

OCTOBER 4, 2021



SAFE HARBOR STATEMENT

This presentation contains forward-looking statements that are based on the current expectations and beliefs of Amgen. All statements, other than statements of historical fact, are statements that could be deemed forward-looking statements, including any statements on the outcome, benefits and synergies of collaborations, or potential collaborations, with any other company (including BeiGene, Ltd., Kyowa Kirin Co., Ltd., or any collaboration to manufacture therapeutic antibodies against COVID-19), the performance of Otezla® (apremilast) (including anticipated Otezla sales growth and the timing of non-GAAP EPS accretion), or the Five Prime Therapeutics, Inc. acquisition, as well as estimates of revenues, operating margins, capital expenditures, cash, other financial metrics, expected legal, arbitration, political, regulatory or clinical results or practices, customers and prescriber patterns or practices, reimbursement activities and outcomes, effects of pandemics or other widespread health problems such as the ongoing COVID-19 pandemic on our business, outcomes, progress, or effects relating to studies of Otezla as a potential treatment for COVID-19, and other such estimates and results. Forward-looking statements involve significant risks and uncertainties, including those discussed below and more fully described in the Securities and Exchange Commission reports filed by Amgen, including our most recent annual report on Form 10-K and any subsequent periodic reports on Form 10-Q and current reports on Form 8-K. Unless otherwise noted, Amgen is providing this information as of the date of this presentation and does not undertake any obligation to update any forward-looking statements contained in this document as a result of new information, future events or otherwise.

No forward-looking statement can be guaranteed and actual results may differ materially from those we project. Our results may be affected by our ability to successfully market both new and existing products domestically and internationally, clinical and regulatory developments involving current and future products, sales growth of recently launched products, competition from other products including biosimilars, difficulties or delays in manufacturing our products and global economic conditions. In addition, sales of our products are affected by pricing pressure, political and public scrutiny and reimbursement policies imposed by third-party payers, including governments, private insurance plans and managed care providers and may be affected by regulatory, clinical and guideline developments and domestic and international trends toward managed care and healthcare cost containment. Furthermore, our research, testing, pricing, marketing and other operations are subject to extensive regulation by domestic and foreign government regulatory authorities. We or others could identify safety, side effects or manufacturing problems with our products, including our devices, after they are on the market. Our business may be impacted by government investigations, litigation and product liability claims. In addition, our business may be impacted by the adoption of new tax legislation or exposure to additional tax liabilities. If we fail to meet the compliance obligations in the corporate integrity agreement between us and the U.S. government, we could become subject to significant sanctions. Further, while we routinely obtain patents for our products and technology, the protection offered by our patents and patent applications may be challenged, invalidated or circumvented by our competitors, or we may fail to prevail in present and future intellectual property litigation. We perform a substantial amount of our commercial manufacturing activities at a few key facilities, including in Puerto Rico, and also depend on third parties for a portion of our manufacturing activities, and limits on supply may constrain sales of certain of our current products and product candidate development. An outbreak of disease or similar public health threat, such as COVID-19, and the public and governmental effort to mitigate against the spread of such disease, could have a significant adverse effect on the supply of materials for our manufacturing activities, the distribution of our products, the commercialization of our product candidates, and our clinical trial operations, and any such events may have a material adverse effect on our product development, product sales, business and results of operations. We rely on collaborations with third parties for the development of some of our product candidates and for the commercialization and sales of some of our commercial products. In addition, we compete with other companies with respect to many of our marketed products as well as for the discovery and development of new products. Discovery or identification of new product candidates or development of new indications for existing products cannot be guaranteed and movement from concept to product is uncertain; consequently, there can be no guarantee that any particular product candidate or development of a new indication for an existing product will be successful and become a commercial product. Further, some raw materials, medical devices and component parts for our products are supplied by sole third-party suppliers. Certain of our distributors, customers and payers have substantial purchasing leverage in their dealings with us. The discovery of significant problems with a product similar to one of our products that implicate an entire class of products could have a material adverse effect on sales of the affected products and on our business and results of operations. Our efforts to collaborate with or acquire other companies, products or technology, and to integrate the operations of companies or to support the products or technology we have acquired, may not be successful. A breakdown, cyberattack or information security breach could compromise the confidentiality, integrity and availability of our systems and our data. Our stock price is volatile and may be affected by a number of events. Global economic conditions may magnify certain risks that affect our business. Our business performance could affect or limit the ability of our Board of Directors to declare a dividend or our ability to pay a dividend or repurchase our common stock. We may not be able to access the capital and credit markets on terms that are favorable to us, or at all.



AGENDA

Introduction	David Reese, M.D.—Executive Vice President, Research and Development
Data Review	Rob Lenz, M.D., Ph.D.—Senior Vice President, Global Development
Commercial Landscape	Murdo Gordon—Executive Vice President, Global Commercial Operations
Q&A	All





DAVID REESE, M.D.

EXECUTIVE VICE PRESIDENT, RESEARCH AND DEVELOPMENT



WE EXPECT INFLAMMATION TO BE A MEANINGFUL GROWTH DRIVER

- Building on decades of established research, development, and commercial expertise
- Pursuing under-served markets with significant growth potential
- Launching first-in-class molecules, new indications and quality biosimilars in each of the next several years
- Leveraging human genetics approximately half of our inflammation portfolio has human genetic validation
- Achieving significant near-term milestones for our late-stage programs



STEADY FLOW OF INFLAMMATION LAUNCHES AND LATE STAGE CLINICAL DATA THROUGH 2025

<u>2021</u> <u>2022</u> <u>2023</u> <u>2024</u> <u>2025</u>

Otezla®
U.S. approval
Mild-to-moderate
Psoriasis

Q1 2022 Tezepelumab U.S. approval Asthma

H1 2022
AMG 451 / KHK4083
Phase 3 initiation
Atopic Dermatitis

H2 2022
AMG 714 / PRV-015
Phase 2b completion

2022 ABP 654, ABP 938, ABP 959 Phase 3 completion* January 31, 2023 AMJEVITA™ U.S. launch*

Tezepelumab
Phase 2 completion*
Chronic Spontaneous Urticaria

Rozibafusp alfa
Phase 2 completion*
Systemic Lupus Erythematosus

H1 2024
Tezepelumab
Phase 3 completion*

H1 2024
Efavaleukin alfa
Phase2 completion*
Systemic Lauring 2 1774

Anticipated approval/launch denoted in green

March 1, 2025

ABP 959

U.S. launch

AMJEVITA™ (adalimumab-atto) is a biosimilar candidate to HUMIRA®
ABP 654 is a biosimilar candidate to STELARA®
ABP 938 is a biosimilar candidate to EYLEA®
ABP 959 is a biosimilar candidate to SOLIRIS®

*Estimated Study Completion Date per clinicaltrials.gov; HUMIRA® is a registered trademark of AbbVie Biotechnology Ltd; STELARA® is a registered trademark of Janssen Pharmaceutica NV; EYLEA® is a registered trademark of Regeneron Pharmaceuticals, Inc.; SOLIRIS® is a registered trademark of Alexion Pharmaceuticals, Inc.; Tezepelumab is developed in collaboration with AstraZeneca; AMG 714 is developed in collaboration with Provention Bio.

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STEADY FLOW OF INFLAMMATION LAUNCHES AND LATE STAGE **CLINICAL DATA THROUGH 2025**

2021 2022 2023 2024 2025

December 2021 Otezla[®] U.S. approval Mild-to-moderate **Psoriasis**

Q1 2022 **Tezepelumab** U.S. approval **Asthma**

H1 2022 AMG 451 / KHK4083 Phase 3 initiation **Atopic Dermatitis**

H₂ 2022 AMG 714 / PRV-015 Phase 2b completion Celiac Disease

2022 ABP 654, ABP 938, ABP 959 Phase 3 completion*

January 31, 2023 AM.IFVITA™ U.S. launch*

H₁ 2023

Tezepelumab Phase 2 completion* **Chronic Spontaneous Urticaria Chronic Obstructive Pulmonary Disease**

> H₂ 2023 Rozibafusp alfa Phase 2 completion* **Systemic Lupus Erythematosus**

H₁ 2024 **Tezepelumab**

Phase 3 completion* **Chronic Rhinosinusitis with Nasal Polyps**

H₁ 2024

Ffavaleukin alfa

Phase 2 completion*

Systemic Lupus Erythematosus

Ulcerative Colitis

U.S. launch

March 1, 2025

ABP 959

Anticipated approval/launch denoted in green

AMJEVITA™ (adalimumab-atto) is a biosimilar candidate to HUMIRA® ABP 654 is a biosimilar candidate to STELARA® ABP 938 is a biosimilar candidate to EYLEA® ABP 959 is a biosimilar candidate to SOLIRIS®

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WE ARE PURSUING DIFFERENTIATED APPROACHES TO THE TREATMENT LANDSCAPE

Rebalancing the immune system

Block

Deplete

Tolerize

Repair

Inhibit well-validated targets using innovative modalities

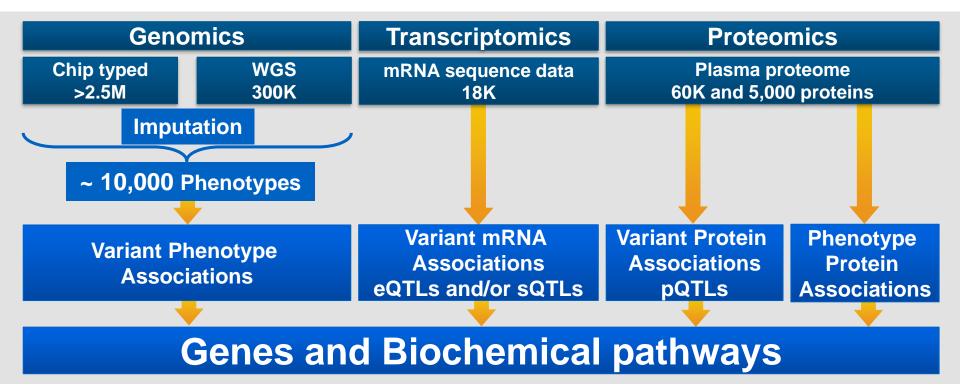
Remove cells or molecules that cause disease

Enhance population of antigen-specific regulatory T cells Regenerate cells that are damaged due to disease

We are leveraging our industry leading human genetics platform to advance innovative new therapies



WE ARE LEVERAGING OUR INDUSTRY-LEADING HUMAN GENETICS PLATFORM TO ADVANCE INNOVATIVE NEW THERAPIES





BROAD PORTFOLIO OF INFLAMMATION PRODUCTS*

Respiratory and Allergy



- Tezepelumab
 - Asthma
 - Chronic obstructive pulmonary disease
 - Chronic rhinosinusitis with nasal polyps
- AMG 714 / PRV015
 - Celiac disease

Gastrointestinal



- AMGEVITA™†
- AVSOLA™
 Biosimilar to Remicade®*
- Efavaleukin alfa (AMG 592)
 - Ulcerative colitis
- ABP 654

Dermatology



- Enbrel[®]
- Otezla[®]
 - Psoriasis
 - Psoriatic arthritis
 - Palmoplantar pustulosis
- AMGEVITA™†
- AVSOLA™
- Tezepelumab
 - Chronic spontaneous urticaria
- AMG 451 / KHK4083
 - Atopic dermatitis
- ABP 654

Rheumatology



- Enbrel[®]
- Otezla[®]
 - Psoriatic arthritis
- AMGEVITA™†
- AVSOLA™
- Efavaleukin alfa
 - Systemic lupus erythematosus (SLE)
 - Graft vs. host disease
- Rozibafusp alfa (AMG 570)
 - Systemic lupus erythematosus
- ABP 654





ROB LENZ, M.D., PH.D.SENIOR VICE PRESIDENT, GLOBAL DEVELOPMENT

MURDO GORDON

EXECUTIVE VICE PRESIDENT, GLOBAL COMMERCIAL OPERATIONS



AMG 451 / KHK4083

A FIRST-IN-CLASS ANTI-OX40 MONOCLONAL ANTIBODY WITH POTENTIAL ACROSS INFLAMMATORY DISEASES



ATOPIC DERMATITIS IS A PREVALENT DISEASE WITH SIGNIFICANT UNMET NEED

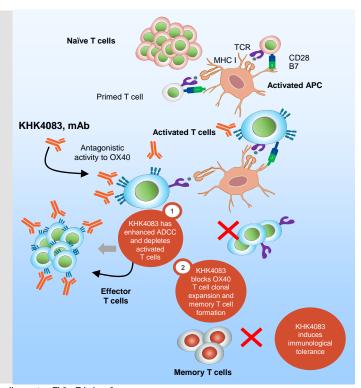
- Atopic dermatitis (AD) affects > 30 million people in major global markets, with particular unmet need in patients with moderate to severe disease
 - ~ 15%-30% of children and up to 3% of adults
 - ~ 1/3 have moderate to severe AD
 - ~ 1/3 develop allergic rhinitis and ~ 1/3 develop asthma
 - Environmental triggers for flare-ups are highly unpredictable
- Symptoms include dry, scaly skin, pruritus (itching)
- New, effective therapies are needed in the current treatment paradigm
 - Topical corticosteroids and topical calcineurin inhibitors
 - Systemic immunosuppressant and biologics





AMG 451 / KHK4083: PHASE 3-READY FOR ATOPIC DERMATITIS

- Activation of Th2 and other T cell subsets is central in atopic dermatitis
- The OX40–OX40L axis plays a critical role in long-lasting T cell responses
 - OX-40 ligand binding drives expression of pro-survival molecules and elevated cytokine production
- AMG 451 / KHK4083 is a fully human, afucosylated antibody with a dual mechanism of action
 - Blocks OX40 signaling
 - Depletes OX40 T cells
- T cell depletion reflected in clinical response
- Phase 3 initiation expected in H1 2022
- Amgen and Kyowa Kirin have a long history of successful collaboration on groundbreaking therapies





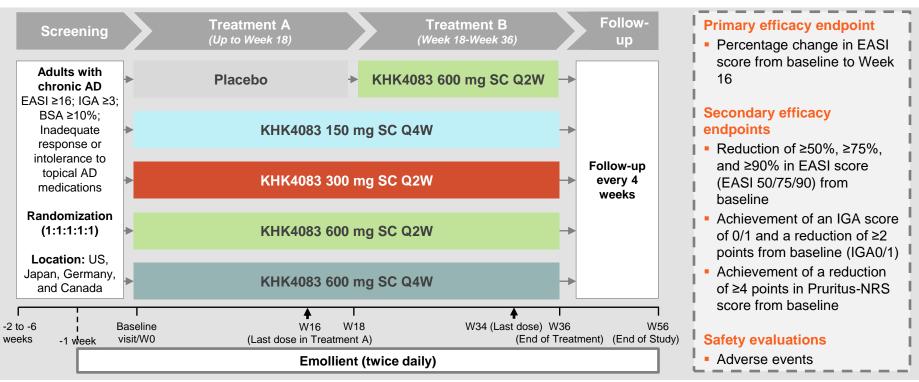
Efficacy and Safety Results of KHK4083/AMG 451 (Anti-OX40 mAb) in Subjects With Moderate to Severe Atopic Dermatitis: A Phase 2, Multicentre, Randomized, Double-blind, Parallel-Group, Placebo-Controlled Study

Emma Guttman-Yassky,¹ Eric Simpson,² Kristian Reich,³ Kenji Kabashima,⁴ Ken Igawa,⁵ Hidetoshi Takahashi,⁶ Keizo Matsuo,⁷ Yoshihiko Katahira,⁸ Kazutomo Toyofuku,⁹ Masatoshi Abe,¹⁰ Margrit Simon,¹¹ Oliver Weirich,¹² Tetsuya Suzuki,¹³ Shunichiro Orihara,¹³ Takeshi Matsui,¹³ Ehsanollah Esfandiari,¹⁴ Masutaka Furue¹⁵

¹Icahn School of Medicine at Mount Sinai, New York, USA; ²Oregon Health & Science University, Portland, USA; ³Translational Research in Inflammatory Skin Diseases, Institute for Health Services Research in Dermatology and Nursing, University Medical Center Hamburg-Eppendorf, Hamburg, Germany; ⁴Kyoto University, Kyoto, Japan; ⁵Dokkyo Medical University Hospital, Tochigi, Japan; ⁶Takagi Dermatological Clinic, Hokkaido, Japan; ⁷Matsuo Clinic, Fukuoka, Japan; ⁸Katahira Dermatology Clinic, Kagoshima, Japan; ⁹Yamate Dermatological Clinic, Tokyo, Japan; ¹⁰Sapporo Skin Clinic, Hokkaido, Japan; ¹¹Interdisciplinary Study Association GmbH, Berlin, Germany; ¹²Rosenpark Research GmbH, Darmstadt, Germany; ¹³Kyowa Kirin Co., Ltd., Tokyo, Japan; ¹⁴Kyowa Kirin International Plc, London, UK; ¹⁵Kyushu University, Fukuoka, Japan



PHASE 2 STUDY DESIGN (NCT03703102)



BSA =body surface area; EASI = Eczema Area and Severity Index; IGA = Investigator's Global Assessment; IP = Investigational product; NRS = Numerical Rating Scale; Q2W = every 2 weeks; Q4W = every 4 weeks; SC = subcutaneous; W = Week; Patients receiving rescue treatment before W36 assessment discontinued the IP and underwent end-of-study assessment.

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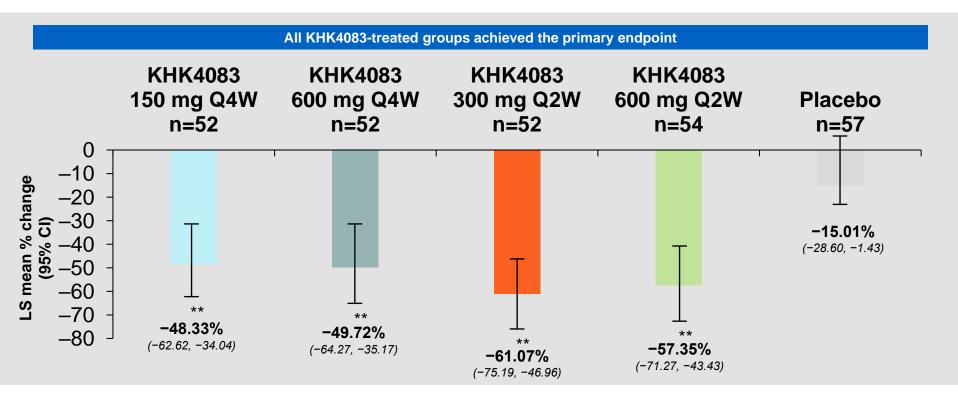
BASELINE DEMOGRAPHICS AND DISEASE CHARACTERISTICS (SAFETY ANALYSIS SET)

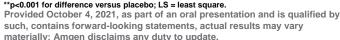
All baseline parameters were generally well-balanced among the treatment groups							
Characteristics*		KHK4083 150 mg Q4W N=54	KHK4083 600 mg Q4W N=53	KHK4083 300 mg Q2W N=55	KHK4083 600 mg Q2W N=54	Placebo/ KHK4083 600 mg Q2W N=57	Total N=273
Age, years		37.4 ± 13.6	38.9 ± 14.6	37.5 ± 14.1	37.3 ± 16.3	38.7 ± 14.4	38.0 ± 14.5
Sex, male, n (%)		37 (68.5)	31 (58.5)	31 (56.4)	30 (55.6)	31 (54.4)	160 (58.6)
Race, n (%)	Asian: Japanese	30 (55.6)	28 (52.8)	32 (58.2)	30 (55.6)	30 (52.6)	150 (54.9)
	Asian: Other	6 (11.1)	4 (7.5)	5 (9.1)	3 (5.6)	7 (12.3)	25 (9.2)
	Black or African American	3 (5.6)	1 (1.9)	2 (3.6)	1 (1.9)	6 (10.5)	13 (4.8)
	White	14 (25.9)	20 (37.7)	16 (29.1)	20 (37.0)	14 (24.6)	84 (30.8)
	Other	1 (1.9)	0	0	0	0	1 (0.4)
Body mass index at scree	ning, kg/m²	24.99 ± 4.81	24.69 ± 5.69	26.69 ± 7.24	25.19 ± 6.49	24.26 ± 5.23	25.16 ± 5.97
Duration from diagnosis o	of AD to randomization, years	6.47 ± 6.59	8.40 ± 8.32	8.59 ± 9.58	6.42 ± 5.69	6.41 ± 5.98	7.26 ± 7.32
Severity of AD - IGA, n (%)) 3	30 (55.6)	28 (52.8)	30 (54.5)	29 (53.7)	31 (54.4)	148 (54.2)
	4	24 (44.4)	25 (47.2)	25 (45.5)	25 (46.3)	26 (45.6)	125 (45.8)
Pruritus-NRS score		7.8 ± 1.6	7.5 ± 2.3	7.5 ± 1.6	7.6 ± 1.9	7.2 ± 2.3	7.5 ± 2.0
EASI score		32.8 ± 13.1	32.5 ± 12.7	32.2 ± 13.4	31.1 ± 11.8	29.2 ± 13.3	31.5 ± 12.8
SCORAD score		68.75 ± 12.57	69.44 ± 13.64	68.52 ± 14.36	68.79 ± 14.36	66.35 ± 14.05	68.34 ± 13.76
Percent BSA		59.5 ± 23.7	59.1 ± 25.2	56.8 ± 21.8	55.3 ± 23.4	54.3 ± 23.5	56.9 ± 23.5
Previous use of biological	products for treatment of AD, n (%)	7 (13.0)	5 (9.4)	8 (14.5)	8 (14.8)	9 (15.8)	37 (13.6)

^{*}Data presented as mean ± SD, unless specified otherwise. Data presented from safety analysis set, which included patients who received at least 1 dose of KHK4083; 273 of the 274 randomized patients were included in the safety analysis set. SCORAD, Severity scoring of atopic dermatitis.



PRIMARY ENDPOINT: % CHANGE IN EASI SCORES (WEEK 16) FROM BASELINE (LAST OBSERVATION CARRIED FORWARD, FULL ANALYSIS SET)

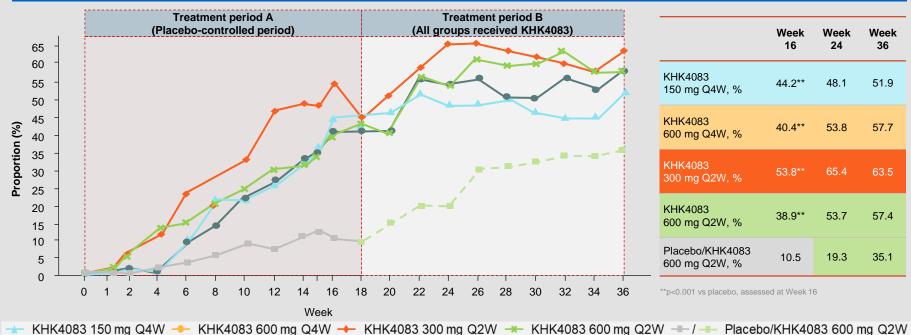






PROPORTION OF PATIENTS WHO ACHIEVED EASI-75 (NON-RESPONDER IMPUTATION, FULL ANALYSIS SET)

Proportions of EASI-75 responders at Week 16 were significantly higher in all KHK4083-treated cohorts versus placebo

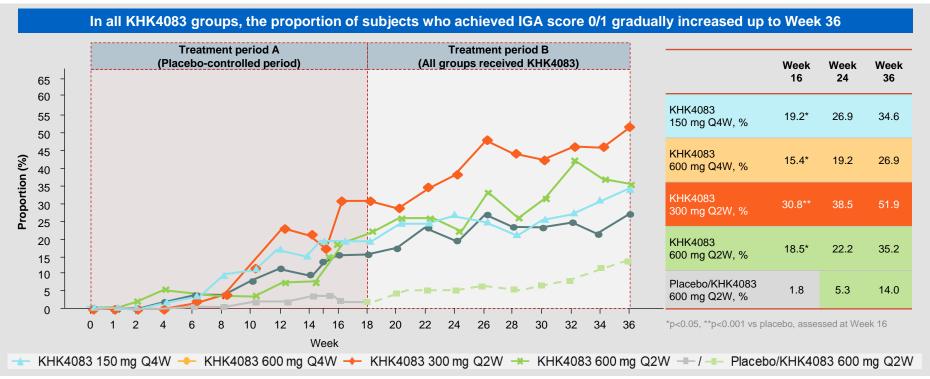


Note: Patients in the placebo group were switched to KHK4083 600 mg Q2W after Treatment A period. These data are based on non-responder imputations and the patients who used rescue therapy (either topical or systemic) were treated as non-responders after the use of rescue therapy.

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PROPORTIONS OF PATIENTS WHO ACHIEVED AN IGA SCORE OF 0/1 AND A REDUCTION OF ≥2 POINTS FROM BASELINE (NON-RESPONDER IMPUTATION, FULL ANALYSIS SET)



Note: Patients in the placebo group were switched to KHK4083 600 mg Q2W after Treatment A period. These data are based on non-responder imputations and the patients who used rescue therapy (either topical or systemic) were treated as non-responders after the use of rescue therapy.

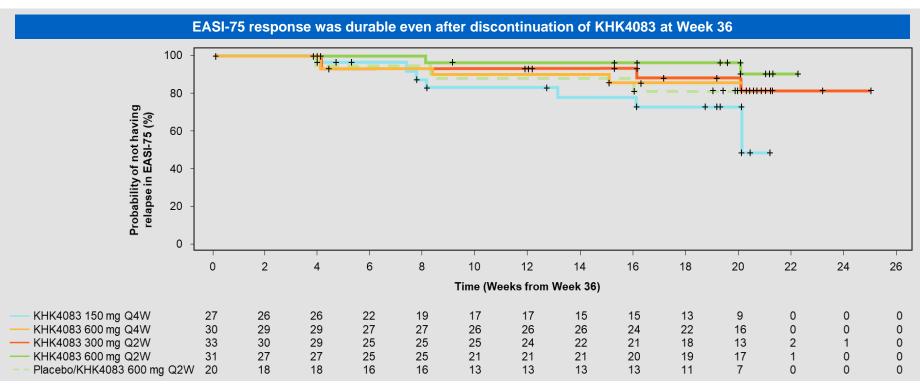
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DURABILITY OF EASI-75 RESPONSE AFTER TREATMENT DISCONTINUATION IN SUBJECTS WHO ACHIEVED EASI-75 AT WEEK 36



+: censored; Note: Subjects in the placebo group were switched to KHK4083 600 mg Q2W after Treatment A period. The numbers below the figure represent the number of remaining subjects at each visit. Note: Relapse is the loss of EASI-75 after achieving EASI-75 at Week 36. Note: Censored cases are prohibited concomitant medications and/or therapies including rescue treatment started before the event confirmed, study completion without the event confirmed, and early termination of the study without the event confirmed. Provided October 4, 2021, as part of an oral presentation and is qualified by

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TEAES – TREATMENT A PERIOD (SAFETY ANALYSIS SET)

In Treatment A period, 81% TEAEs occurred in KHK4083 groups versus 72% in the placebo group

Category	KHK4083 150 mg Q4W N=54	KHK4083 600 mg Q4W N=53	KHK4083 300 mg Q2W N=55	KHK4083 600 mg Q2W N=54	KHK4083 Total N=216	Placebo N=57
Any TEAEs	37 (68.5)	45 (84.9)	47 (85.5)	46 (85.2)	175 (81.0)	41 (71.9)
Serious TEAEs	3 (5.6)	1 (1.9)	3 (5.5)	1 (1.9)	8 (3.7)	1 (1.8)
TEAEs leading to treatment discontinuation	5 (9.3)	3 (5.7)	7 (12.7)	4 (7.4)	19 (8.8)	12 (21.1)
All deaths	0	0	0	0	0	0
TEAEs with severity grade of ≥3	6 (11.1)	1 (1.9)	5 (9.1)	4 (7.4)	16 (7.4)	2 (3.5)



TEAES IN >5% OF SUBJECTS IN THE TOTAL KHK4083 GROUP BY PREFERRED TERM - TREATMENT A PERIOD (SAFETY ANALYSIS SET)

- The most frequent TEAEs in KHK4083 groups were pyrexia, nasopharyngitis, worsening of AD, and chills
- Events of pyrexia and chills were mild to moderate in intensity and were mostly observed only after the first administration of KHK4083 and were not associated with any consequent treatment discontinuation
- No hypersensitivity reactions were observed

Preferred Term	KHK4083 150 mg Q4W N=54	KHK4083 600 mg Q4W N=53	KHK4083 300 mg Q2W N=55	KHK4083 600 mg Q2W N=54	KHK4083 Total N=216	Placebo N=57
Pyrexia	7 (13.0)	10 (18.9)	9 (16.4)	10 (18.5)	36 (16.7)	2 (3.5)
Nasopharyngitis	8 (14.8)	7 (13.2)	7 (12.7)	8 (14.8)	30 (13.9)	9 (15.8)
Dermatitis atopic	8 (14.8)	5 (9.4)	8 (14.5)	7 (13.0)	28 (13.0)	17 (29.8)
Chills	2 (3.7)	3 (5.7)	7 (12.7)	12 (22.2)	24 (11.1)	0
Headache	4 (7.4)	6 (11.3)	4 (7.3)	5 (9.3)	19 (8.8)	1 (1.8)
Aphthous ulcer	3 (5.6)	8 (15.1)	3 (5.5)	1 (1.9)	15 (6.9)	0
Nausea	3 (5.6)	2 (3.8)	1 (1.8)	7 (13.0)	13 (6.0)	1 (1.8)



AMG 451/KHK4083: A FIRST-IN-CLASS ANTI OX40 ANTIBODY WITH POTENTIAL ACROSS INFLAMMATORY DISEASES

- Novel mechanism of action blocks OX40 signaling and depletes OX40-expressing T cells
- Significant improvements in signs and symptoms of AD compared with placebo, across primary and secondary efficacy parameters at Week 16
- Progressive improvement in efficacy parameters beyond Week 16
- Sustained efficacy 20 weeks after treatment discontinuation
- May be a novel treatment option for patients with moderate-to-severe AD
- Given OX40 expression and proprietary human genetic data, we are exploring the potential in other inflammatory conditions

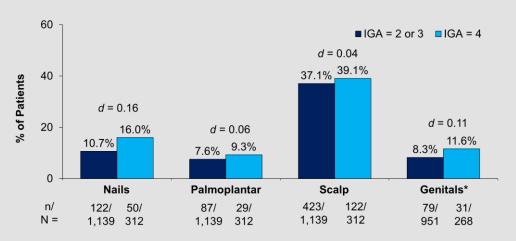


OTEZLA®

POTENTIAL TO BE FIRST AND ONLY SYSTEMIC ORAL TREATMENT FOR ACTIVE PSORIATIC ARTHRITIS AND MILD TO SEVERE PSORIASIS



BURDEN OF DISEASE IN MILD-TO-MODERATE PSORIASIS PATIENTS IS PERCEIVED TO BE THE SAME AS IN SEVERE PSORIASIS



^{*}Genital morphology data were available for 951 patients with mild to moderate IGA and 268 patients with severe IGA. d = standardized difference between groups; d > 0.1 considered a potentially meaningful difference.

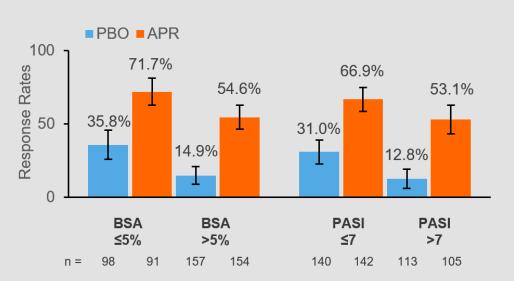
- Systemic therapy-naïve patients with mild-to-moderate psoriasis were associated with
 - Bothersome symptoms, such as fatigue and psoriasis in special areas
 - Substantial quality-of-life burden
 - Overall burden of disease similarly high as severe psoriasis

Data highlight the need for systemic oral therapies for mild to moderate psoriasis



EFFICACY OF OTEZLA® IN MILD-TO-MODERATE PSORIASIS PATIENTS REGARDLESS OF DISEASE EXTENT AT BASELINE



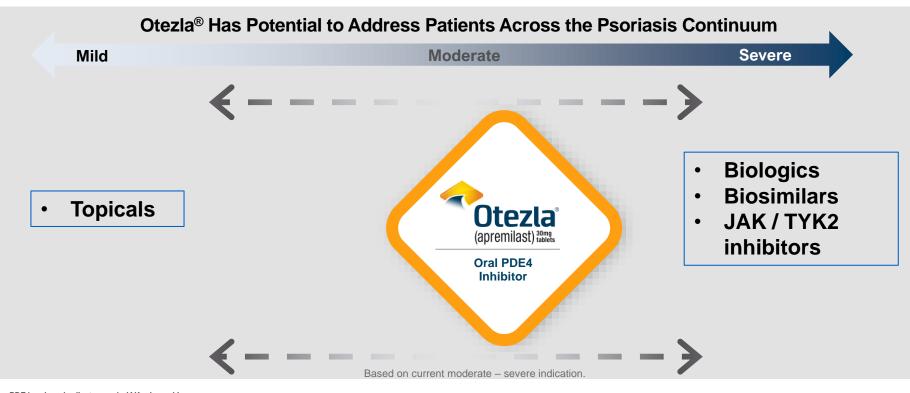


- More than half of patients achieved target of BSA<3 at Week 16
- No new safety signals were identified

ADVANCE study inclusion: Adults with mild-to-moderate plaque psoriasis (static Physician Global Assessment [sPGA] score of 2-3, with BSA of 2%-15% and PASI score of 2-15) who were biologic-naive and inadequately controlled with or intolerant to ≥1 topical therapy



MILD-TO-MODERATE PSORIASIS INDICATION COULD HELP OTEZLA® MOVE INTO EARLIER LINES OF TREATMENT





OTEZLA® IS WELL-POSITIONED FOR CONTINUED GROWTH

- Potential to be the first and only systemic oral treatment indicated for active psoriatic arthritis (PsA) as well as mild-to-severe psoriasis (PsO)
- Long-term safety profile, with no required lab monitoring or prescreening
- Over 90% of commercially insured lives have biologic step-free coverage for Otezla[®] in both PsA and PsO
- More than 700,000 patients have been treated across over 40 countries
- Approved in China—anticipated launch in 2022

Approximately 1.5M additional patients to address in the mild-to-moderate psoriasis setting



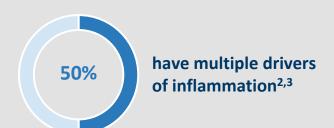
TEZEPELUMAB

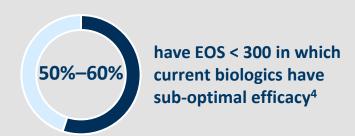
A FIRST-IN-CLASS INVESTIGATIONAL ANTI-TSLP
MONOCLONAL ANTIBODY WITH DEMONSTRATED
EFFICACY ACROSS A BROAD POPULATION OF PATIENTS
WITH SEVERE UNCONTROLLED ASTHMA



SIGNIFICANT UNMET MEDICAL NEEDS REMAINS IN TREATING SEVERE ASTHMA







EOS = eosinophils; 1. Llanos et al. *J Asthma Allergy* 2020; 13:77-87. 2. Lambrecht BN, Hammad H. *Nat Immunol*. 2015;16(1):45-56. 3. Tran TN, Zeiger RS, Peters SP, et.al. *Ann Allergy Asthma Immunol*. 2016;116(1):37-42. 4. Symptom burden of severe uncontrolled asthma and its impact on patient qualify of life and productivity loss - a NOVELTY analysis of baseline data.

Provided October 4, 2021, as part of an oral presentation and is qualified by

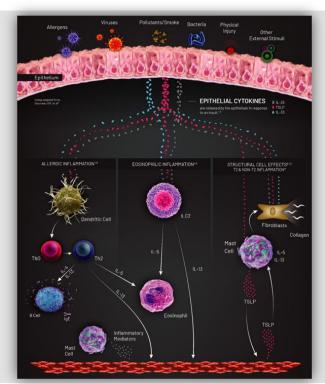
SIGNIFICANT UNMET NEED IN PATIENTS WITH SEVERE UNCONTROLLED ASTHMA

- Patients with severe uncontrolled asthma experience significant symptoms that impact their quality-of-life
 - Frequent exacerbations requiring systemic/oral corticosteroids¹
 - Serious exacerbations requiring 1.6M emergency room visits and 180K hospitalizations per year in the U.S.²
- Severe uncontrolled asthma accounts for 50% of asthma-related costs³



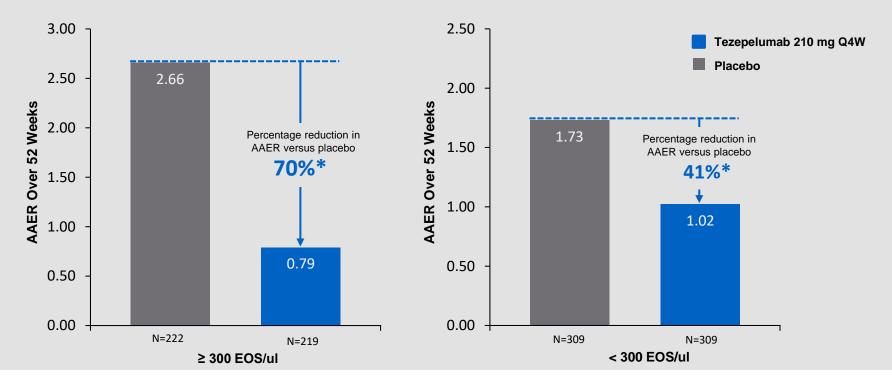
TEZEPELUMAB: A DIFFERENTIATED, FIRST-IN-CLASS INVESTIGATIONAL THERAPY FOR SEVERE ASTHMA

- Tezepelumab is the first human monoclonal antibody that specifically blocks TSLP, a key epithelial cytokine at the top of the inflammatory cascade
- In response to insults, the airway epithelium releases alarmins, including TSLP, which can play a key role in driving allergic, eosinophilic, and non-T2 inflammation¹⁻⁴
- Asthma is an epithelial-driven disease: the airway epithelium is a key source of an overreactive immune response¹⁻³
- The airway epithelium is the first point of contact for viruses, allergens, pollutants, and other environmental insults1-3
- This immune response can lead to increased inflammation, causing continued asthma symptoms and exacerbations¹⁻⁶





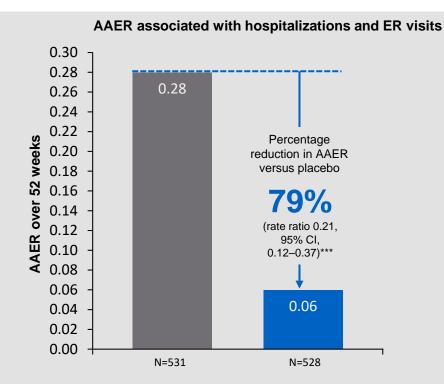
TEZEPELUMAB REDUCED EXACERBATIONS IRRESPECTIVE OF BASELINE EOSINOPHIL COUNTS AND ALLERGIC STATUS

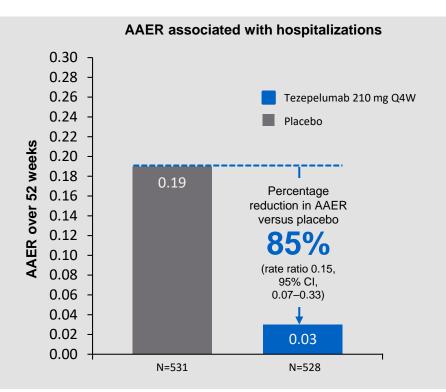






TEZEPELUMAB SIGNIFICANTLY REDUCED EXACERBATIONS REQUIRING HOSPITALIZATIONS OR ER VISITS





^{***}p<0.001 compared with placebo group; AAER = Annualized Asthma Exacerbation Rate; ER = Emergency Room

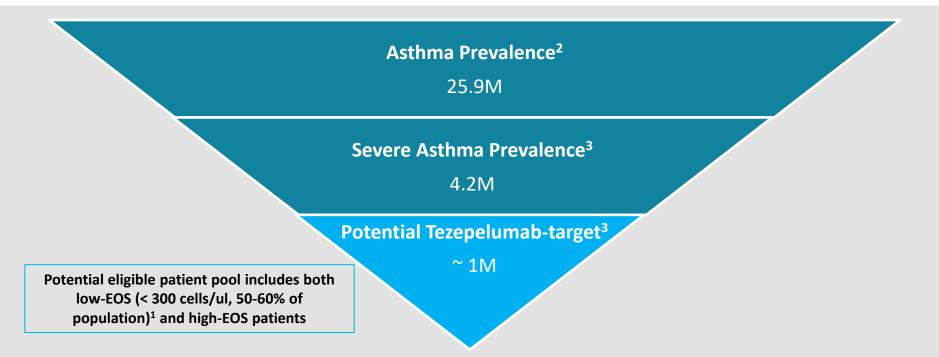


TEZEPELUMAB HAS THE POTENTIAL TO TRANSFORM CARE FOR PATIENTS WITH SEVERE ASTHMA

- First and only biologic to demonstrate significant and clinically meaningful reductions in exacerbations irrespective of:
 - Eosinophil counts
 - Fractional exhaled nitric oxide levels
 - Allergic status
- No clinically meaningful differences in safety results vs. placebo
- Potential first-line biologic in broad population
- U.S. asthma submission under priority review, with PDUFA date in Q1 2022



APPROXIMATELY 1 MILLION PATIENTS WITH SEVERE ASTHMA MAY BE ELIGIBLE FOR TEZEPELUMAB IN THE U.S.



^{1.} Symptom burden of severe uncontrolled asthma and its impact on patient qualify of life and productivity loss: a NOVELTY analysis of baseline data;



^{2. &}lt;a href="https://www.cdc.gov/asthma/most recent national asthma data.htm">https://www.cdc.gov/asthma/most recent national asthma data.htm accessed September 24, 2021; 3. IQVIA Longitudinal Access and Adjudication Data. Provided October 4, 2021, as part of an oral presentation and is qualified by

TEZEPELUMAB LAUNCH WILL BENEFIT FROM AMGEN AND ASTRAZENECA'S SHARED CAPABILITIES

- Commercialization of tezepelumab will reflect a "best of both" approach from Amgen and AstraZeneca
 - 20 years of Amgen contracting and access in inflammation
 - 50 years of AstraZeneca expertise in respiratory disease
 - Broad patient-support programs
 - Co-commercialization in U.S. and Canada, with coverage of both allergists and pulmonologists
 - Fully staffed respiratory sales force across Amgen & AstraZeneca

The combined expertise of Amgen and AstraZeneca will be used to maximize the potential of tezepelumab to serve asthma patients



EXPLORING TEZEPELUMAB IN MULTIPLE INDICATIONS BEYOND SEVERE ASTHMA

- Phase 3 study enrolling patients with chronic rhinosinusitis with nasal polyps
- Phase 2b study enrolling patients with chronic spontaneous urticaria
- Phase 2 study enrolling patients with COPD



AMG 714 / PRV-015

FIRST-IN-CLASS INVESTIGATIONAL ANTI IL-15 MONOCLONAL ANTIBODY FOR THE TREATMENT OF CELIAC DISEASE



AMG 714 / PRV-015 – NOVEL APPROACH TO TREATING CELIAC DISEASE

- Celiac disease is a serious autoimmune disease in genetically predisposed people where ingestion of gluten leads to small intestine damage
 - Affects ~ 0.7% of adults worldwide—up to 30% of patients have nonresponsive celiac disease (NRCD)^{1,2}
 - There are no approved therapies for NRCD, and patients' quality-of-life can be significantly impaired
- IL-15 is upregulated in celiac disease and triggers an anti-apoptotic pathway, leading to accumulation of inflammatory lymphocytes
- AMG 714 is a human monoclonal antibody that binds to IL-15 and may restore intestinal lymphocyte apoptosis and reduce lymphocyte accumulation in the gut
- AMG 714 was well tolerated in 6 prior clinical trials with ~ 300 patients
- Proof of concept demonstrated in Phase 2a studies with no dose-limiting toxicities
- Phase 2b study is currently enrolling patients with NRCD



EFAVALEUKIN ALFA

A NOVEL IL-2 MUTEIN DESIGNED TO SELECTIVELY INCREASE REGULATORY T CELLS

ROZIBAFUSP ALFA

A FIRST-IN-CLASS MULTISPECIFIC BIOLOGIC THAT TARGETS BAFF AND ICOSL SIMULTANEOUSLY



SYSTEMIC LUPUS ERYTHEMATOSUS IS AN AUTOIMMUNE DISEASE IN NEED OF NEW EFFECTIVE THERAPIES

- Diagnosed prevalence estimate for SLE is ~ 250K in the U.S.,
 ~ 500K in 7 major worldwide markets—expected to grow at 0.5% annually
- SLE is > 2X as prevalent in African Americans than other racial groups in the U.S.
- Females account for ~ 90% of the diagnosed prevalent cases;
 ~50% are of child-bearing age
- Fatigue and pain often result in missed work, job loss, and challenges with parenting and social relationships
- Only 2 therapies approved in the last 40 years



EFAVALEUKIN ALFA

A NOVEL IL-2 MUTEIN DESIGNED TO SELECTIVELY INCREASE REGULATORY T CELLS



EFAVALEUKIN ALFA (AMG 592) IS AN IL-2 MUTEIN DESIGNED TO ADDRESS AUTOIMMUNE DISORDERS

- Regulatory T cells (Tregs) maintain balance in the immune system by negatively regulating other immune cells
- Treg impairment or deficiency has been reported in multiple human autoimmune conditions
- Phase 1a single ascending dose study in healthy volunteers demonstrated
 - Dose-dependent increases of Tregs and minimal to no increases in NK cells and T effector cells (Teffs)
 - Well tolerated
 - Phase 1b safety and PK data to be presented in Q4 '21
- Studies underway in the following indications
 - Phase 2 for SLE in FDA's Complex Innovative Trial Designs Pilot Program
 - Phase 2 for ulcerative colitis
 - Phase 1b for chronic graft vs. host disease





ROZIBAFUSP ALFA

A FIRST-IN-CLASS MULTISPECIFIC BIOLOGIC THAT TARGETS BAFF AND ICOSL SIMULTANEOUSLY



ROZIBAFUSP ALFA IS A FIRST-IN-CLASS, MULTISPECIFIC BIOLOGIC THAT TARGETS BAFF AND ICOSL SIMULTANEOUSLY

- T cell B cell interactions are crucial in the production of autoreactive antibodies, a hallmark
 of autoimmune diseases such as SLE
- Interaction of inducible T cell co-stimulator (ICOS), with its sole ligand ICOSL, triggers key activities of T cells
- B-cell activating factor (BAFF) plays an important role in B-cell survival, maturation, and function
- Inhibition of both ICOSL and BAFF was more efficacious than single-target inhibition in preclinical models
- Rozibafusp alfa was successfully evaluated in Phase 1 clinical trials
 - Demonstrated acceptable safety, tolerability, and PK profile
 - Dose-dependent and reversible dual-target engagement (BAFF inhibition and high ICOSL receptor occupancy)
- Phase 2b study is enrolling patients with SLE



AMGEN'S 20 YEARS OF LEADERSHIP IN INFLAMMATION









- ETEZEPELUMAB
- AMG 451 / KHK4083
- AMG 714 / PRV-015
- AMG 570 (Rozibafusp alfa)
- AMG 592 (Efavaleukin alfa)
- Biosimilar candidates to
 - STELARA®
 - EYLEA®
 - SOLIRIS®



SEVERAL INFLAMMATION BIOSIMILAR LAUNCHES TO GENERATE GROWTH

- We commercialize biosimilars alongside our branded products, which creates a cost-effective selling model
- Successfully developed a \$2 billion franchise
- EU leadership
- Broad portfolio that complements our branded products
- Sequential launch opportunities
- Large economic pool

We see opportunity for meaningful portfolio growth from launches of additional biosimilars and expansion into new markets



BIOSIMILARS ARE ANNUALIZING AT \$2 BILLION; FUTURE GROWTH TO BE DRIVEN BY SEQUENTIAL LAUNCHES

Originator Product	2020 WW Originator Sales	Therapeutic Area	Amgen Biosimilar	Amgen Biosimilar Status		
AVASTIN®	~\$5B	Hematology-Oncology	MVASI®	Launched in U.S. & EU		
HERCEPTIN®	~\$4B	Hematology-Oncology	KANJINTI [®]	Launched in U.S. & EU		
Rituxan [®]	~\$5B	Hematology-Oncology	RIABNI™	Launched in U.S.		
Remicade®	~\$4B	Inflammation	AVSOLA™	Launched in U.S.		
HUMIRA®	~\$20B	Inflammation	AMGEVITA™*	Launched in EU; 1/31/23 U.S. Launch		
EYLEA®	~\$8B	Inflammation	ABP 938	Phase 3		
STELARA®	~\$8B	Inflammation	ABP 654	Phase 3		
SOLIRIS®	~\$4B	Hematology-Oncology	ABP 959	Phase 3; 3/1/25 U.S. Launch		
#9-11	~\$27B	Undisclosed	Undisclosed	Process Development		
Total	~\$86B					

Our inflammation biosimilar candidates provide access to a market opportunity with ~ \$40B of corresponding originator sales in 2020

*Approved in the U.S. as AMJEVITA™; MVASI® (bevacizumab-awwb) is a biosimilar to AVASTIN®, a registered trademark of Genentech, Inc.; KANJINTII® (trastuzumab-anns) is a biosimilar to HERCEPTIN®, a registered trademark of Genentech, Inc.; RIABNI™ (rituximab-arrx) is a biosimilar to Rituxan, a registered trademark of Biogen, Inc.
Provided October 4, 2021, as part of an oral presentation and is qualified by



SEQUENTIAL LAUNCHES OF BIOSIMILARS WILL STRENGTHEN OUR INFLAMMATION PRESENCE WITH PATIENTS

Phase 3 data for biosimilar candidates to STELARA®, EYLEA®, & SOLIRIS®

Anticipated
AMJEVITA™ U.S. launch
(January 31, 2023)

Anticipated U.S. launch of ABP 959, biosimilar candidate to SOLIRIS® (March 1, 2025)

Additional biosimilar candidates

2022

2023

2025

Phase 3 data will be followed by timely launches for our biosimilar candidates to STELARA®, EYLEA®, and SOLIRIS®



OUR BROAD INFLAMMATION PORTFOLIO BENEFITS FROM STRONG ACCESS CAPABILITIES









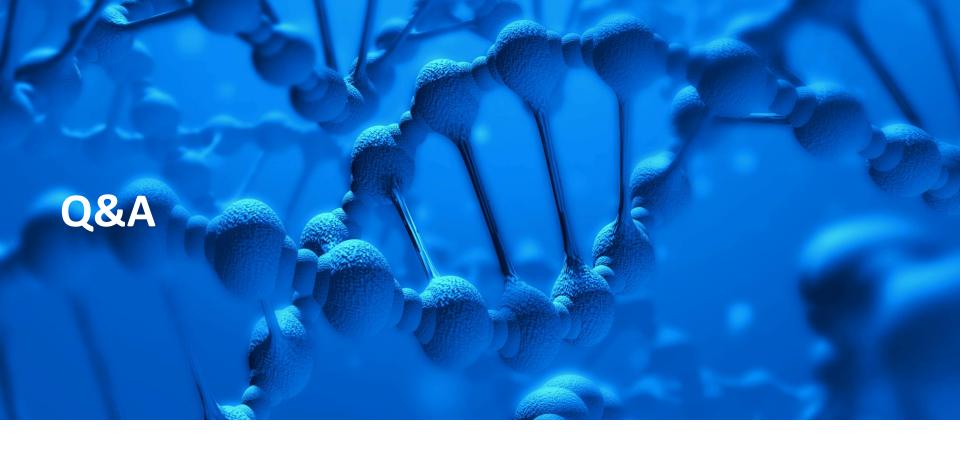
- Proven success in contracting over 20 years
 - Enbrel®: > 85% first-line coverage
 - Otezla[®]: > 90% first-line coverage
- Digital capabilities leveraged through the pandemic to address patients, healthcare providers, and payors
- Leading inflammation market-access account team
 - Amgen ranked #4 in 2021 Managed Care Account Management Performance survey
- Expanding capability through new Otezla® patient-access programs, upcoming tezepelumab launch, and biosimilars experience



WE EXPECT INFLAMMATION TO BE A MEANINGFUL GROWTH DRIVER

- Amgen is well-positioned to build on our ~20 years of leadership in inflammation
- We have near-term launch opportunities for multiple innovative molecules
 - Mild-to-moderate indication would allow Otezla® to treat patients across psoriasis continuum
 - Tezepelumab launch will leverage Amgen's and AstraZeneca's experience in inflammation
- We have a robust, innovative pipeline addressing areas of unmet need
 - Additional potential indications for tezepelumab and Otezla®
 - AMG 451 Phase 3 atopic dermatitis program anticipated to begin in H1 2022
 - Mid-stage pipeline of first-in-class programs in celiac disease (AMG 714/PRV-015), SLE (efavaleukin alfa, rozibafusp alfa), and UC (efavaleukin alfa)
- Biosimilars represent a meaningful growth opportunity
 - Phase 3 data for biosimilar candidates to STELARA®, EYLEA®, and SOLIRIS® expected in 2022













Efficacy and Safety Results of KHK4083/AMG 451 (Anti-OX40 mAb) in Subjects With Moderate to Severe Atopic Dermatitis: A Phase 2, Multicentre, Randomized, Double-blind, Parallel-Group, Placebo-Controlled Study

Emma Guttman-Yassky,¹ Eric Simpson,² Kristian Reich,³ Kenji Kabashima,⁴ Ken Igawa,⁵ Hidetoshi Takahashi,⁶ Keizo Matsuo,⁷ Yoshihiko Katahira,⁸ Kazutomo Toyofuku,⁹ Masatoshi Abe,¹⁰ Margrit Simon,¹¹ Oliver Weirich,¹² Tetsuya Suzuki,¹³ Shunichiro Orihara,¹³ Takeshi Matsui,¹³ Ehsanollah Esfandiari,¹⁴ Masutaka Furue¹⁵

¹Icahn School of Medicine at Mount Sinai, New York, USA; ²Oregon Health & Science University, Portland, USA; ³Translational Research in Inflammatory Skin Diseases, Institute for Health Services Research in Dermatology and Nursing, University Medical Center Hamburg-Eppendorf, Hamburg, Germany; ⁴Kyoto University, Kyoto, Japan; ⁵Dokkyo Medical University Hospital, Tochigi, Japan; ⁶Takagi Dermatological Clinic, Hokkaido, Japan; ⁵Matsuo Clinic, Fukuoka, Japan; ⁶Katahira Dermatology Clinic, Kagoshima, Japan; ⁰Yamate Dermatological Clinic, Tokyo, Japan; ¹⁰Sapporo Skin Clinic, Hokkaido, Japan; ¹¹Interdisciplinary Study Association GmbH, Berlin, Germany; ¹²Rosenpark Research GmbH, Darmstadt, Germany; ¹³Kyowa Kirin Co., Ltd., Tokyo, Japan; ¹⁴Kyowa Kirin International Plc, London, UK; ¹⁵Kyushu University, Fukuoka, Japan



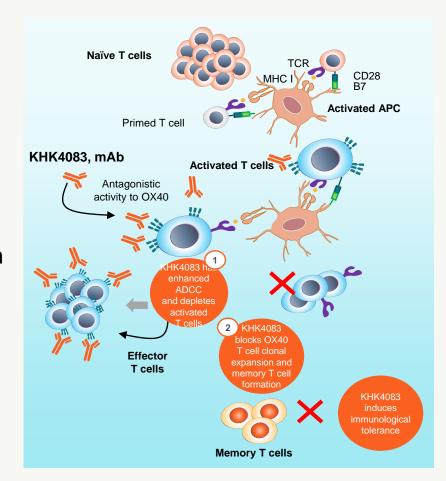
Speaker Disclosures

- Research support, consulting or lecture fees on atopic dermatitis received from Regeneron, Sanofi, Pfizer, Galderma, Celgene, Leo Pharma, Janssen, Medimmune, Dermira, Anacor, AnaptysBio, Glenmark, Novartis, Abbvie, GSK, Sun Pharma, Mitsubishi Tanabe, Vitae, Almirall, Asana Biosciences, Amgen, Immune, Gilead, Concert, Kyowa Kirin, DS Biopharma, Ralexar, Eli Lilly, UCB, Escalier, Boehringer, Botanix, Incyte, Sienna, Innovaderm, Cara Therapeutics, Dermavant, Union Therapeutics, Kiniksa, Arena, FLX Bio, Target
- No patents, ownership, or financial gain achieved from any atopic dermatitis drug



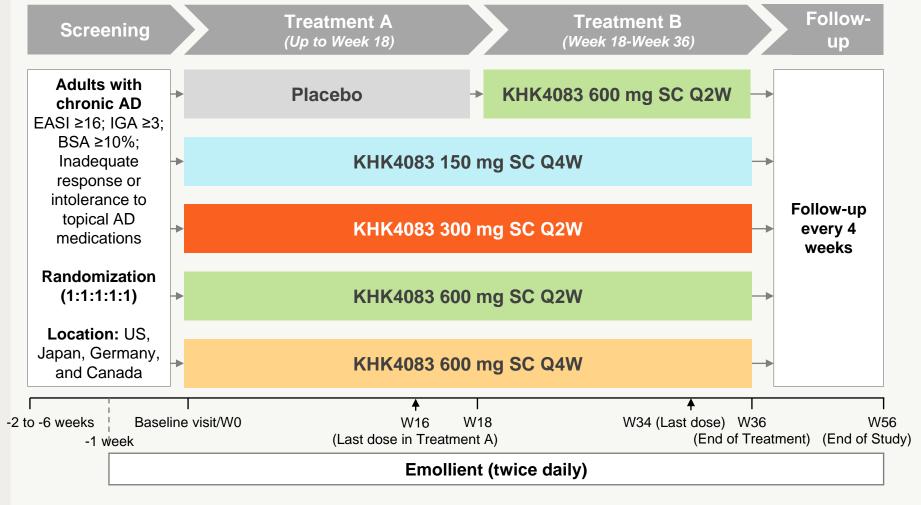
KHK4083/AMG 451 targets OX40 as a potential novel target for AD treatment

- Activation of Th2 and other T-cell subsets is central in atopic dermatitis (AD)
- The OX40–OX40L axis plays a critical role in long-lasting Tcell responses
 - OX40 is primarily expressed by activated T cells and binds OX40L on antigen-presenting cells (APCs), facilitating the effector function of T cells
- KHK4083/AMG 451 is a fully human, anti-OX40, nonfucosylated IgG1 monoclonal antibody with enhanced antibody-dependent cellular cytotoxicity (ADCC)¹
 - It inhibits and depletes activated T cells, inhibiting T-cell clonal expansion and memory T-cell formation²



Mechanism of action of KHK4083²

Phase 2 Study Design (NCT03703102)



Primary efficacy endpoint

Percentage change in EASI score from baseline to Week
 16

Secondary efficacy endpoints

- Reduction of ≥50%, ≥75%, and ≥90% in EASI score (EASI 50/75/90) from baseline
- Achievement of an IGA score of 0/1 and a reduction of ≥2 points from baseline (IGA0/1)
- Achievement of a reduction of ≥4 points in Pruritus-NRS score from baseline

Safety evaluations

Adverse events

AD, atopic dermatitis; BSA, body surface area; EASI, Eczema Area and Severity Index; IGA, Investigator's Global Assessment; IP, Investigational product; NRS, Numerical Rating Scale; Q2W, every 2 weeks; Q4W, every 4 weeks; SC, subcutaneous; W, Week Patients receiving rescue treatment before W36 assessment discontinued the IP and underwent end-of-study assessment

Baseline Demographics and Disease Characteristics (Safety Analysis Set)

All baseline parameters were generally well-balanced among the treatment groups

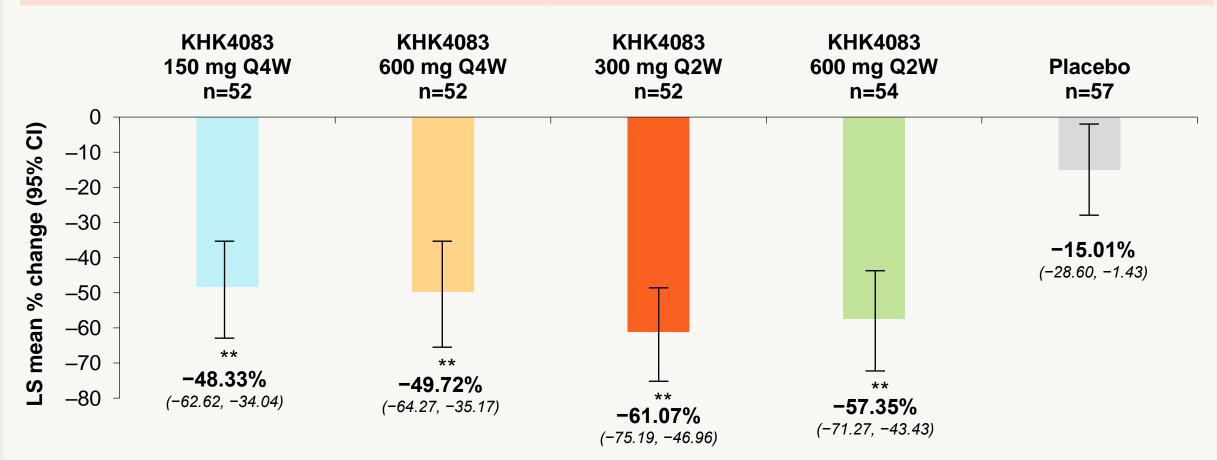
		KHK4083	KHK4083	KHK4083	KHK4083	Placebo/ KHK4083	
Characteristics*		150 mg Q4W N=54		300 mg Q2W N=55		600 mg Q2W N=57	Total N=273
Age, years		37.4 ± 13.6	38.9 ± 14.6	37.5 ± 14.1	37.3 ± 16.3	38.7 ± 14.4	38.0 ± 14.5
Sex, male, n (%)		37 (68.5)	31 (58.5)	31 (56.4)	30 (55.6)	31 (54.4)	160 (58.6)
Race, n (%)	Asian: Japanese	30 (55.6)	28 (52.8)	32 (58.2)	30 (55.6)	30 (52.6)	150 (54.9)
	Asian: Other	6 (11.1)	4 (7.5)	5 (9.1)	3 (5.6)	7 (12.3)	25 (9.2)
	Black or African American	3 (5.6)	1 (1.9)	2 (3.6)	1 (1.9)	6 (10.5)	13 (4.8)
	White	14 (25.9)	20 (37.7)	16 (29.1)	20 (37.0)	14 (24.6)	84 (30.8)
	Other	1 (1.9)	0	0	0	0	1 (0.4)
Body mass index at screening, kg/m ²		24.99 ± 4.81	24.69 ± 5.69	26.69 ± 7.24	25.19 ± 6.49	24.26 ± 5.23	25.16 ± 5.97
Duration from diagnosis of AD to randomization, years		6.47 ± 6.59	8.40 ± 8.32	8.59 ± 9.58	6.42 ± 5.69	6.41 ± 5.98	7.26 ± 7.32
Severity of AD - IGA, n (%)	3	30 (55.6)	28 (52.8)	30 (54.5)	29 (53.7)	31 (54.4)	148 (54.2)
	4	24 (44.4)	25 (47.2)	25 (45.5)	25 (46.3)	26 (45.6)	125 (45.8)
Pruritus-NRS score		7.8 ± 1.6	7.5 ± 2.3	7.5 ± 1.6	7.6 ± 1.9	7.2 ± 2.3	7.5 ± 2.0
EASI score		32.8 ± 13.1	32.5 ± 12.7	32.2 ± 13.4	31.1 ± 11.8	29.2 ± 13.3	31.5 ± 12.8
SCORAD score		68.75 ± 12.57	69.44 ± 13.64	68.52 ± 14.36	68.79 ± 14.36	66.35 ± 14.05	68.34 ± 13.76
Percent BSA		59.5 ± 23.7	59.1 ± 25.2	56.8 ± 21.8	55.3 ± 23.4	54.3 ± 23.5	56.9 ± 23.5
Previous use of biological products for treatment of AD, n (%)		7 (13.0)	5 (9.4)	8 (14.5)	8 (14.8)	9 (15.8)	37 (13.6)

AD, atopic dermatitis; BSA, body surface area; EASI, Eczema Area and Severity Index; IGA, Investigator's Global Assessment; NRS, Numerical Rating Scale; SCORAD, Severity scoring of atopic dermatitis; Q2W, every 2 weeks; Q4W, every 4 weeks

^{*}Data presented as mean ± SD, unless specified otherwise. Data presented from safety analysis set, which included patients who received at least 1 dose of KHK4083; 273 of the 274 randomized patients were included in the safety analysis set.

Primary Endpoint: % Change in EASI Scores (Week 16) From Baseline (Last observation carried forward, Full Analysis Set)

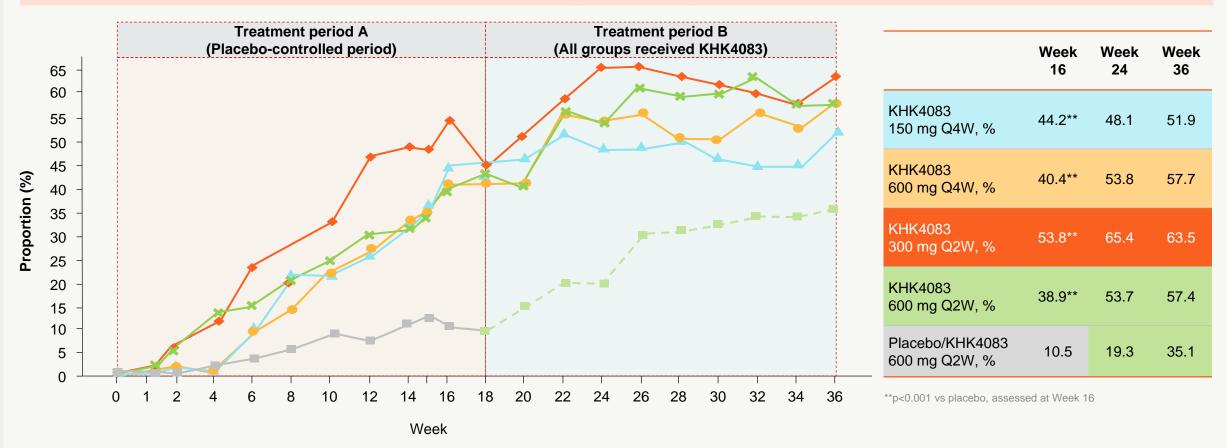




EASI, Eczema Area and Severity Index; LS, least square; Q2W, every 2 weeks; Q4W, every 4 weeks

Proportion of Patients Who Achieved EASI-75 (Non-responder Imputation, Full Analysis Set)

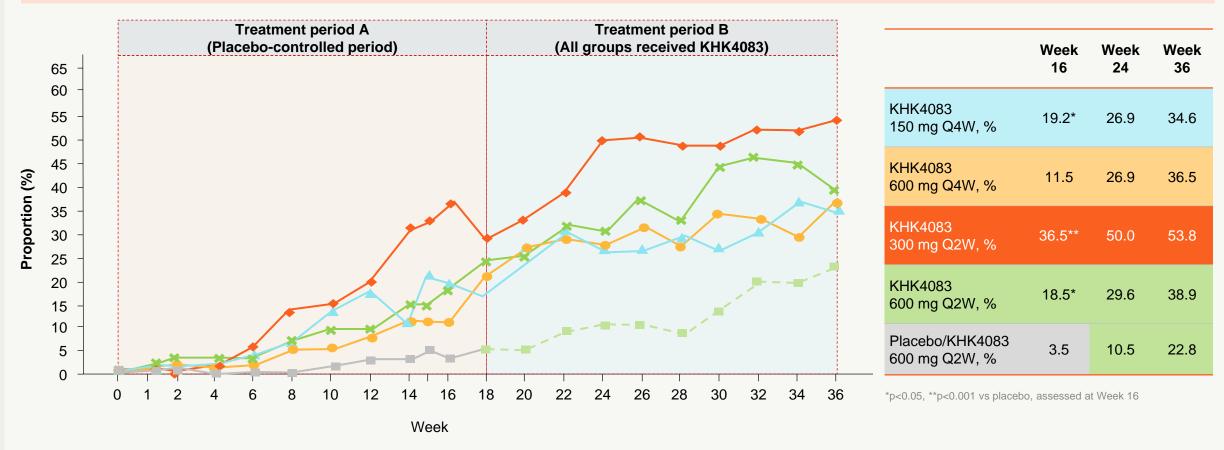
Proportions of EASI-75 responders at Week 16 were significantly higher in all KHK4083-treated cohorts versus placebo



[★] KHK4083 150 mg Q4W → KHK4083 600 mg Q4W → KHK4083 300 mg Q2W → KHK4083 600 mg Q2W → / → Placebo/KHK4083 600 mg Q2W

Proportion of Patients Who Achieved EASI-90 (Non-responder Imputation, Full Analysis Set)

Proportions of EASI-90 responders at Week 16 were significantly higher in most KHK4083-treated cohorts versus placebo

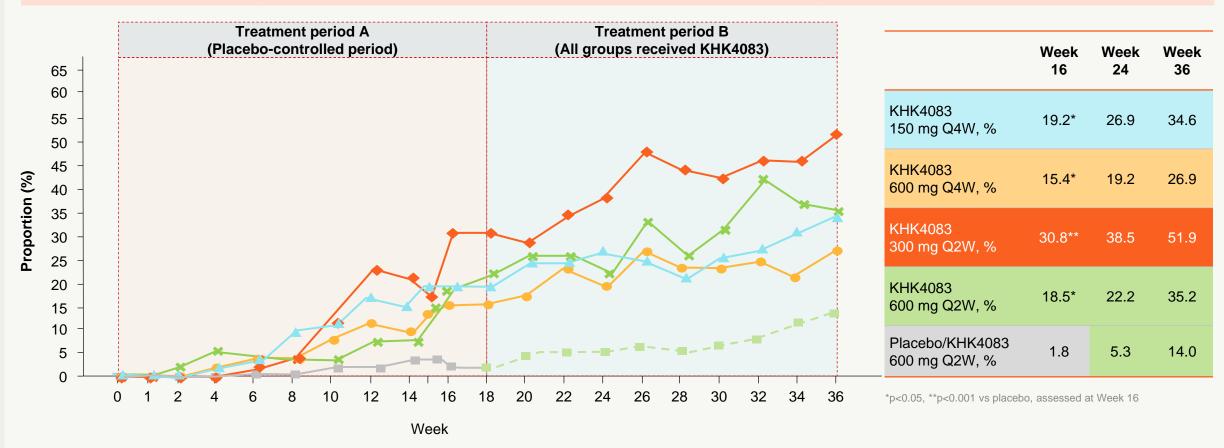


KHK4083 150 mg Q4W → KHK4083 600 mg Q4W → KHK4083 300 mg Q2W → KHK4083 600 mg Q2W → / → Placebo/KHK4083 600 mg Q2W

EASI, Eczema Area and Severity Index; Q2W, every 2 weeks; Q4W, every 4 weeks

Proportions of Patients Who Achieved an IGA Score of 0/1 and a Reduction of ≥2 Points from Baseline (Non-responder Imputation, Full Analysis Set)

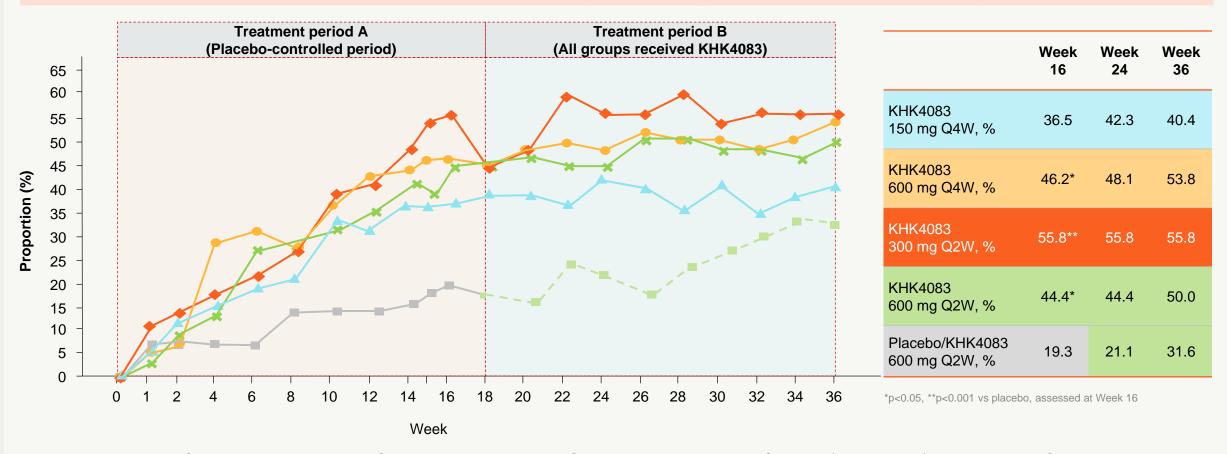
In all KHK4083 groups, the proportion of subjects who achieved IGA score 0/1 gradually increased up to Week 36



★ KHK4083 150 mg Q4W → KHK4083 600 mg Q4W → KHK4083 300 mg Q2W → KHK4083 600 mg Q2W → Placebo/KHK4083 600 mg Q2W

Proportions of Patients Who Achieved Reduction of ≥4 Points for Pruritus-NRS (Non-responder Imputation, Full Analysis Set)

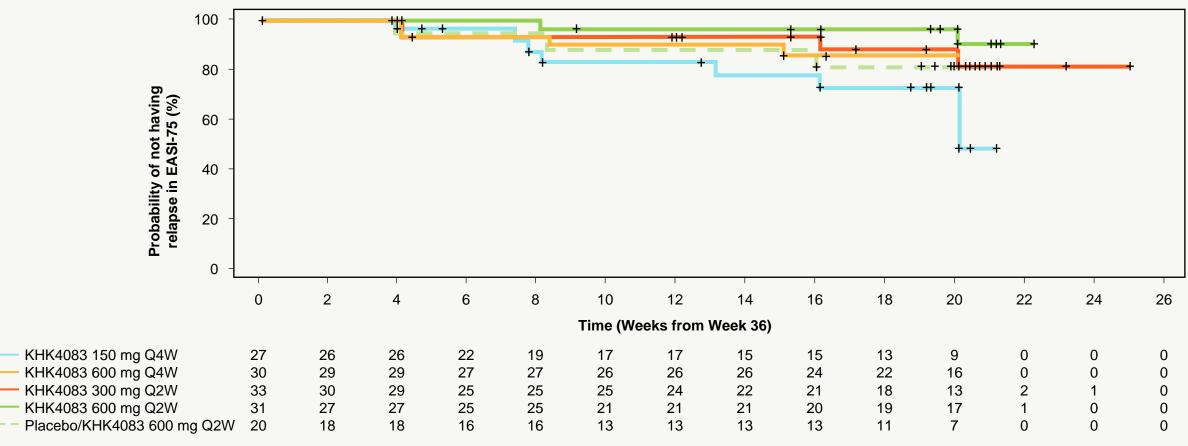
Proportions of Pruritus-NRS responders at Week 16 were significantly higher in most KHK4083-treated groups versus placebo



★ KHK4083 150 mg Q4W → KHK4083 600 mg Q4W → KHK4083 300 mg Q2W → KHK4083 600 mg Q2W → Placebo/KHK4083 600 mg Q2W

Durability of EASI-75 Response After Treatment Discontinuation in Subjects who achieved EASI-75 at Week 36

EASI-75 response was durable even after discontinuation of KHK4083 at Week 36



^{+:} censored, EASI: Eczema Area and Severity Index, Q2W, every 2 weeks; Q4W, every 4 weeks

Note: Subjects in the placebo group were switched to KHK4083 600 mg Q2W after Treatment A period. The numbers below the figure represent the number of remaining subjects at each visit.

Note: Relapse is the loss of EASI-75 after achieving EASI-75 at Week 36.

Note: Censored cases are prohibited concomitant medications and/or therapies including rescue treatment started before the event confirmed, study completion without the event confirmed.

TEAEs – Treatment A Period (Safety Analysis Set)

In Treatment A period, 81% TEAEs occurred in KHK4083 groups versus 72% in the placebo group

Category	KHK4083 150 mg Q4W N=54	KHK4083 600 mg Q4W N=53	KHK4083 300 mg Q2W N=55	KHK4083 600 mg Q2W N=54	KHK4083 Total N=216	Placebo N=57
Any TEAEs	37 (68.5)	45 (84.9)	47 (85.5)	46 (85.2)	175 (81.0)	41 (71.9)
Serious TEAEs	3 (5.6)	1 (1.9)	3 (5.5)	1 (1.9)	8 (3.7)	1 (1.8)
TEAEs leading to treatment discontinuation	5 (9.3)	3 (5.7)	7 (12.7)	4 (7.4)	19 (8.8)	12 (21.1)
All deaths	0	0	0	0	0	0
TEAEs with severity grade of ≥3	6 (11.1)	1 (1.9)	5 (9.1)	4 (7.4)	16 (7.4)	2 (3.5)

TEAEs in >5% of Subjects in the Total KHK4083 Group by Preferred Term - Treatment A Period (Safety Analysis Set)

- The most frequent TEAEs in KHK4083 groups were pyrexia, nasopharyngitis, worsening of AD, and chills
- Events of pyrexia and chills were mild to moderate in intensity and were mostly observed only after the first administration of KHK4083 and were not associated with any consequent treatment discontinuation
- No hypersensitivity reactions were observed

Preferred Term	KHK4083 150 mg Q4W N=54	KHK4083 600 mg Q4W N=53	KHK4083 300 mg Q2W N=55	KHK4083 600 mg Q2W N=54	KHK4083 Total N=216	Placebo N=57
Pyrexia	7 (13.0)	10 (18.9)	9 (16.4)	10 (18.5)	36 (16.7)	2 (3.5)
Nasopharyngitis	8 (14.8)	7 (13.2)	7 (12.7)	8 (14.8)	30 (13.9)	9 (15.8)
Dermatitis atopic	8 (14.8)	5 (9.4)	8 (14.5)	7 (13.0)	28 (13.0)	17 (29.8)
Chills	2 (3.7)	3 (5.7)	7 (12.7)	12 (22.2)	24 (11.1)	0
Headache	4 (7.4)	6 (11.3)	4 (7.3)	5 (9.3)	19 (8.8)	1 (1.8)
Aphthous ulcer	3 (5.6)	8 (15.1)	3 (5.5)	1 (1.9)	15 (6.9)	0
Nausea	3 (5.6)	2 (3.8)	1 (1.8)	7 (13.0)	13 (6.0)	1 (1.8)



Conclusions

- KHK4083/AMG 451 represents a novel mechanism of action and its use resulted in significant improvements in signs and symptoms of AD compared with placebo, across primary and secondary efficacy parameters at Week 16
- Importantly, KHK4083/AMG 451 demonstrated progressive improvement in efficacy parameters beyond Week 16
- KHK4083/AMG 451 demonstrated sustained efficacy for another 20 weeks after treatment discontinuation (until Week 56)
- KHK4083/AMG 451 was well-tolerated and did not show safety concerns
- KHK4083/AMG 451 may be a novel treatment option for patients with moderate-to-severe AD



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