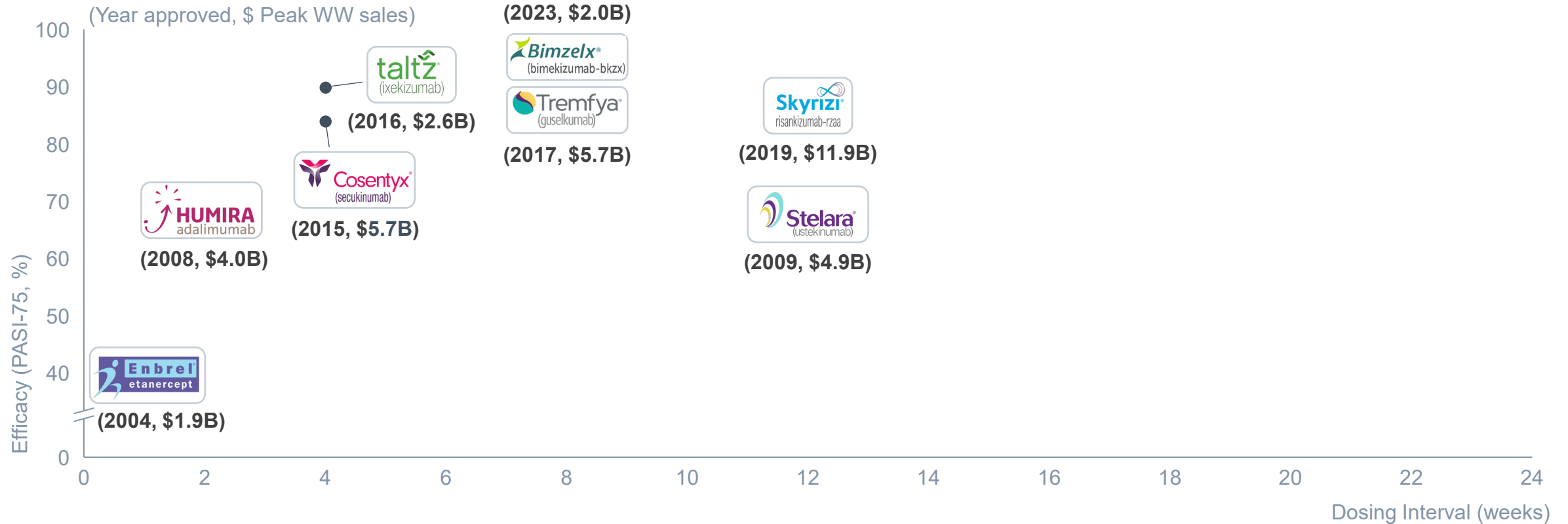
- Path to leadership in 10+ potential expansion indications starting with:
 - Asthma Ph2b initiation expected in 2025
 - EoE Ph2 initiation expected in 2026

Best-in-class combinations

- Potential to break through the monotherapy efficacy ceiling via rational combos
- Combos rapidly advancing behind 777 mono with even greater pipeline-in-a-product potential:
 - 777+990: Ph1b against DUPIXENT initiation expected in 2025; readout expected in 2H 2026
 - 777+333: asthma and COPD clinical planning underway

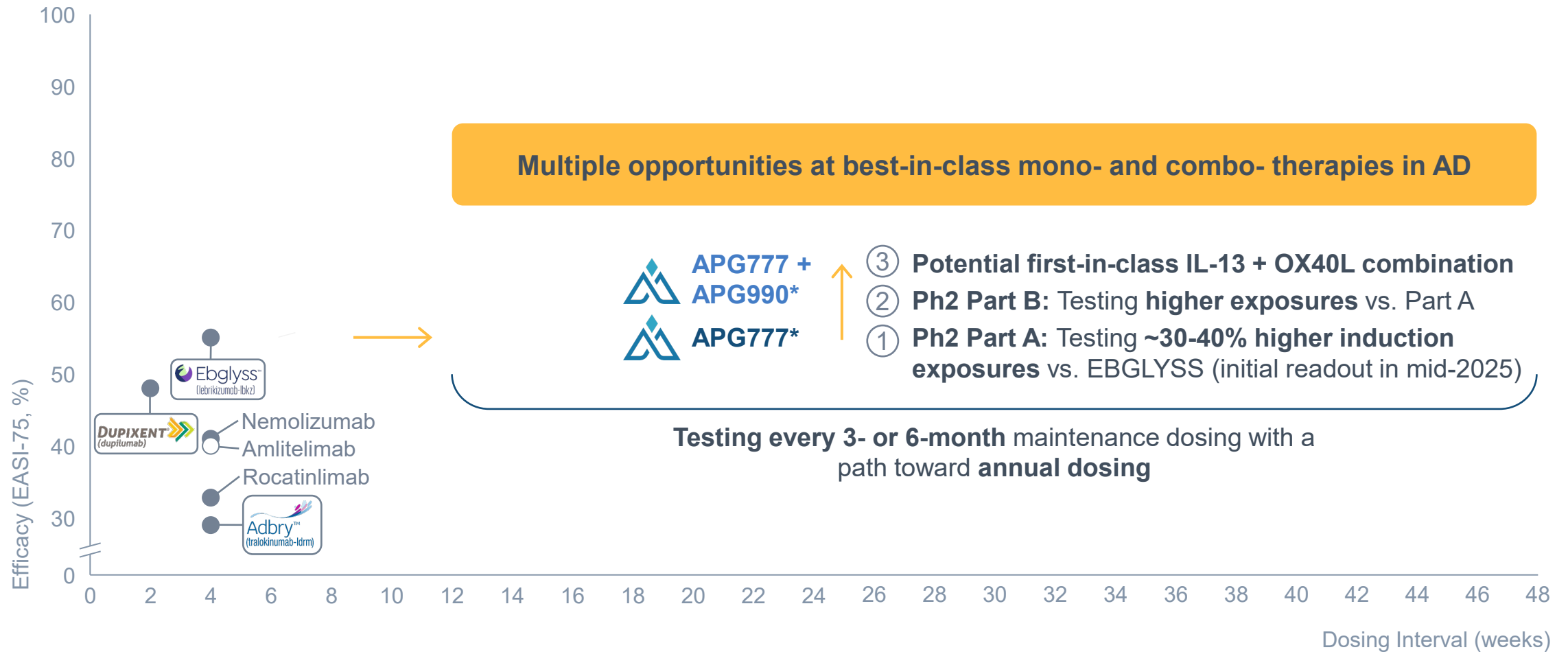
APG777:
**Potential best-in-class
monotherapy in AD**

Psoriasis, a market analog to atopic dermatitis, has seen improved dosing and efficacy drive market success



- Psoriasis is not a winner take all market — 8 blockbusters
- SKYRIZI, a late entrant, has #1 share due to quarterly dosing which improves adherence¹

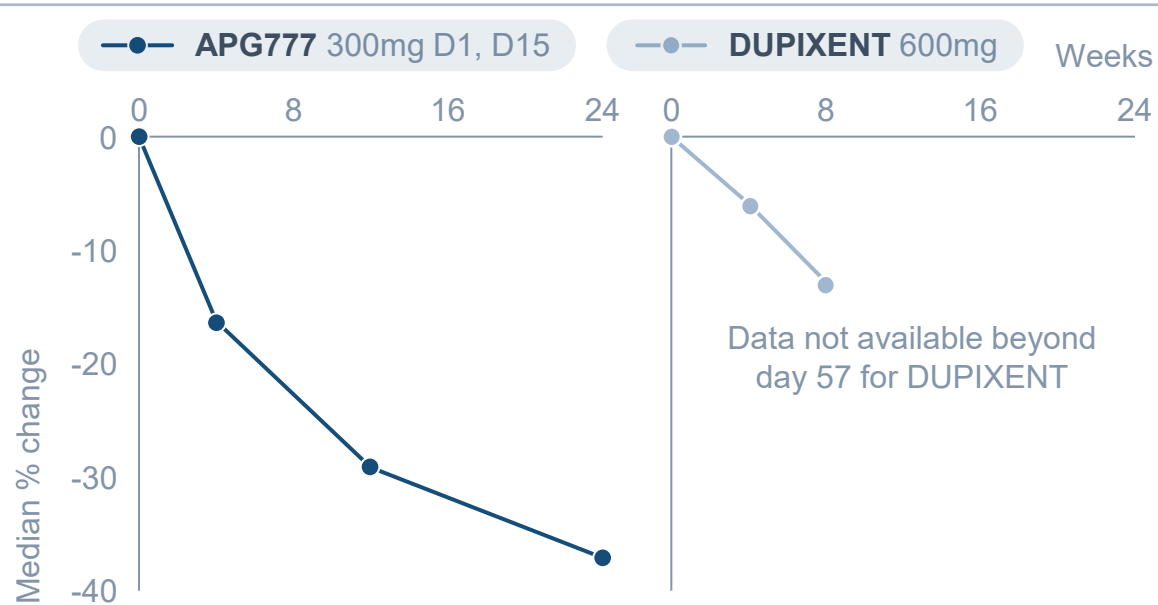
Apogee is potentially the first in atopic dermatitis to provide transformational dosing and efficacy



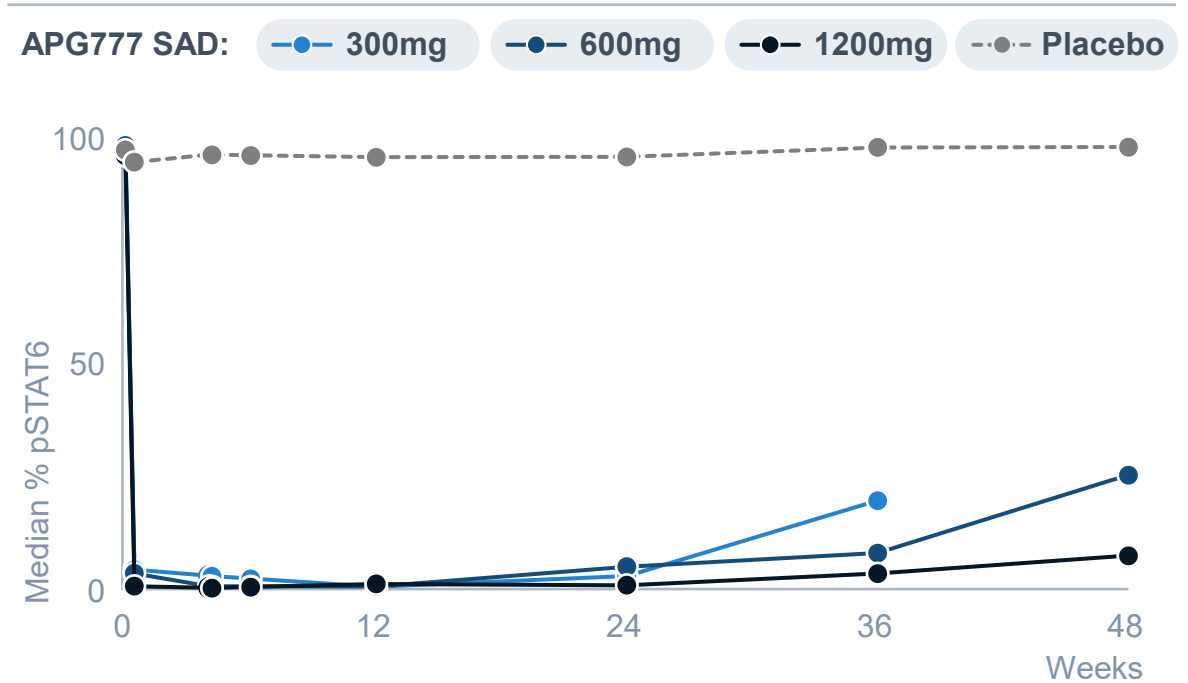
NOTE: *Positioning of Apogee programs is illustrative and based on interim Phase 1 results for APG777 only and illustrates what we believe we can potentially achieve. Only DUPIXENT, ADBRY, and EBGLYSS are approved in the US. Efficacy data are derived from different clinical trials at different points in time, with differences in trial design and patient populations. As a result, cross-trial comparisons cannot be made, and no head-to-head clinical trials have been conducted.
 SOURCE: ¹ EBGLYSS 250mg Q2W Ph3 avg. Silverberg JI et al. AAD 2022. ² DUPIXENT 300 mg Q2W mono Ph3 avg. DUPIXENT USPI. ³ ADBRY 300 mg Q2W mono Ph3 avg. ADBRY USPI. ⁴ Nemolizumab 30 mg Q4W Ph3 avg. Silverberg J et al EADV 2023. ⁵ Rocatinlimab 150mg Q4W Ph2b Guttman-Yassky E et al Lancet 2023. ⁶ Amlitelimab 250mg Q4W Ph2b Weidinger S et al EADV oral presentation 2023.

APG777's optimized PK profile, including 77-day half-life, led to deep and sustained changes in key biomarkers TARC and pSTAT6

Median % changes from baseline in TARC



Median % pSTAT6



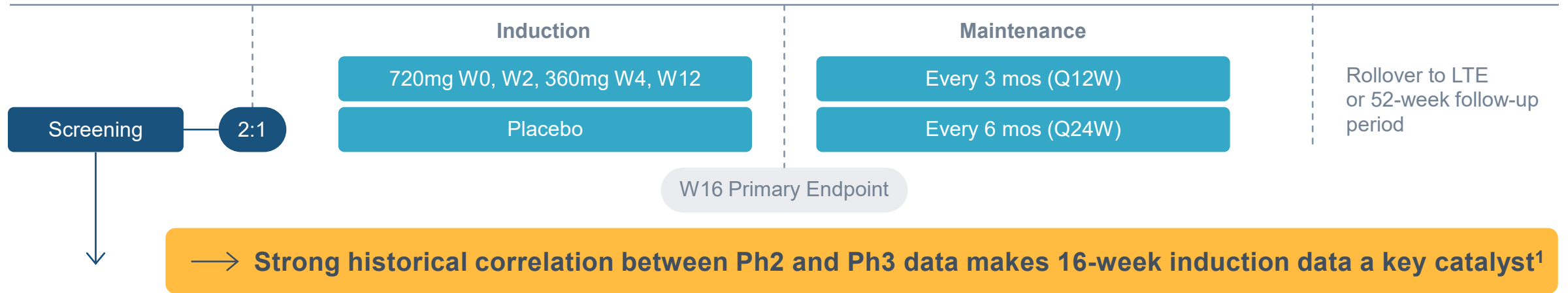
APG777 shows greater depth of TARC reduction compared to the same total dose of DUPIXENT

Near complete pSTAT6 inhibition up to ~12 months supports the potential for annual dosing

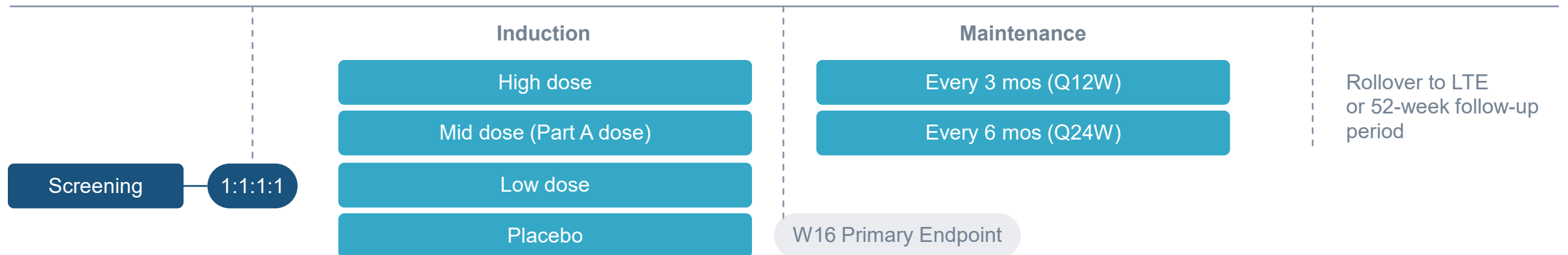
NOTE: N = 1 in cohort 1 (APG777 SAD 300mg) due to the accelerated timing of study enrollment relative to assay validation. No data has been published showing DUPIXENT or EBGLYSS impact on pSTAT6 in HVs. pSTAT6 measured using flow cytometry of whole blood samples stimulated with 10 ng/mL IL-13 (approximately 500 times the level of IL-13 present in lesional skin of moderate-to-severe AD patients). TARC data are derived from different clinical trials conducted at different points in time, with differences in trial design, dosing regimen and patient populations. DUPIXENT data derived from one Phase 1 trial with 6 healthy volunteers receiving a single SQ injection of 600 mg DUPIXENT. APG777 data derived from our Phase 1 trial in 6 healthy volunteers receiving two SQ injection of 300 mg of APG777. As a result, cross-trial comparisons cannot be made, and no head-to-head clinical trials have been conducted. APG777 is an investigational drug and has not been approved by the FDA as safe and effective. No data has been published showing EBGLYSS impact on TARC in HVs. SOURCE: Li, Z, et al. ACCP, 2020. Data for time points on nominal day post dose 1, 29, 57 (TDU12265).

Ongoing integrated Phase 2 trial expected to have 16-week Part A topline data in mid-2025

Part A: Proof-of-concept N ~110 >90% powered



Part B: Dose optimization N ~280 >90% powered

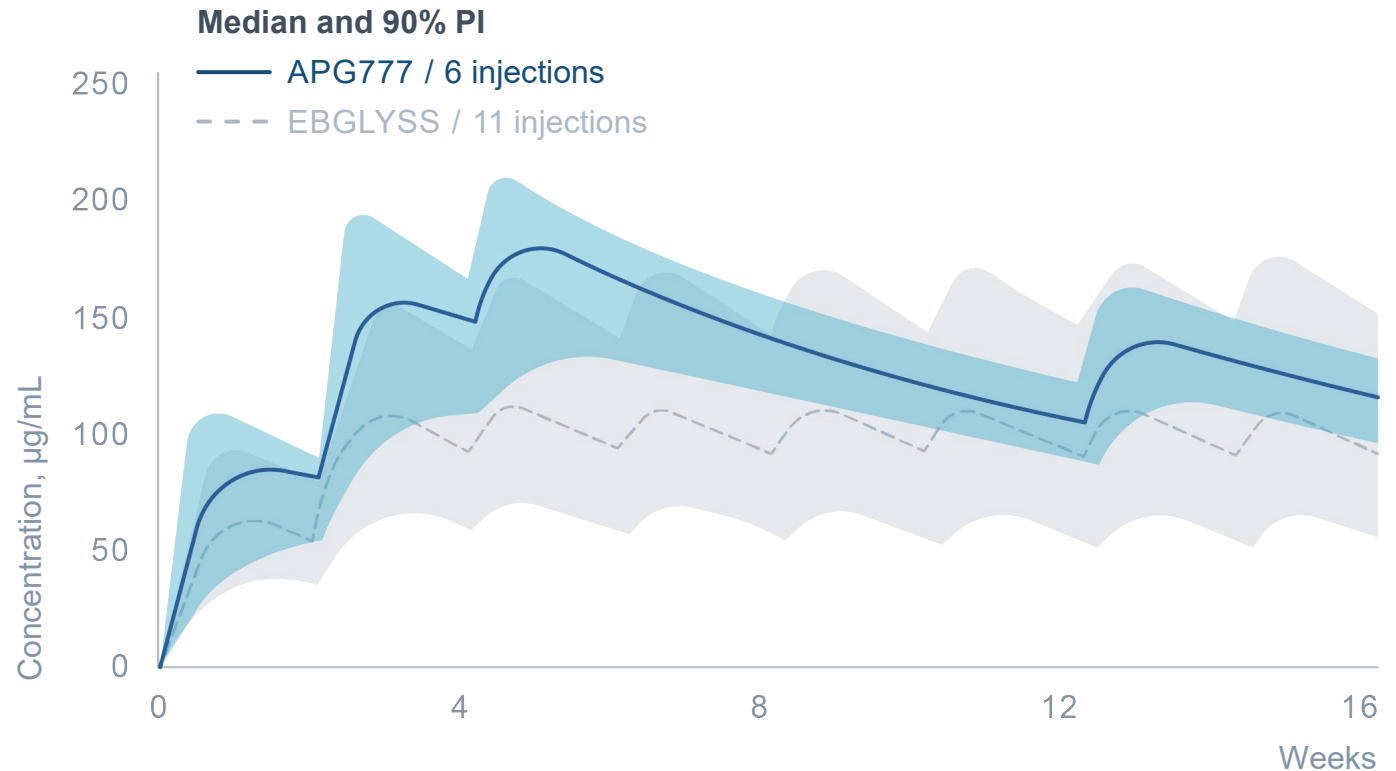


APG777 Phase 2 induction exposures designed to exceed EBGLYSS for potentially greater efficacy

Evidence suggests additional benefit to higher exposures for EBGLYSS in induction

- ① EBGLYSS Phase 2b showed dose-response that did not plateau with no dose-AE or exposure-AE relationship¹
- ② ~30% greater exposures in EBGLYSS low-bodyweight patients led to improved efficacy across endpoints²
- ③ EBGLYSS exposure-response model predicts better efficacy possible²

APG777 Phase 2 dose targets higher induction exposures than EBGLYSS³



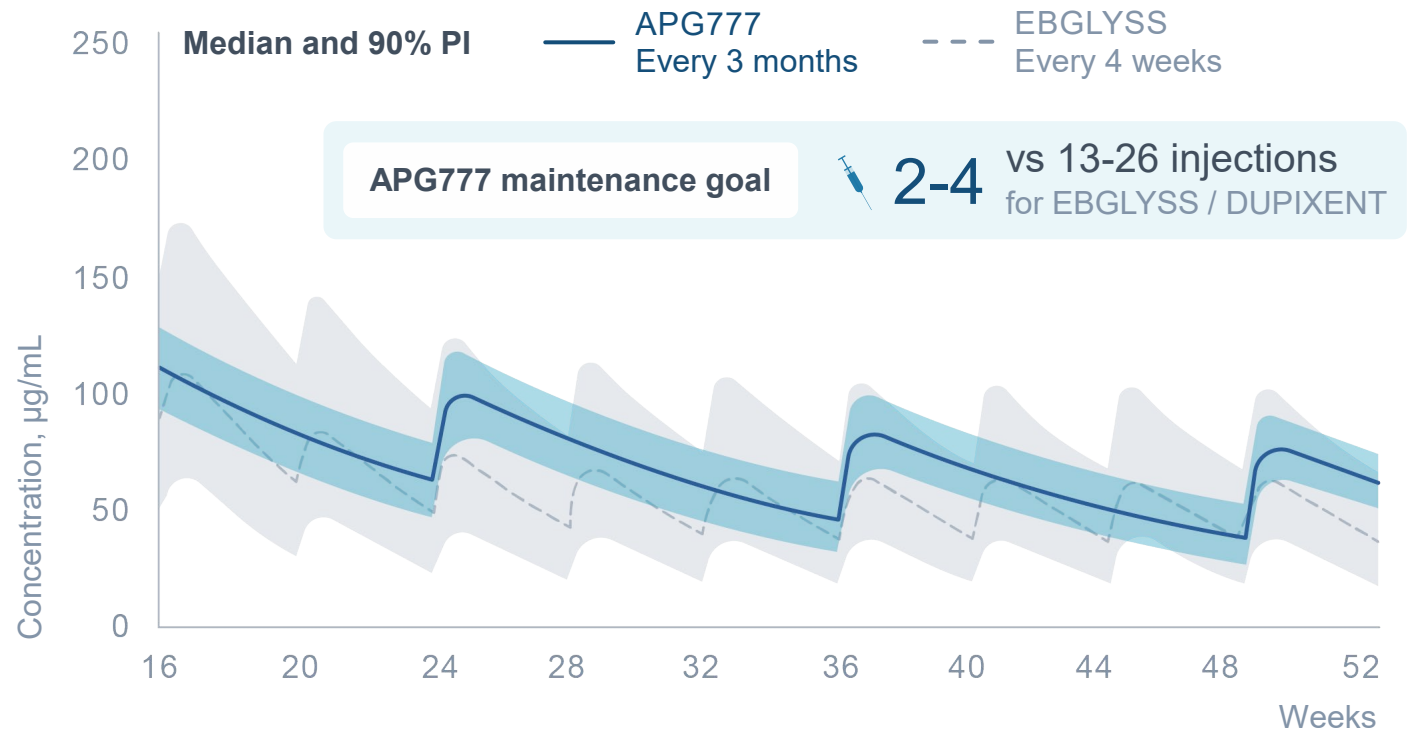
~30-40% higher predicted exposure with ~half the number of injections

APG777 Phase 2 maintenance exposures designed to equal EBGLYSS

Evidence suggests no additional benefit to higher exposures for EBGLYSS in maintenance

- ① EBGLYSS Q4W maintenance data compares favorably to DUPIXENT¹
- ② EBGLYSS Q2W and Q4W regimens had similar maintenance of response¹

APG777 Phase 2 doses target similar maintenance exposures to EBGLYSS²



Phase 2 16-week Part A induction data in atopic dermatitis is planned to readout in mid-2025

Objectives

Safety

Confirm well tolerated safety profile as seen in Phase 1 HV study and **in line with other agents in class**

e.g., DUPIXENT, EBGLYSS

Efficacy (primary)

Primary endpoint of % change from baseline in EASI at Week 16 **in line with standard of care**

~ **65-70% decrease** (topline)

Efficacy (key secondary)

Proportion of patients achieving key secondary endpoints at Week 16 (future approvable endpoints) **in line with standard of care:**

EASI-75: ~45-50% (topline)

IGA 0/1: ~35-40% (topline)

APG777 could substantially decrease annual injections for patients

APG777

2-4

Injections



One injection every 3-6 months¹
Future potential for annual dosing

EBGLYSS

13-26

Injections



One injection every 2-4 weeks¹

DUPIXENT

26

Injections



One injection every 2 weeks¹

Beyond APG777 in AD, multiple potential blockbuster expansions in dermatology, respiratory, and GI

Dermatology

Atopic dermatitis



- Bullous Pemphigoid
- Prurigo Nodularis

Respiratory

Asthma



- Allergic Rhinitis (perennial)
- Chronic Obstructive Pulmonary Disease
- Chronic Rhinosinusitis with Nasal Polyps
- Chronic Spontaneous Urticaria
- Cold Inducible Urticaria

Gastroenterology

Eosinophilic esophagitis

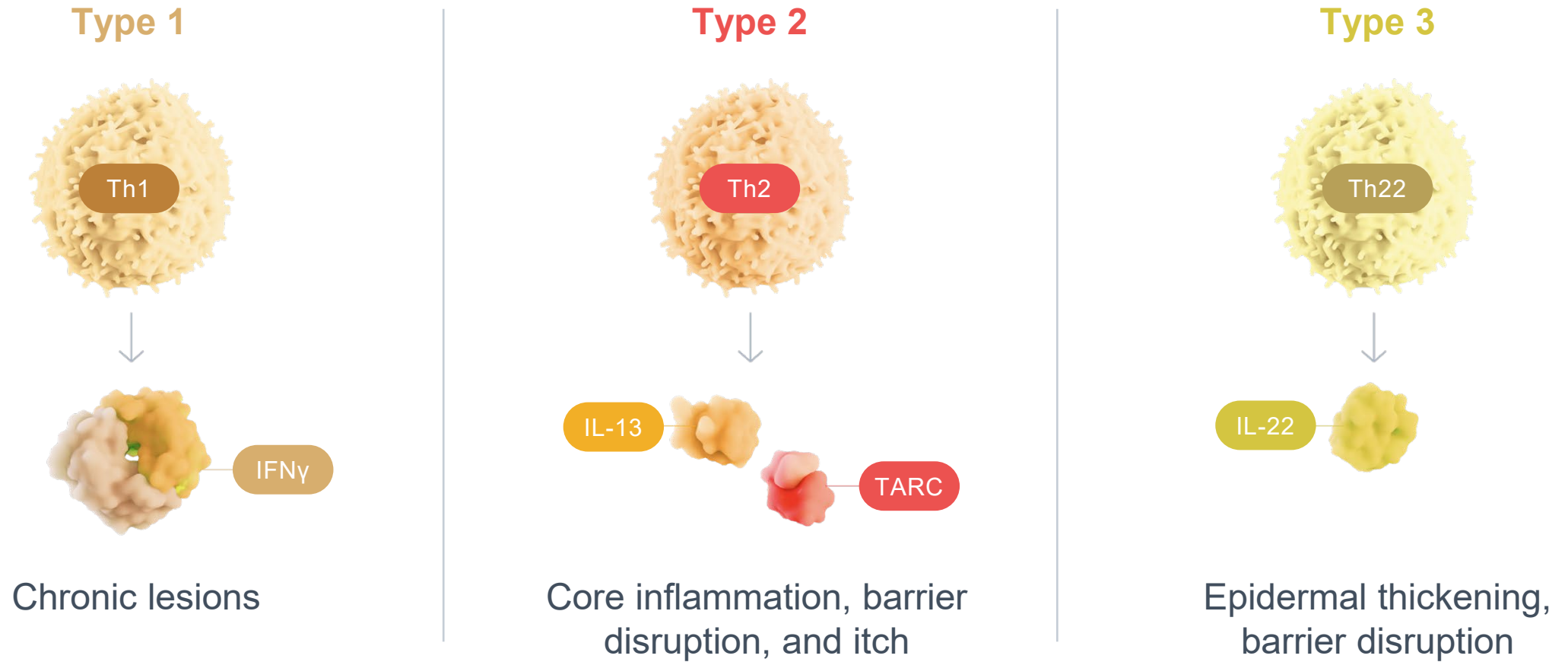


- Eosinophilic Gastrointestinal Disorders (non-EoE)
- Ulcerative Colitis (eosinophilic subtypes)

Option to launch directly to Phase 3 for most promising expansions after identifying a TA-specific Phase 2 dose

**APG777+APG990:
Raising the bar in AD
via broader inhibition**

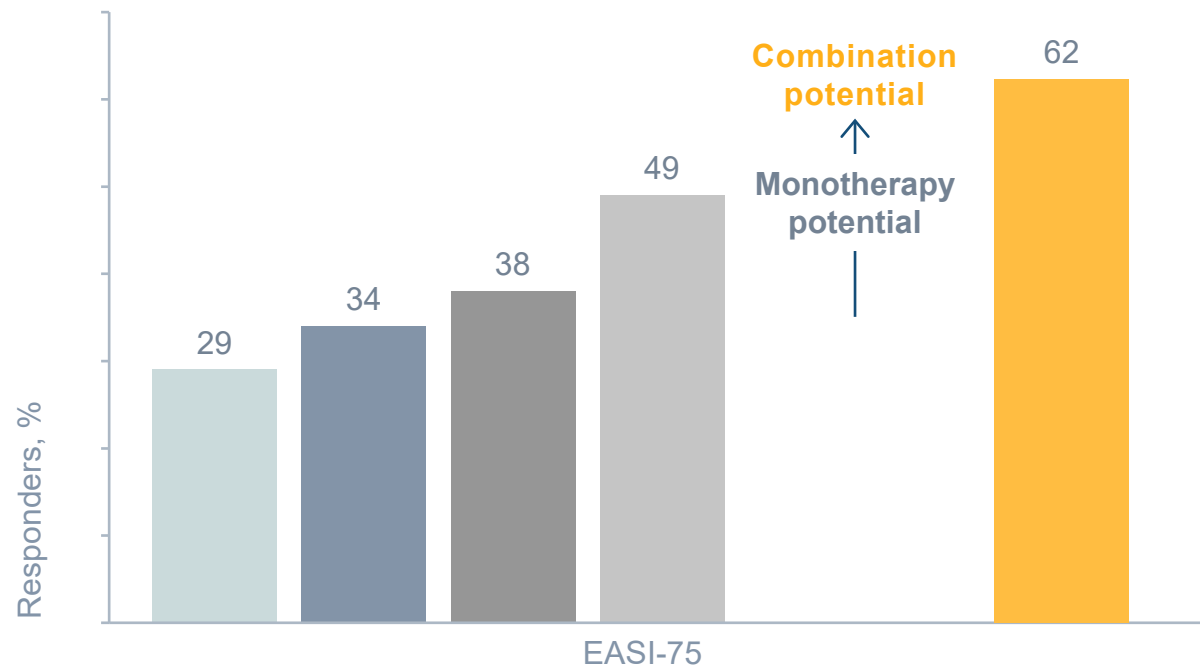
Type 1, 2, and 3 inflammation play distinct roles in AD with Type 2 inflammation being the core driver



Targeting all inflammatory types may provide greater efficacy

Efficacy of advanced systemics in AD (Week 16, placebo-adjusted)

- Amlitelimab, Ph2b (250mg Q4W +LD)
- DUPIXENT Ph3
- EBGLYSS Ph3, all patients (N = 851)
- EBGLYSS Ph3, <60 kg subgroup (N = 180)
- RINVOQ Ph3, 30mg



- **JAKs inhibit Type 1-3 inflammation** but carry a **black box warning** and require lab monitoring
- **DUPIXENT and EBGLYSS block Type 2 inflammation, the core driver of AD**
- **Amlitelimab partial inhibition of Type 1, 2, and 3** is well-tolerated, although less efficacious

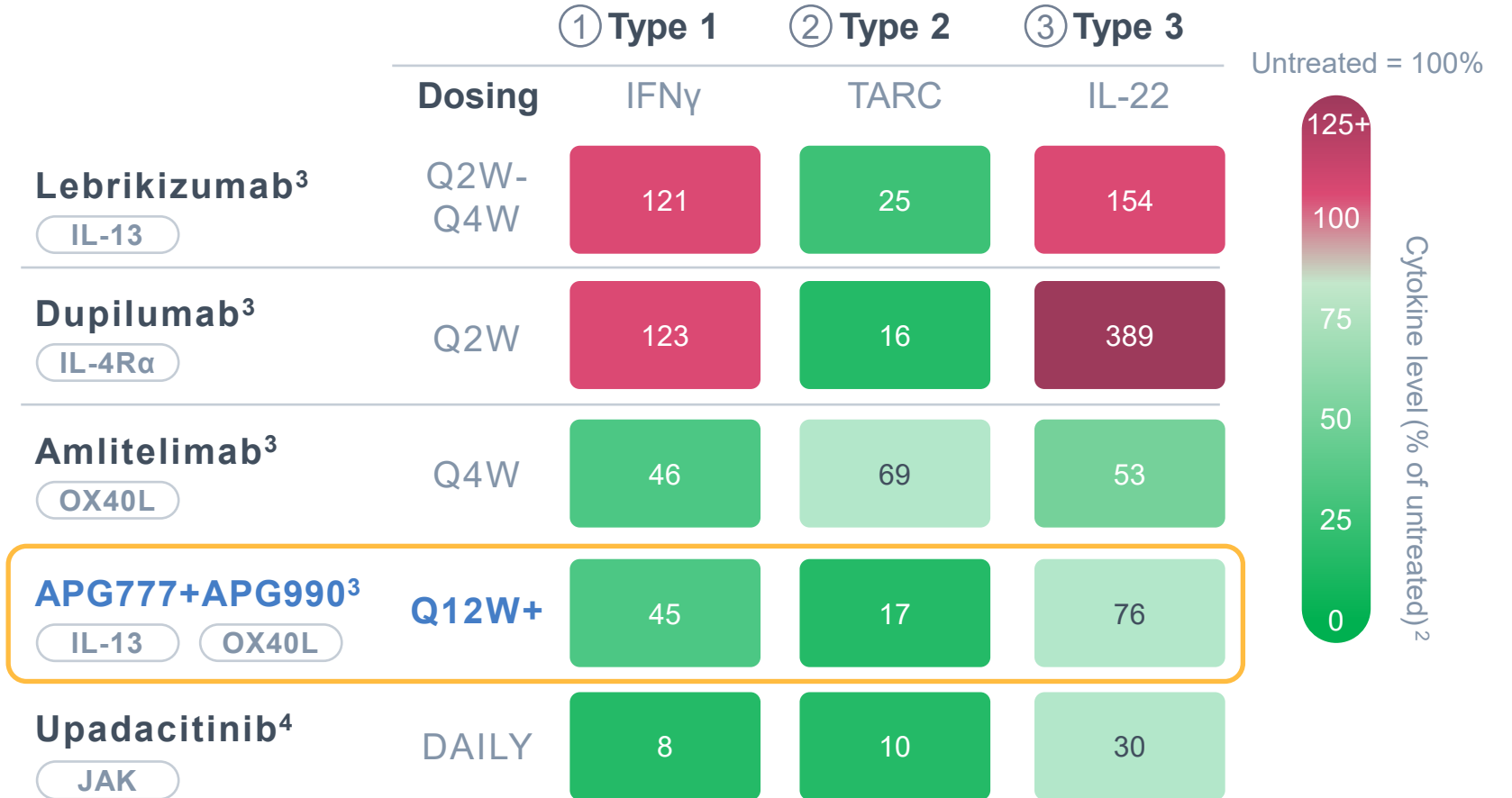
APG777 shows near complete Type 2 inhibition
 +
APG990 provides potential to address AD heterogeneity through Type 1-3 inhibition

Potential first-in-class APG777+APG990 targets all inflammatory types, including near complete Type 2 inhibition

Ex vivo human allogeneic lymphocyte reaction (ALR) assay¹

APG777+APG990 combines orthogonal mechanisms for potentially best-in-class efficacy and every 3-month dosing or less frequent

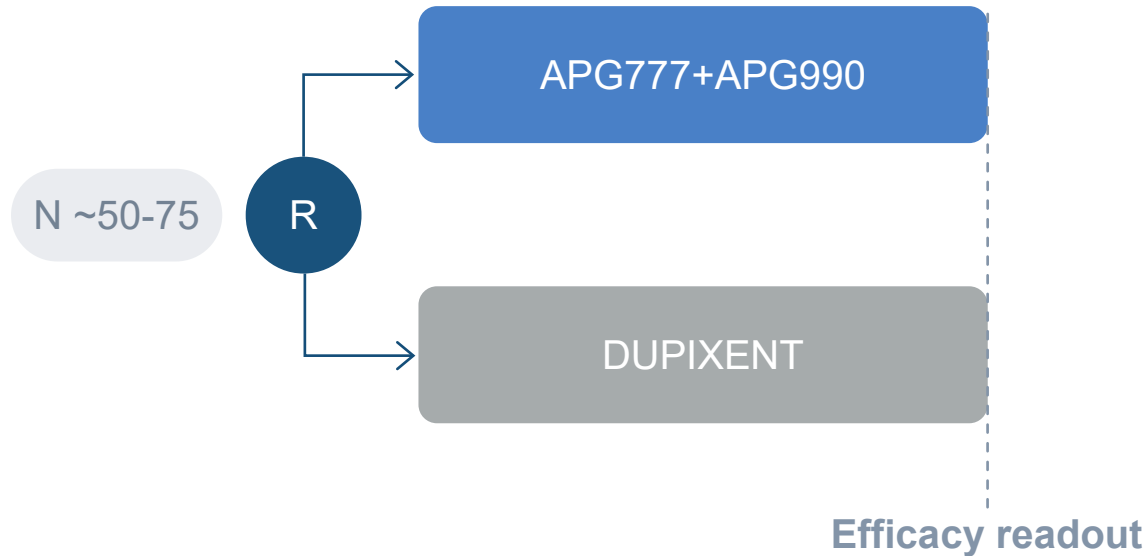
APG777+APG990 shows closer to JAK-like inhibition of Type 1, 2, and 3 signaling – but with potential for **better tolerability**



NOTE: ¹ The ALR was performed using TSLP-primed mDCs paired with allogeneic CD4 cells for 5 days. ² Cytokine levels for lebrikizumab, dupilumab, amlitelimab, and APG777+APG990 are reported as the mean percent of isotype control across four donor pairs; upadacitinib reported as mean percent of DMSO control across four donor pairs. ³ Lebrikizumab, dupilumab, amlitelimab, and APG777+APG990 were tested at 45 μ g/mL that is comparable to DUPIXENT steady-state trough concentrations for the approved dose (300mg Q2W) in atopic dermatitis. ⁴ Upadacitinib was tested at the Cmax concentration for RINVOQ 15mg (31 ng/mL), reflecting maximum inhibition achieved briefly after dosing.

Planned Phase 1b of APG777+APG990 against DUPIXENT expected to initiate in 2025

Phase 1b trial in moderate-to-severe AD



Phase 1b readout against DUPIXENT in 2026 could demonstrate potential for transformational efficacy and dosing

Study objectives

Safety

Confirm safety profile to enable additional combination trials


PD biomarkers

Demonstrate broader pharmacodynamic effect vs. SoC

Efficacy

Demonstrate improved efficacy vs. SoC on key endpoints (e.g., EASI-75, IGA0/1)

Coformulations could enable potentially best-in-class efficacy while maintaining best-in-class dosing

Characteristics	Coformulation approach	Bispecific approach
 Dosing potential	Every 3-months or less frequently	Every 1-4 weeks
 Potential to optimize dose for effective target inhibition		
 COGS		
 Potential to deliver in simple presentation (e.g., single autoinjector)		
 Approval precedent (total # of approvals in last 20 years)	134	10

APG777+APG990 coformulation proof-of-concept achieved



Stability



Stable at high concentrations (i.e., >150 mg/mL)



Injectability



Expected injection time comparable to DUPIXENT



Presentation



Compatible with commercial presentation (e.g., 2 mL PFS or AI)



Potency



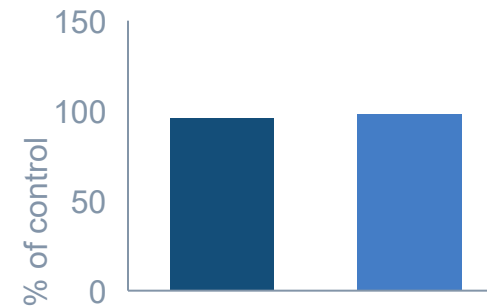
Potency equivalent to each component tested individually

APG777+APG990 pre-filled syringe



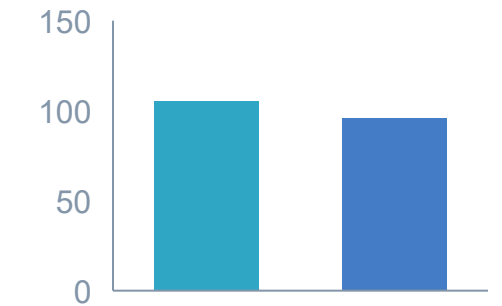
APG777 potency^{1,2}

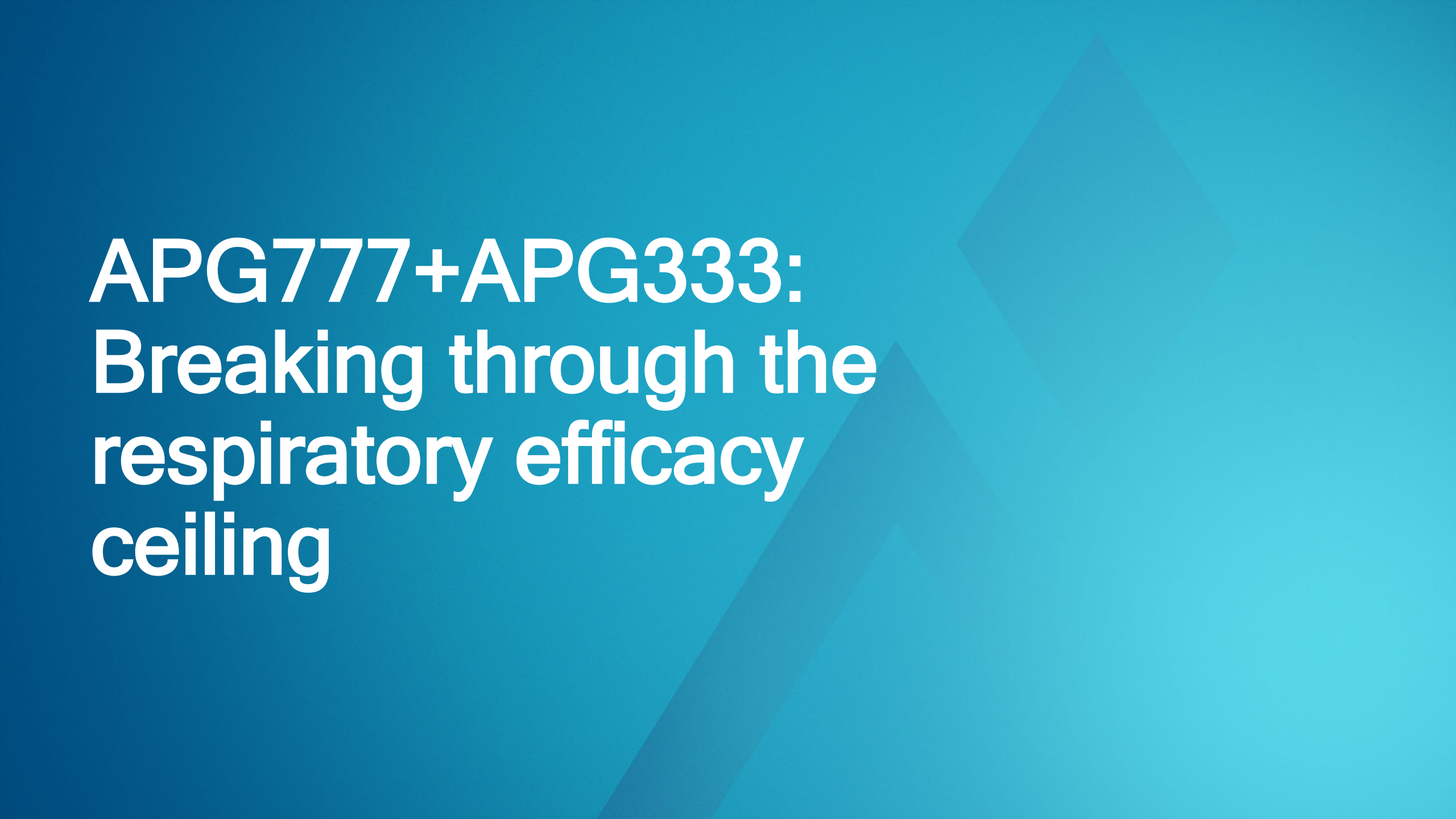
● APG777 ● APG777+APG990



APG990 potency^{1,3}

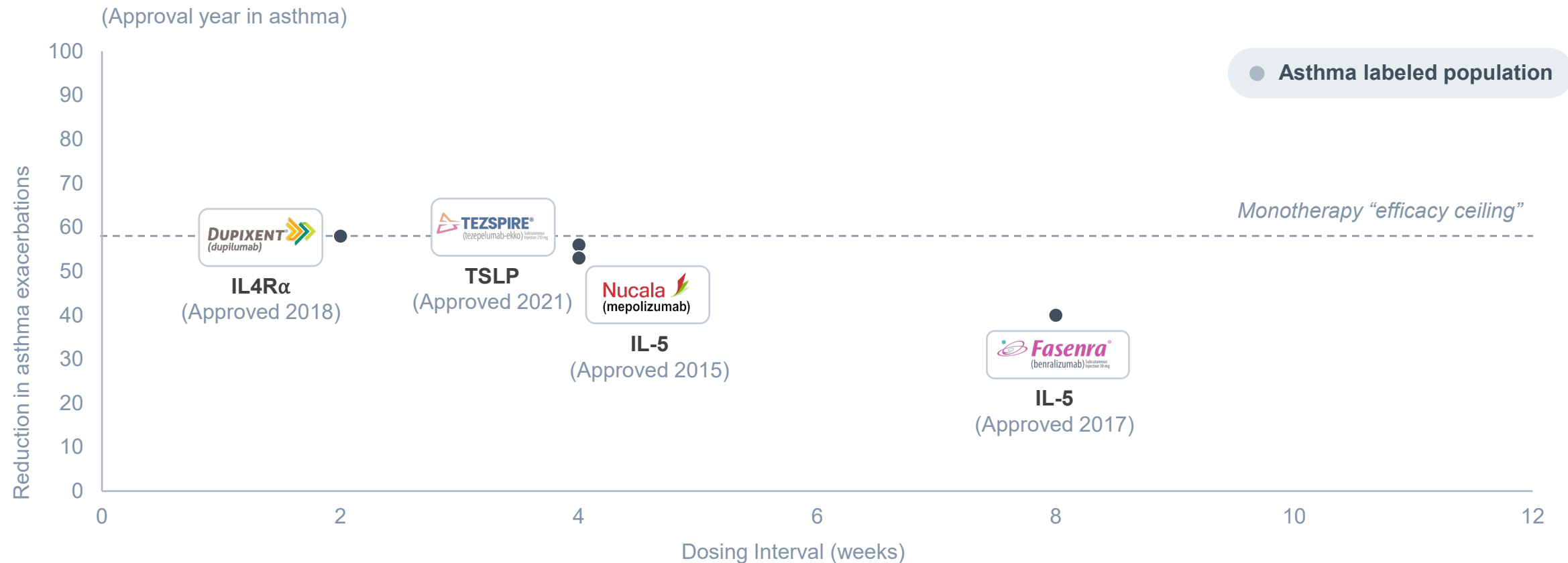
● APG990 ● APG777+APG990





**APG777+APG333:
Breaking through the
respiratory efficacy
ceiling**

Multiple novel treatments targeting alarmins or Type 2 cytokines have been approved in asthma, but efficacy has hit a ceiling

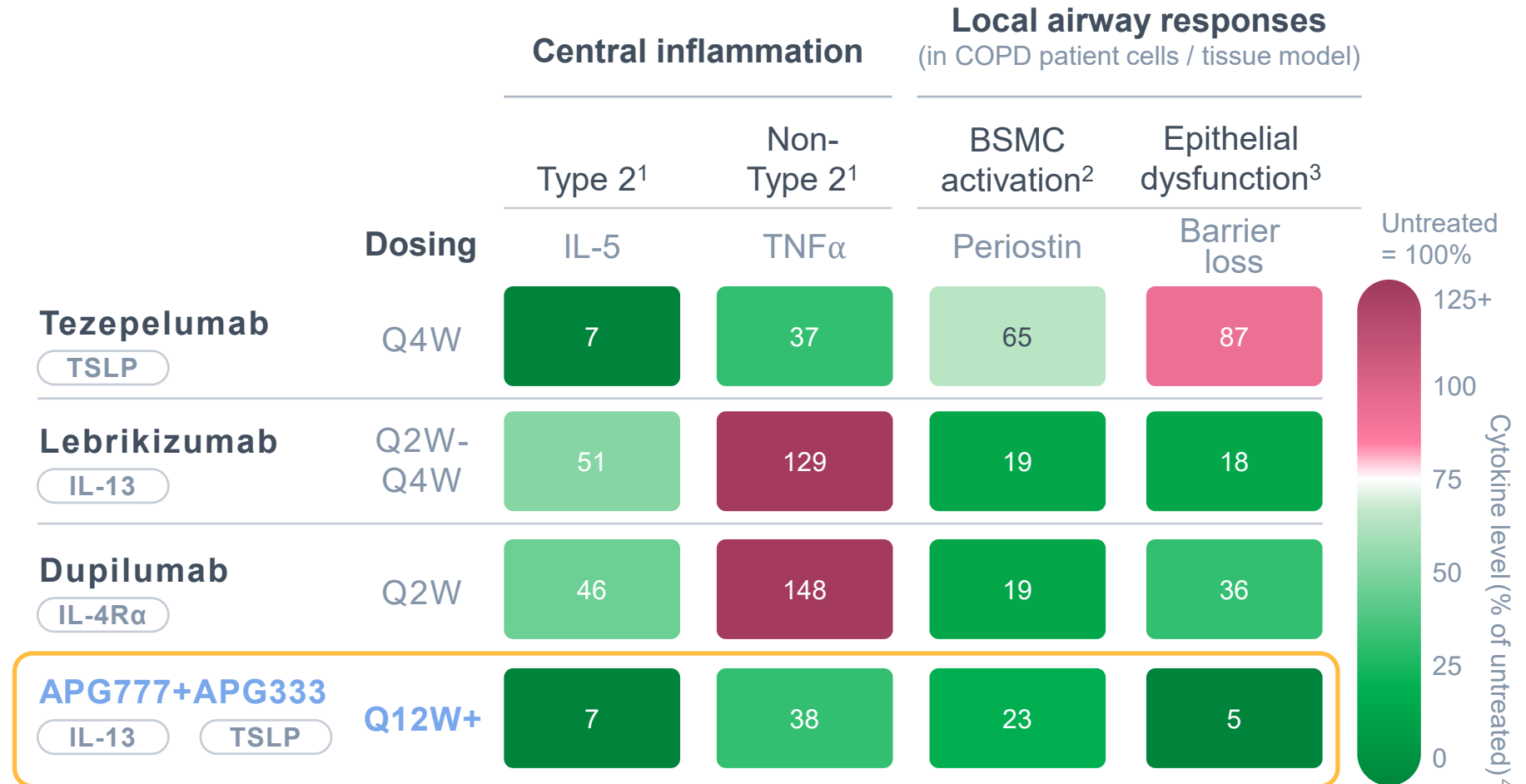


DUPIXENT (Ph3) and TEZSPIRE (Ph2) have shown lower AER reductions in COPD patients

APG777+APG333 targets both central and local drivers of respiratory disease to potentially break through the monotherapy efficacy ceiling

APG777+APG333 combines orthogonal mechanisms for potentially best-in-class efficacy and **every 3-month dosing** or less frequent:

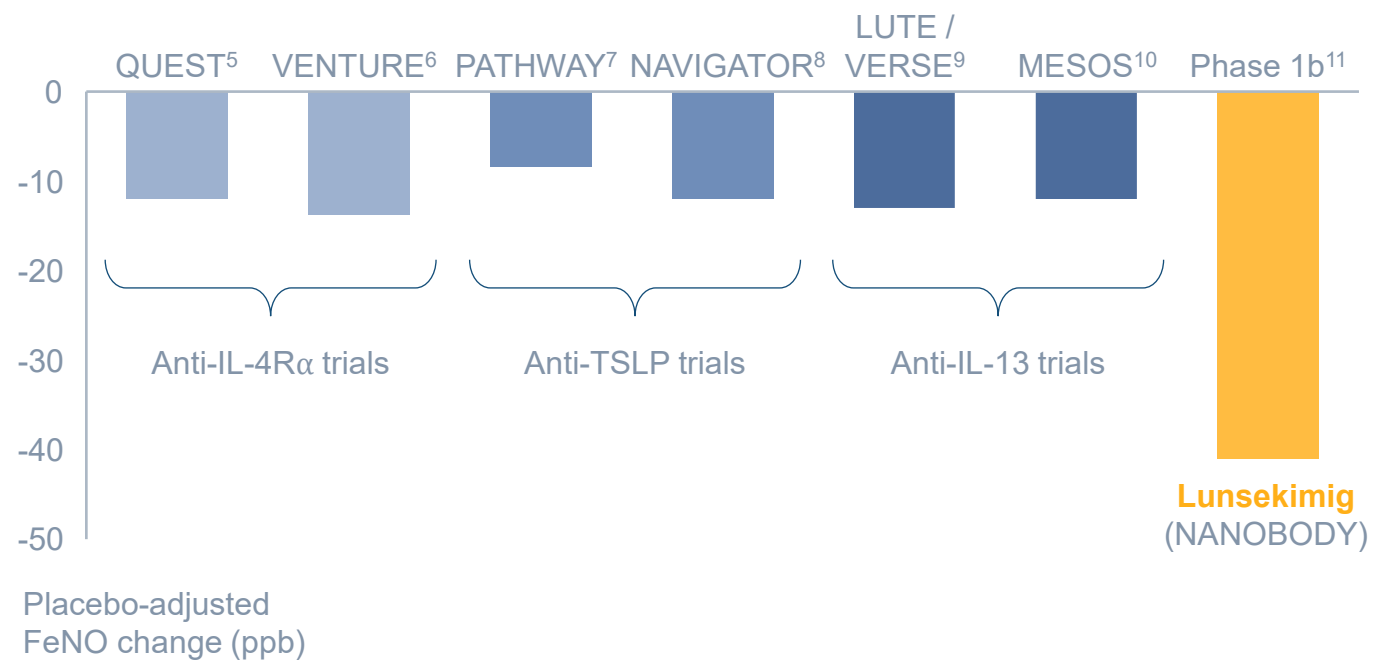
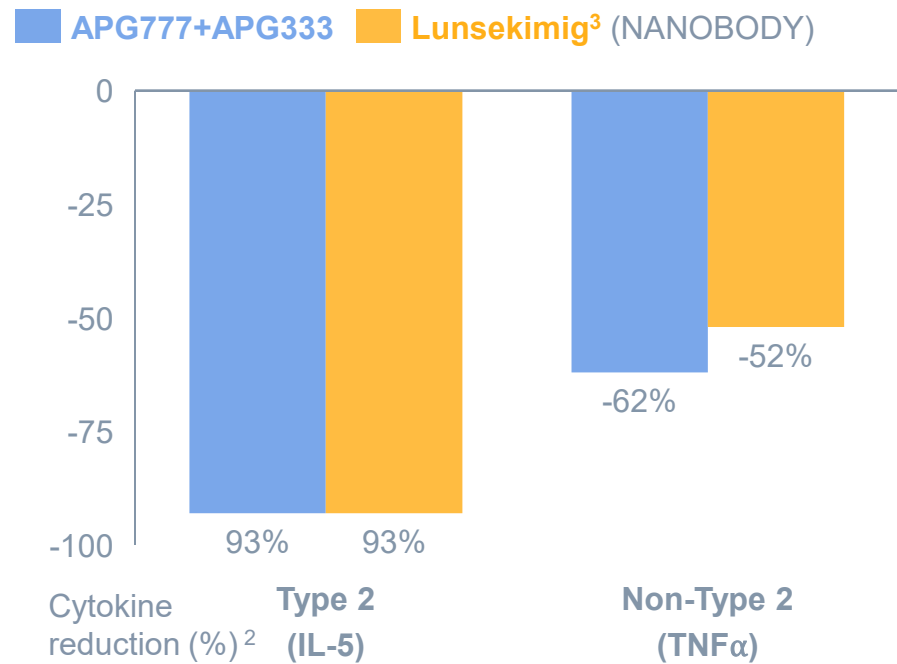
- **TSLP** inhibition to block **central inflammation**
- **IL-13** inhibition to address **local airway responses**



Lunsekimig has validated targeting IL-13 + TSLP in the clinic but is dosed every 2-4 weeks, which APG777+APG333 could significantly improve on

APG777+APG333 performs similar to lunsekimig preclinically¹

FeNO data from lunsekimig Phase 1b in asthma demonstrated potential for additive efficacy⁴



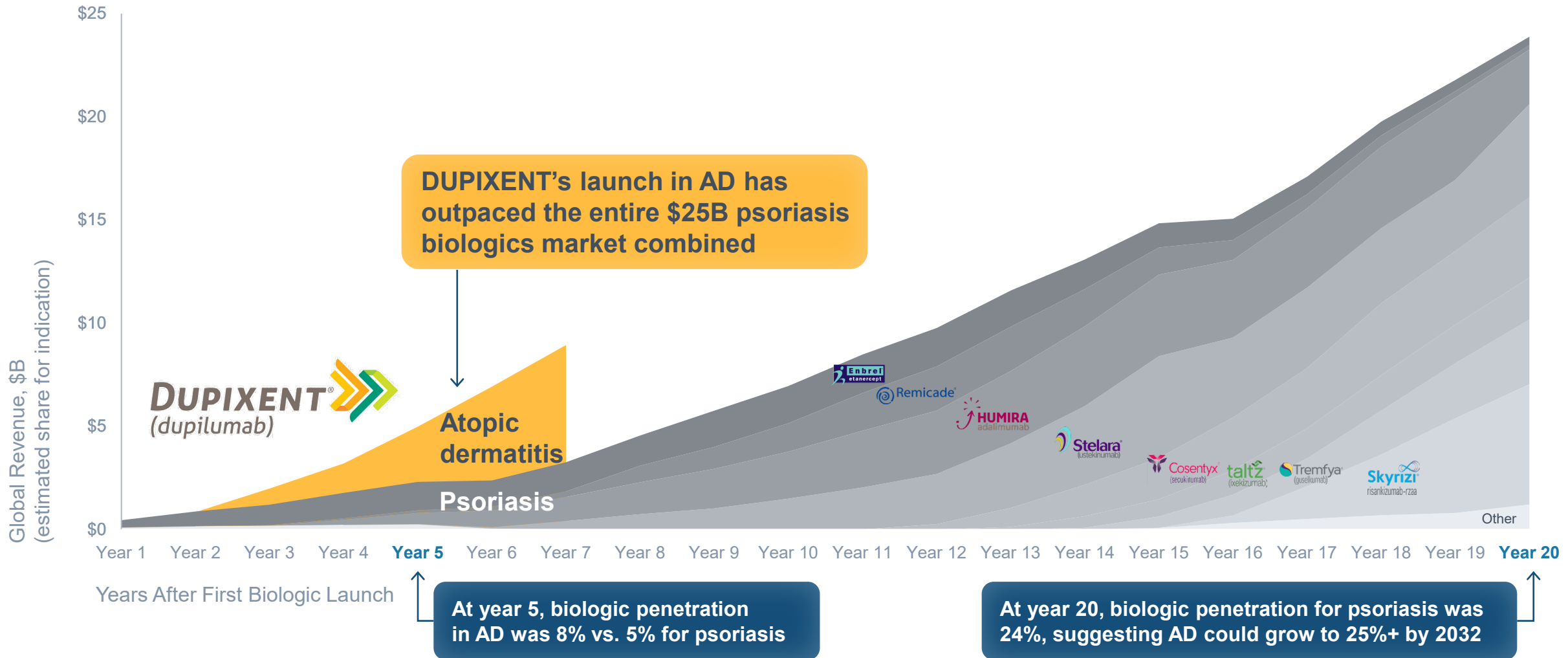
Combined blockade of IL-13 and TSLP demonstrates potential for broader and deeper impact on central and local drivers of respiratory disease not previously seen by monotherapies alone

NOTE: ¹ ALR performed using four donor pairs of TSLP-primed mDCs plus allogeneic CD4 cells for 5 days. ² Responses are reported as mean percent of control across all donors. ³ Lunsekimig produced and purified based on published sequence and evaluated at a concentration with an equivalent molarity of APG777+APG333. ⁴ FeNO level reflects data from marketed dose, where available. Data shown is placebo-adjusted reduction at 29d, with the exception of QUEST, where level was reported at 12 weeks. LUTE/VERSE data from was periostin-high enrollees. SOURCE: ⁵ Castro M, et al. NEJM, 2018. ⁶ Rabe KF et al. NEJM, 2018. ⁷ Corren JC, et al. NEJM, 2017. ⁸ Menzies-Gow A, et al. NEJM, 2021. ⁹ Hanaia NA, et al. Thorax, 2015. ¹⁰ Russell RJ, et al. Lancet Respir Med, 2018. ¹¹ Deitersen A, et al. ATS, 2023.

Corporate & Commercial



Apogee has the potential of becoming a leader in a future \$50B+ market that is in its early years and growing rapidly

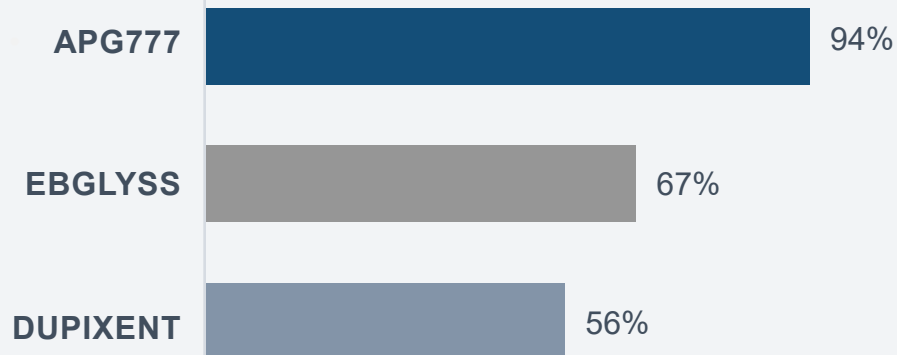


Patients and physicians prefer APG777's quarterly dosing profile; payers support 1L biologic access

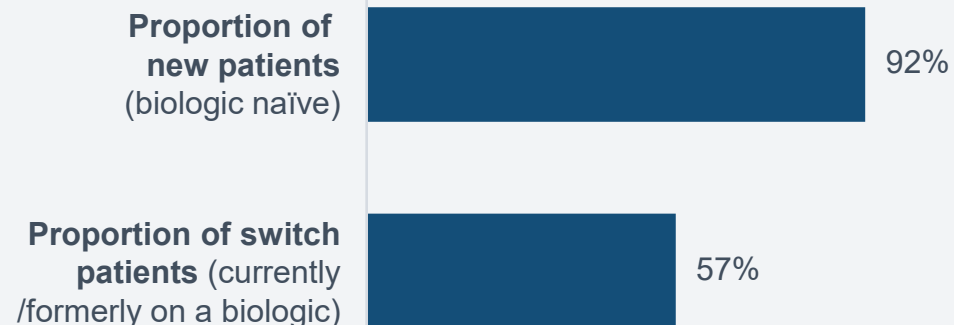
Market research supports APG777's differentiated profile

(based on blinded TPP with equivalent efficacy and safety as DUPIXENT but with every 3-month maintenance dosing)

Patient likelihood to take action for each treatment¹



Physician intent to use a product with APG777 Target Product Profile²



Payer coverage expectations for APG777³

- “ Parity as DUPIXENT
- “ Covered at parity... if [APG777] shifts the market, then it may move up to preferred
- “ Parity and co-preferred alongside DUPIXENT and ADBRY

VP of Pharmacy, National PBM #1³

VP of Pharmacy, National PBM #2³

VP of Pharmacy, National MCO³

SOURCE: Patients: TRINITY Qualitative Research with N=18 AD Patients, August 2024. Physicians: In 2023, Apogee conducted a single-blinded market research survey of 25 practicing dermatologists in 14 states in the United States, with the assistance of an expert search network. Payers: Real Endpoints Qualitative Research with N=6 payers, February 2024. Charles River Associates research with N=10 payers, August 2024. NOTE: ¹AD patients responding 6 or 7 on a scale from 1 to 7 rating their likelihood to take action after reviewing a blinded TPP for each treatment. APG777 TPP based on equivalent efficacy and safety as DUPIXENT. ²For providers where likeliness to prescribe Product Y (equivalent efficacy and safety as DUPIXENT, but with Q3M dosing) differs for pediatric and adult patients, a blended rate was calculated using the weighted average of the pediatric and adult rates based on the mix of AD patients in that dermatologists' practice. ³Payer coverage expectations are based on a product with similar efficacy, safety, and net pricing as DUPIXENT, but with Q3M dosing.

Over the next 2 years, 8 clinical trial readouts expected across our pipeline

**\$754M in cash with
runway into 2028**

★ KEY READOUT

		2025	2026
Potential best-in-class monotherapy in AD	APG777 (IL-13)	★ Mid-2025: AD Phase 2 16-week PoC readout <ul style="list-style-type: none"> 1H: Asthma Phase 1b initiation 2H: Asthma Phase 2b initiation 	★ 1H: AD Phase 2 Part A 52-week readout ★ 2H: AD Phase 2 Part B 16-week readout <ul style="list-style-type: none"> Asthma Phase 1b readout EoE Phase 2 initiation
Potential first- or best-in-class combination approaches	APG777+APG990 (IL-13) (OX40L)	<ul style="list-style-type: none"> AD Phase 1b PoC trial initiation (against DUPIXENT) 	★ 2H: AD Phase 1b PoC readout (against DUPIXENT)
	APG777+APG333 (IL-13) (TSLP)	<ul style="list-style-type: none"> Additional clinical plan announced 	
Potential best-in-class mAbs for combinations	APG808 (IL-4R α)	<ul style="list-style-type: none"> 1H: Asthma Phase 1b readout 	
	APG990 (OX40L)	<ul style="list-style-type: none"> 1H: Initial Phase 1 PK & safety in HVs 	
	APG333 (TSLP)	<ul style="list-style-type: none"> 2H: Initial Phase 1 PK & safety in HVs 	

Board of Directors with industry-leading development, regulatory, commercial and management expertise



Mark McKenna

Chairman & CEO, Mirador Therapeutics



Michael Henderson, MD

Chief Executive Officer, Director



Lisa Bollinger, MD

CEO & President of Bollinger Regulatory Consulting, LLC



Jennifer Fox

CFO & CBO, Zenas BioPharma



Andrew Gottesdiener, MD

Venrock



Peter Harwin

Managing Member, Fairmount



BJ Jones

CCO, NewAmsterdam Pharma



Tomas Kiselak

Managing Member, Fairmount



Nimish Shah

Venrock



Experienced team with proven history of clinical development and commercial execution



Michael Henderson, MD
Chief Executive Officer, Director



Carl Dambkowski, MD
Chief Medical Officer



Jane Pritchett Henderson
Chief Financial Officer



Rebecca Dabora, PhD
Chief Development Officer



Jeff Hartness
Chief Commercial Officer



Matt Batters, JD
Chief Legal Officer



Wendy Aspden-Curran
SVP of Clinical Operations



Drew Badger, PhD
SVP of Regulatory
Affairs & Toxicology



Dan Mulreany
SVP of Business
Development & Strategy



Kristine Nograles, MD, MSc
SVP of Clinical Development





Apogee /'apəjē/ *noun*

The highest point in the development of something; a climax or culmination