Kyowa Kirin Co., Ltd.

40th Annual J.P. Morgan Healthcare Conference

January 10, 2022 (EST)

Event Summary

[Event Name]	40th Annual J.P. Morgan Healthcare Conference
[Date]	January 10, 2022 (EST)
[Speaker]	Masashi Miyamoto, Ph.D. Representative Director of the Board, President and Chief Executive Officer

Presentation

Delivering Life-changing Value as a Global Specialty Pharma

J.P. Morgan Healthcare Conference
January 10, 2022

Masashi Miyamoto, Ph.D.
Representative Director of the Board,
President and Chief Executive Officer

KYOWA KIRIN

This document contains certain forward-looking statements relating to such items as the Company's forecasts, targets and plans (including those of its domestic and overseas subsidiaries). These forward-looking statements are based upon information available to the Company at the present time and upon reasonable assumptions made by the Company in making its forecasts, but actual results may differ substantially due to uncertain factors.

These uncertain factors include, but are not limited to, inherent risks in the business activities of the pharmaceutical industry in Japan and overseas, intellectual property risks, risk of product side effects, legal regulation risks, product defect risks, risks of changes to prices for raw materials, risks of changes to market prices, as well as risks of changes to foreign exchange rates and financial markets.

This document is provided to investors for informational purposes only. It contains information on pharmaceutical products (including products under development), but the contents should not be construed as promotion, advertising or as a medical recommendation.

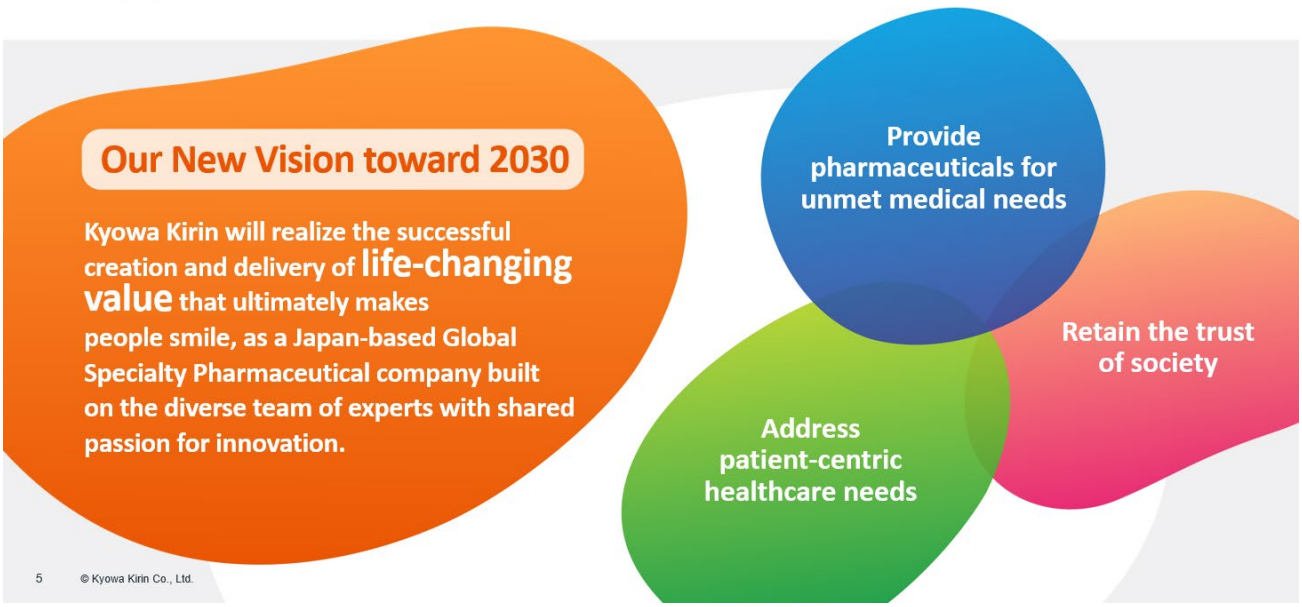
The registered trademarks contained herein are the property of Kyowa Kirin Co., Ltd. or respective owners.

Agenda

KYOWA KIRIN

KYOWA KIRIN

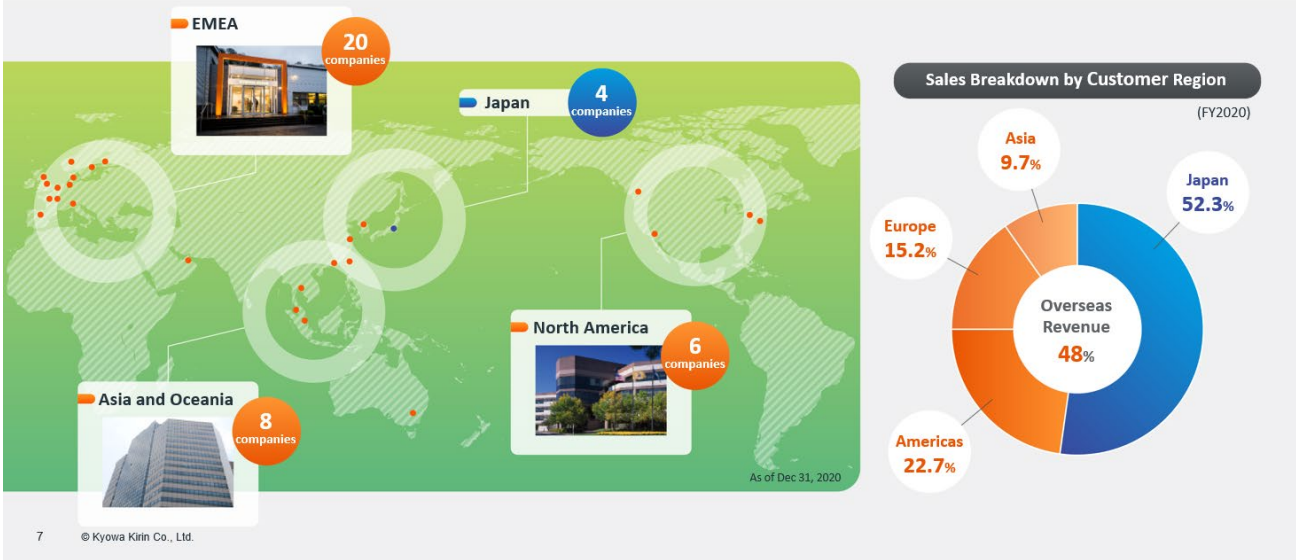
Vision



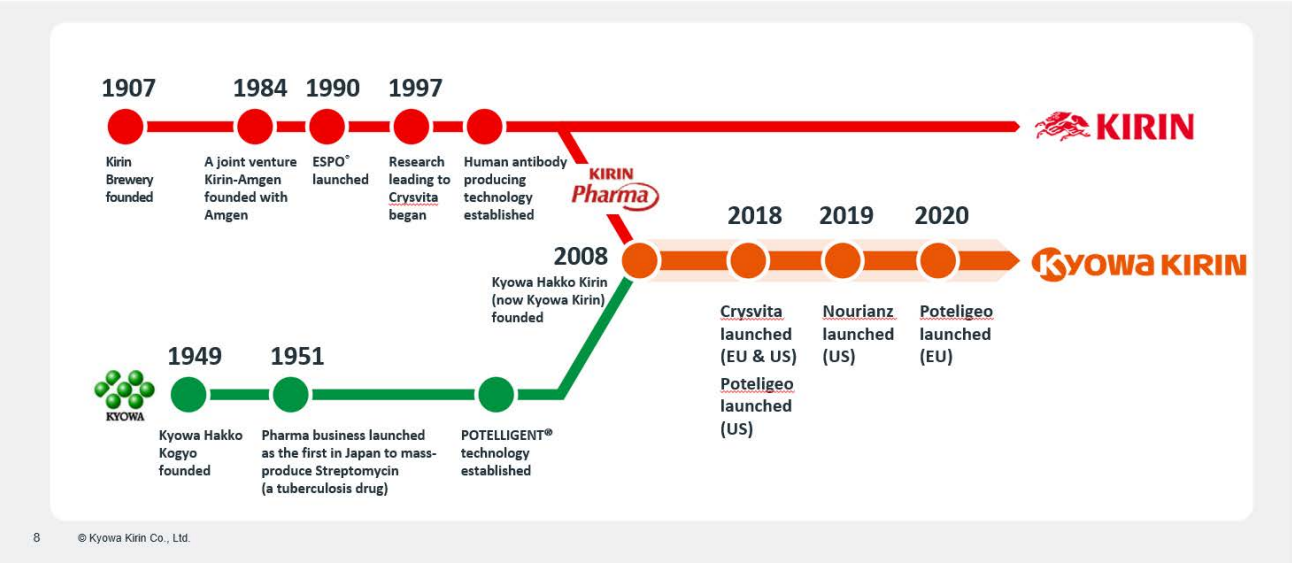
In order to make this vision a reality by 2030, we focus on: Provide pharmaceuticals for unmet medical needs, Address patient-centric healthcare needs, and Retain the trust of a society.

Overview

Global Network



History



Kyowa Kirin was created from the merger of Kyowa Hakko and Kirin Pharma in 2008. At that time, both companies had this long legacy of fermentation technology applied to pharmaceutical manufacturing and also enjoyed long-lasting relationship with research institutions and biotech companies.

For example, Kirin Pharma had a 30-year joint venture with Amgen. Both companies established antibody technologies such as POTELLIGENT and fully human antibody producing technologies, which have spurred innovations in our portfolio.

After the merger, the company began to seek to expand its operation globally. Over the past 13 years, we have followed that plan expanding through organic growth and targeted acquisitions.

Since 2018, we have received FDA approval on three medicines discovered and developed in-house, Crysvita, Poteligeo, and Nourianz.

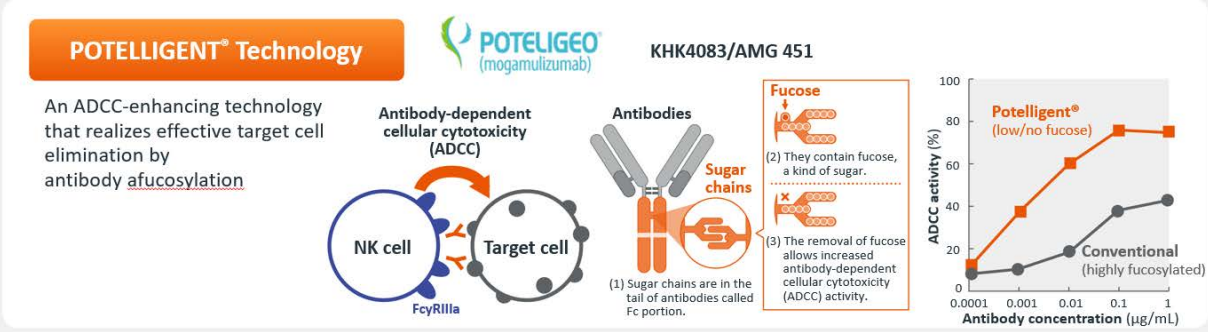
KYOWA KIRIN

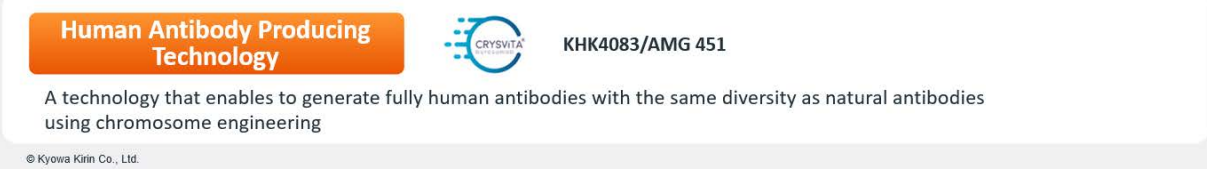
Key Marketed Products

*1 Pegfilgrastim only available in Japan, *2 Marketed by Ultragenyx Pharmaceutical Inc.

KYOWA KIRIN

Proprietary Technologies for Life-changing Value Creation





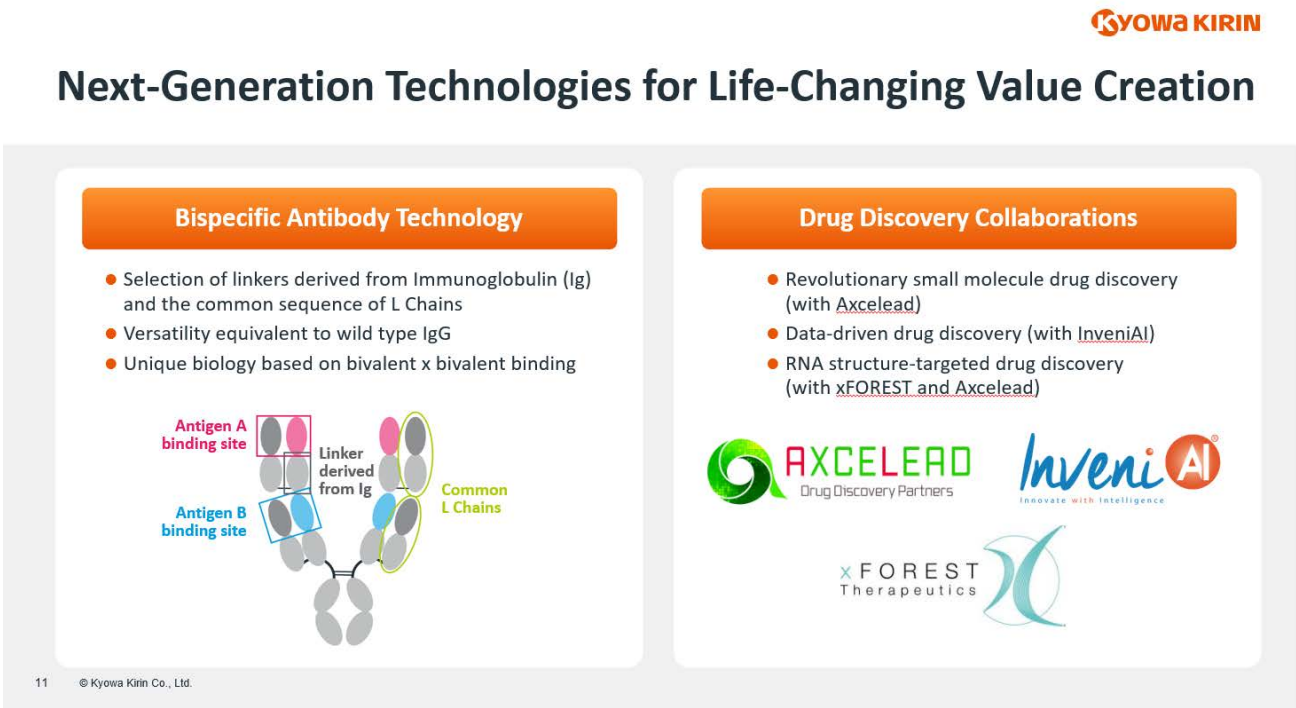
As you may know, ADCC is a critical function of the immune system that enhances the ability of antibodies to kill target cell. This POTELLIGENT technology has been used for our products and rug candidates. In addition,

it has been licensed out and utilized by numerous major pharmaceutical and biotech companies in their pipelines.

The marketed products in which we have applied this technology include Poteligeo, our drug for cutaneous T-cell lymphoma; Fasenra, an asthma drug licensed out to AstraZeneca; and GSK's Blenrep, a drug for multiple myeloma.

We also have our proprietary human antibody producing technologies applied for several drugs and drug candidates. The products launched using this technology include Crysvita, a treatment for X-linked hypophosphatemia.

In addition, KHK4083, as known as AMG 451, is being developed for the treatment of atopic dermatitis by applying both technologies.



The first is our bispecific antibody technology that would create a rich drug pipeline. We are working hard to have this technology to enter clinical trials. Also, we hope that open innovation will lead to the discovery of innovative new drugs and the creation of fundamental technologies to support them.

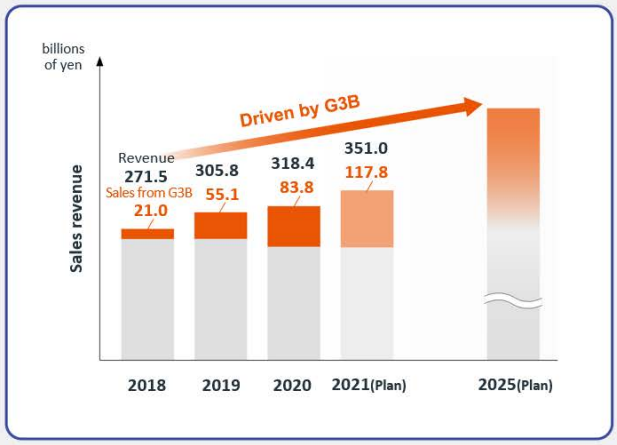
We value our partnership with outside collaborators as they are essential to reinforce the strength of our technologies into life-changing value.

Strong Growth of Global 3 Brands (G3B)

Crysvita
(Burosumab, an anti-FGF23 fully human monoclonal antibody)
X-linked hypophosphatemia (XLH)
Tumor-induced osteomalacia (TIO)

Poteligeo
(Mogamulizumab, an anti-CCR4 humanized antibody)
Mycosis fungoides (MF)
Sézary syndrome (SS)

Nouriast/Nourianz
(Istradefylline, an Adenosine A_{2A} receptor antagonist)
Parkinson's disease (PD) experiencing "off" episodes



Crysvita

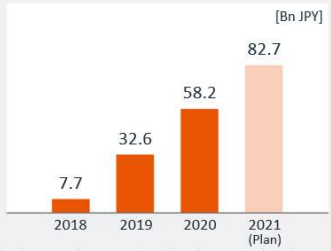
Burosumab, an anti-FGF23 fully human monoclonal antibody

2000	2013	2018	2019	2020	2023
Cloning of FGF23 cDNA	Identify FGF23 Function	Collaborate with Ultragenyx	Launch in EU (peds) & US*1	Launch in EU (adults)	Launch in Japan	To initiate own sales in US

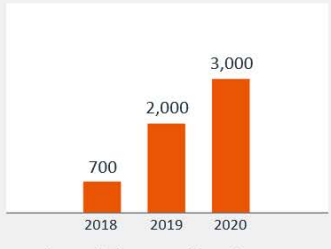
- Indications

US	EU	JP
XLH TIO	XLH (TIO)	FGF23-related hypophosphatemic rickets and osteomalacia

Annual sales growth*2 (NA+EMEA+JP)



Number of patients*2 (global total)

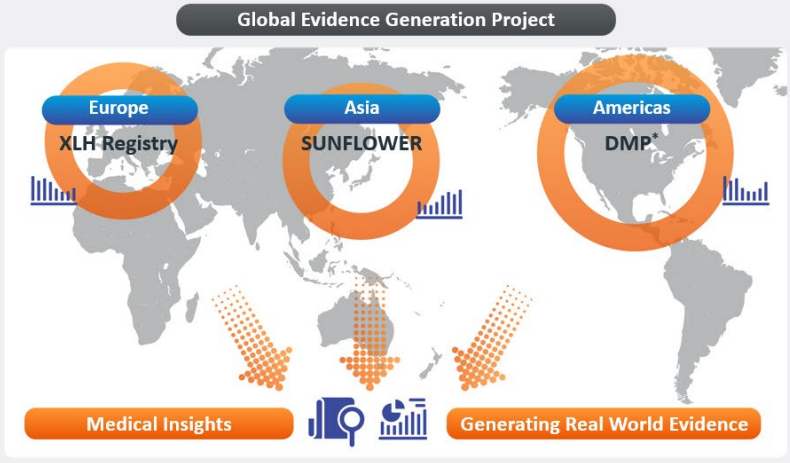


*1 Marketed by Ultragenyx Pharmaceutical Inc.; *2 Excl. patients under Early Access Program and patients who have not started the reimbursement process

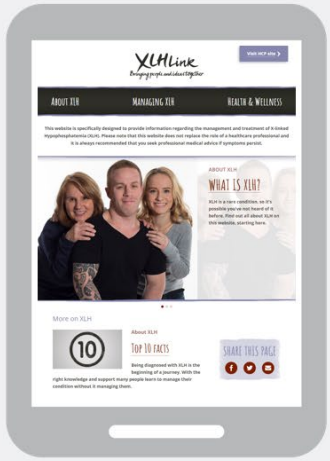
Crysvita

CRYSVITA® burosumab

Burosumab, an anti-FGF23 fully human monoclonal antibody



* Disease Monitoring Program

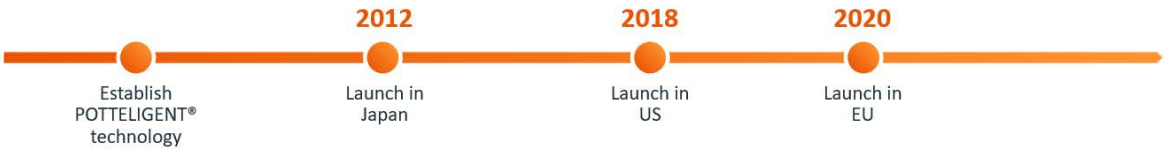


https://xlhlink.eu/

Poteligeo

POTELIGEO® (mogamulizumab)

Mogamulizumab, an anti-CCR4 humanized antibody

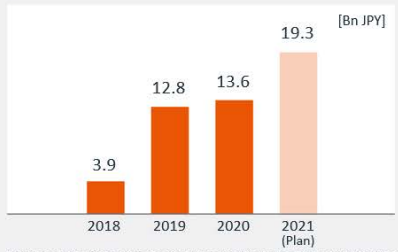


- The first glyco-engineered antibody to reach the market
- Indications

US	EU	JP
MF SS	MF SS	ATL PTCL CTCL

ATL: adult T-cell leukemia/lymphoma; PTCL: peripheral T-cell lymphoma; CTCL: cutaneous T-cell lymphoma

Annual sales growth* (NA+EMEA+JP)



* Excl. patients under Early Access Program and patients who have not started the reimbursement process

Nourianz/Nouriast

NOURIANZ® (istradefylline) tablets

Istradefylline, an Adenosine A_{2A} receptor antagonist

1994 Discovery of Istradefylline

2013 Launch in Japan

2019 Launch in US

2026 Next generation A_{2A}R antagonist KW-6356 to be launched

- MOA (Simple illustration)

Levodopa replaces lost dopamine, like pressing down on the gas

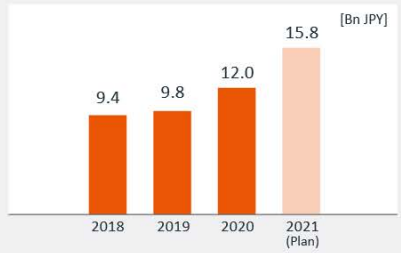
Istradefylline blocks A_{2A} receptors, like lifting the brake

- Indications

US / JP

PD experiencing "off" episodes

Annual sales growth (NA+JP)



17 © Kyowa Kirin Co., Ltd.

Nourianz is the first new mechanism of action drug for Parkinson's disease treatment in decades and is an innovative adenosine A2a receptor antagonist that we discovered.

Next-generation Strategic Products

As of Feb 4, 2021

	Country / region*1	Indication*2	Approval year*3	Total addressable market*4	No. of patients*5
KHK4083/ AMG 451	NA/EU/JP	Atopic dermatitis	2025/2026	★★★	16,000K
KW-6356	NA/EU/JP	Parkinson's disease	2025	★★★	3,500K
ME-401 Zandelisib	NA/EU/JP	Follicular lymphoma Marginal zone lymphoma	2023	★★★	~800K
RTA 402 Bardoxolone methyl	JP/Asia	Alport syndrome Diabetic kidney disease (DKD) Autosomal dominant polycystic kidney disease (ADPKD)	2022 2023 2025	★★★	2,500K~
KHK7791 Tenapanor	JP	Hyperphosphatemia under maintenance dialysis	2023	★☆☆	250K

*1 Countries or regions where Kyowa Kirin currently has marketing rights and will launch products (or will conduct marketing activities); products may not be launched in all countries or regions shown in the table
*2 Expected indications as of the date of this document; indications may ultimately differ to expectations due status of approvals from regulatory authorities
*3 Expected year of first approval
*4 Expected total addressable market, which is the sum of all products for the indications shown in *2, in all countries or regions defined in *1, not projected sales or the Company's targets; ★ = less than ¥50bn, ★★ = ¥50-100bn, ★★★ = Over ¥100bn
*5 Total number of estimated patients in all countries or regions defined in *1.
*6 The size of the total addressable market and patient numbers are based on our estimates

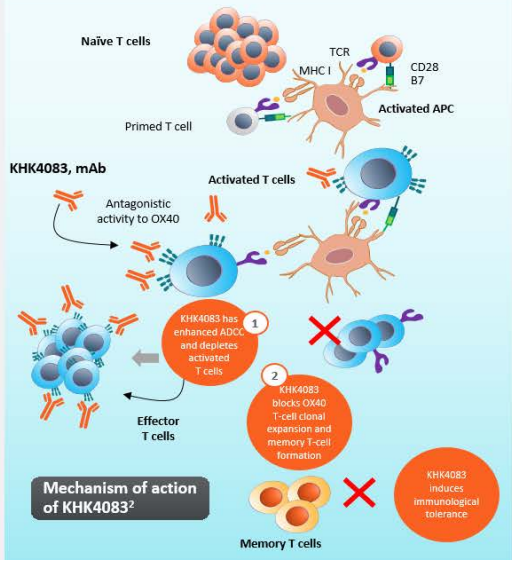
19 © Kyowa Kirin Co., Ltd.

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 T-cell responses**
  - OX40 is expressed by activated T cells after antigen recognition and binds OX40L on APCs, facilitating the effector function of T cells
- **KHK4083/AMG 451 is a fully human, anti-OX40, non-fucosylated IgG1 mAb with enhanced ADCC[1] that acts by**
  - Partially depleting activated T cells[2] (1)
  - Blocking T-cell clonal expansion and memory T-cell formation[2] (2)

AD, atopic dermatitis; ADCC, antibody-dependent cellular cytotoxicity; APC, antigen-presenting cell; CD28, cluster of differentiation 28; IgG, immunoglobulin G; MHC, major histocompatibility complex; mAb, monoclonal antibody; TCR, T-cell receptor; Th2, T-helper 2

[1]Nakagawa H et al. J Dermatol Sci. 2020; 99(2):82–89; [2]Papp KA et al. J Eur Acad Dermatol Venereol. 2017, 31(8):1324–1332.



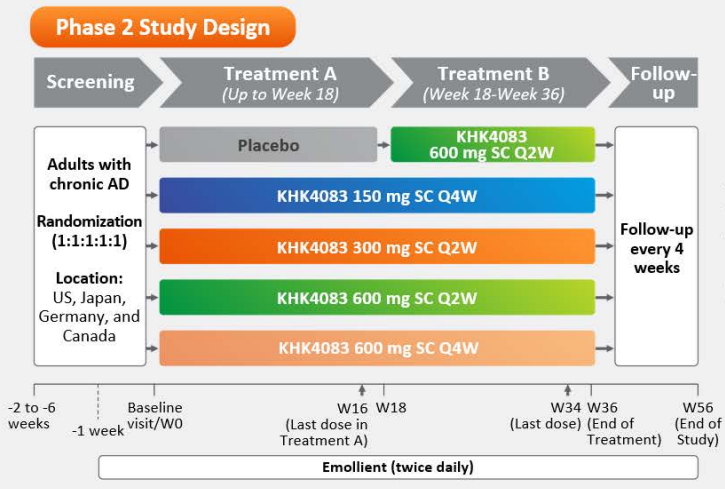
20 © Kyowa Kirin Co., Ltd.

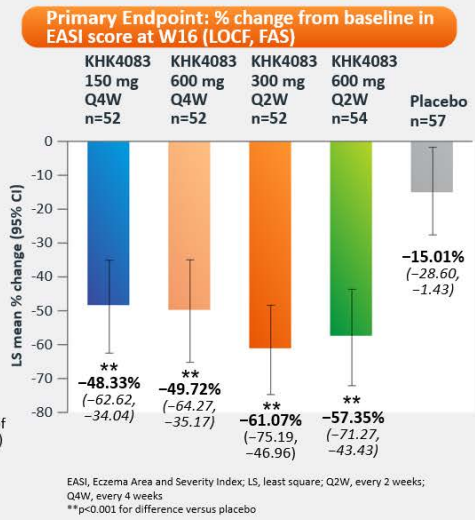
KHK4083/AMG 451 is a human anti-OX40 monoclonal antibody created with our POTELLIGENT technology and the human antibody producing technology.

As is commonly known, activation of Th2 cells is central in atopic dermatitis. KHK4083 blocks the OX40 signaling pathway, which plays a major role in upstream T-cell activation by OX40 inhibition or OX40 positive cell depletion.

As expected, clinical results based on this mechanism of action have been obtained to date.

KHK4083/AMG 451: Achieved Primary Endpoint in Phase 2 Study

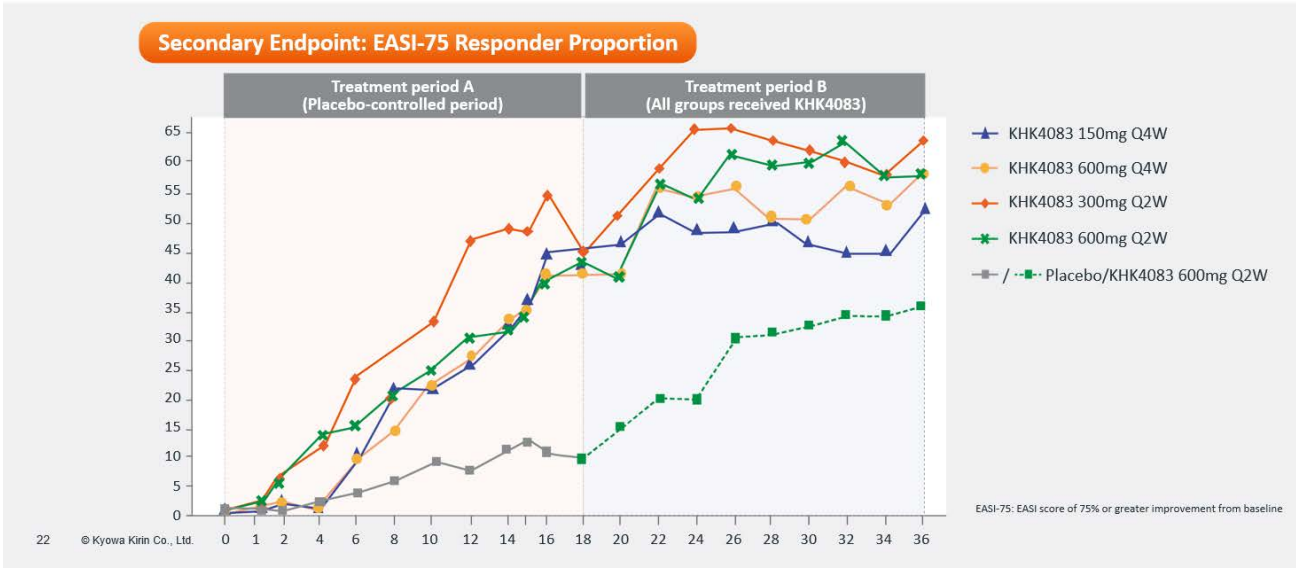




EASI, Eczema Area and Severity Index; LS, least square; Q2W, every 2 weeks; Q4W, every 4 weeks
**p<0.001 for difference versus placebo

21 © Kyowa Kirin Co., Ltd.

KHK4083/AMG 451: Durable EASI-75 Response Confirmed



22 © Kyowa Kirin Co., Ltd.

KHK4083/AMG 451: Collaboration with Amgen

	US	Europe and Asia (ex. JP)	JP
Development	• Amgen leads development • Share development cost	• Amgen leads development • Share development cost	• Kyowa Kirin leads development
Commercialization	• Amgen commercializes and books sales • Kyowa Kirin co-promotes and shares promotion cost	• Amgen commercializes and books sales • Kyowa Kirin has opt-in rights for co-promotion	• Kyowa Kirin commercializes and books sales
Sales royalties	• Double-digit royalty to Kyowa Kirin	• Double-digit royalty to Kyowa Kirin	
Commercial supply	• Amgen supplies	• Amgen supplies	• Kyowa Kirin supplies

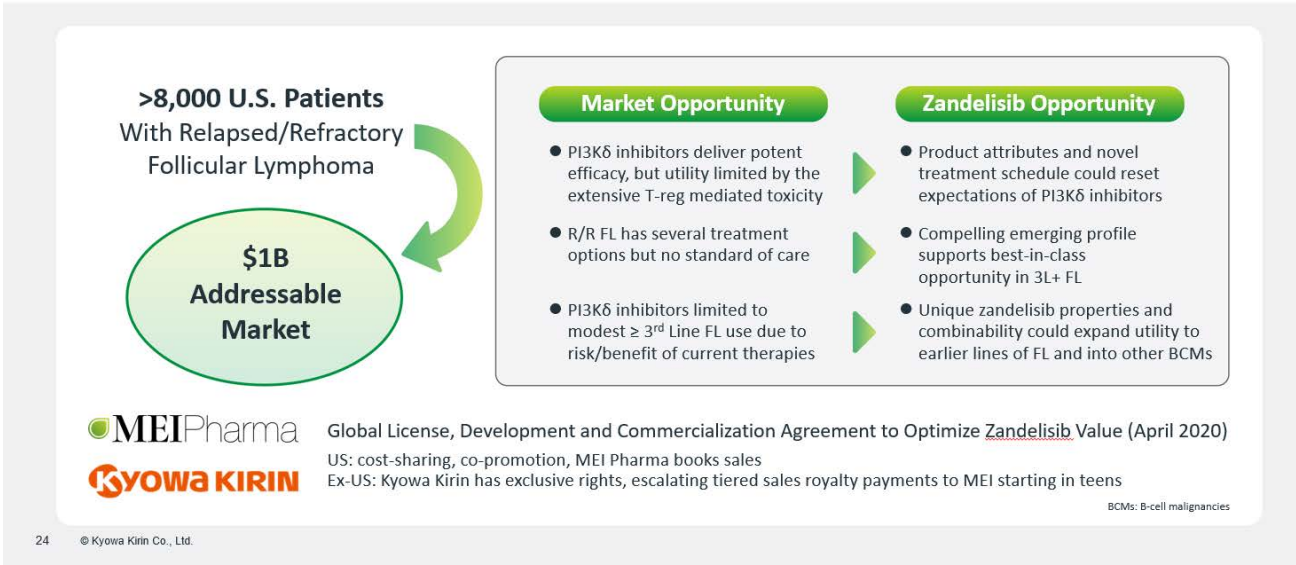
Amgen makes a $400 million up-front payment to Kyowa Kirin and future contingent milestone payments potentially worth up to an additional $850 million, as well as royalty payments on future global sales.

23 © Kyowa Kirin Co., Ltd.

To maximize the product value of KHK4083/AMG 451 for atopic dermatitis and its potential in other autoimmune disease treatments, Kyowa Kirin and Amgen have entered into an agreement to develop and commercialize KHK4083/AMG 451 jointly.

Our agreement to co-development and co-commercialize KHK4083 made news in 2021. With Amgen, we are planning to initiate a Phase 3 study of KHK4083 in the first half of 2022. We will also explore the potential use of KHK4083 in indications beyond atopic dermatitis.

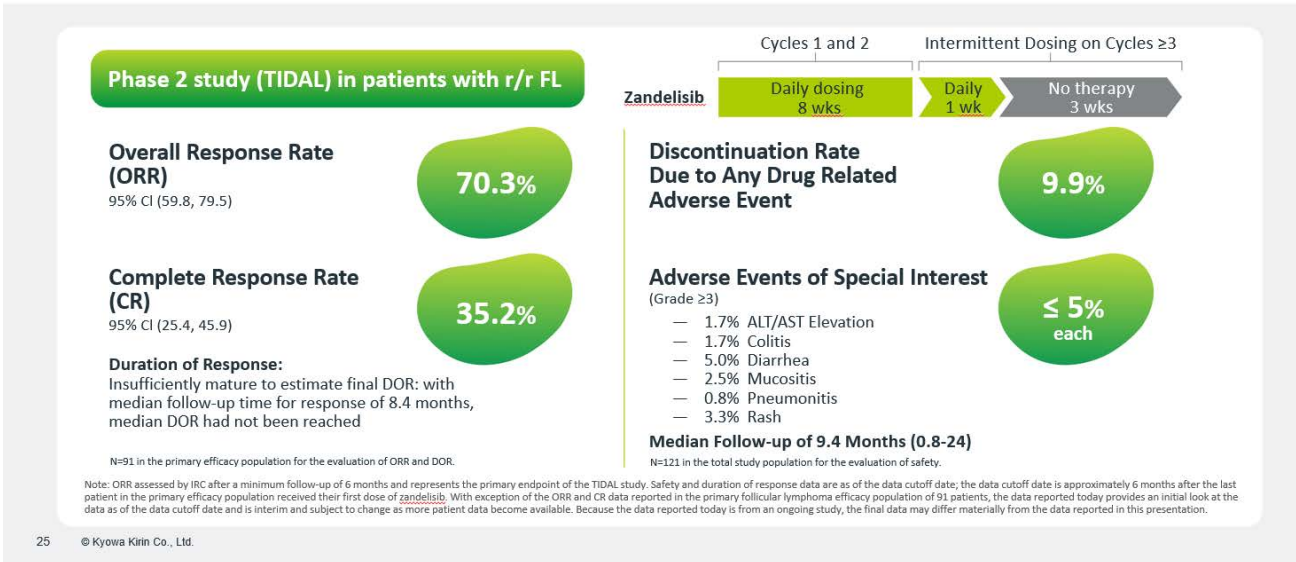
Zandelisib (ME-401): Clinical and Commercial Opportunity



Zandelisib has innovative molecular and biologic properties that show the potential to avoid the safety issues that are common among other PI3K treatments.

On November 4th, 2021, FDA granted orphan drug designation to Zandelisib for follicular lymphoma.

Zandelisib: Emerging Profile



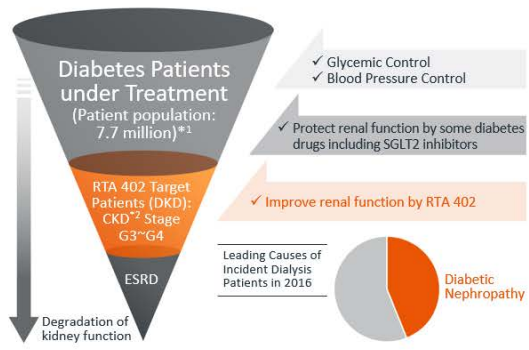
Zandelisib: Exploring Full Potential as Backbone Therapy

Zandelisib Single Agent	Zandelisib + Rituximab	Other Zandelisib Combinations
● Ph 2 Study TIDAL in 3L+ FL and MZL ● Ph 2 Study K02 in 3L+ in iNHL (Japan)	● Ph 3 Study COASTAL in 2L+ FL and MZL	● + Zanubrutinib in FL and MCL in 2L+ ● + R-CHOP in DLBCL in 1L ● + Ven-R in CLL

Additional Studies in Active Planning and More Under Consideration

CLL: chronic lymphocytic lymphoma; DLBCL: diffuse large B-cell lymphoma; FL: follicular lymphoma; iNHL: indolent B-cell non-Hodgkin lymphoma; MCL: mantle cell lymphoma; MZL: marginal zone lymphoma; R-CHOP: rituximab-cyclophosphamide/doxorubicin/prednisone/vincristine; Ven-R: venetoclax-rituximab

Bardoxolone Methyl (RTA 402): Clinical and Commercial Opportunity



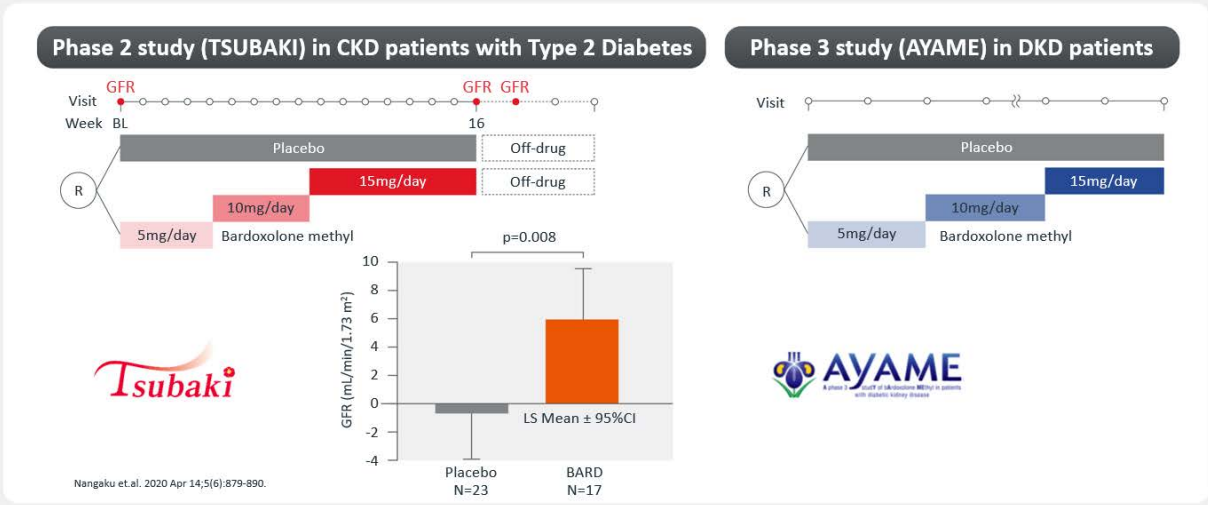
Market Opportunity	RTA 402 Opportunity
● Increasing diabetes patients in Japan*1	● Novel MOA - Nrf2 activation
● DKD - the leading cause of incident dialysis (around 40%)	● Priority Review Designation under Japanese SAKIGAKE system
● Innovative drug is highly anticipated (No drug can improve renal function)	● Potential to be the first drug to improve renal function

License Agreement on Bardoxolone Methyl for Japan and Certain Asian Markets (January 2010)
Kyowa Kirin has exclusive rights, sales royalty payments to Reata ranging from the low teens to the low 20%

*1 National Health and Nutrition Survey (2016) , MHLW/Ministry of Health, Labour and Welfare; *2 CKD: chronic kidney disease

Given this, bardoxolone methyl has opportunities as it activates the system that plays an important role in defense responses against oxidative stress as its convincing clinical data and the priority review designation support its potential market opportunity in Japan, and as it could be the first drug addressing the need for renal function protection and improvement.

Bardoxolone Methyl: Increase GFR in CKD Patients with Type 2 Diabetes



28 © Kyowa Kirin Co., Ltd.

The Phase 3 AYAME study is scheduled to be complete this year, and then the topline data is available.

Expected News Flow in FY2022

As of Nov 1, 2021

Code generic name	Target disease	2022
KHK4083/AMG 451	Atopic dermatitis	P3 FPI
KW-6356	Parkinson's disease	P2b detailed data P3 FPI
ME-401 Zandelisib	FL/MZL (2L, R combo)	Enrollment ongoing
	iNHL (3L, mono)	P2 Topline data
	CLL (Ven-R combo)	P2 FPI
RTA 402 Bardoxolone methyl	Alport syndrome	Regulatory decision (JP)
	Diabetic kidney disease	P3 LPO
KHK7791 Tenapanor	Hyperphosphatemia under maintenance dialysis	Marketing application (JP)

FPI: first patient in; FL: follicular lymphoma; MZL: marginal zone lymphoma; iNHL: indolent B-cell non-Hodgkin lymphoma; CLL: chronic lymphocytic leukemia; Ven-R: venetoclax-rituximab; LPO: last patient out

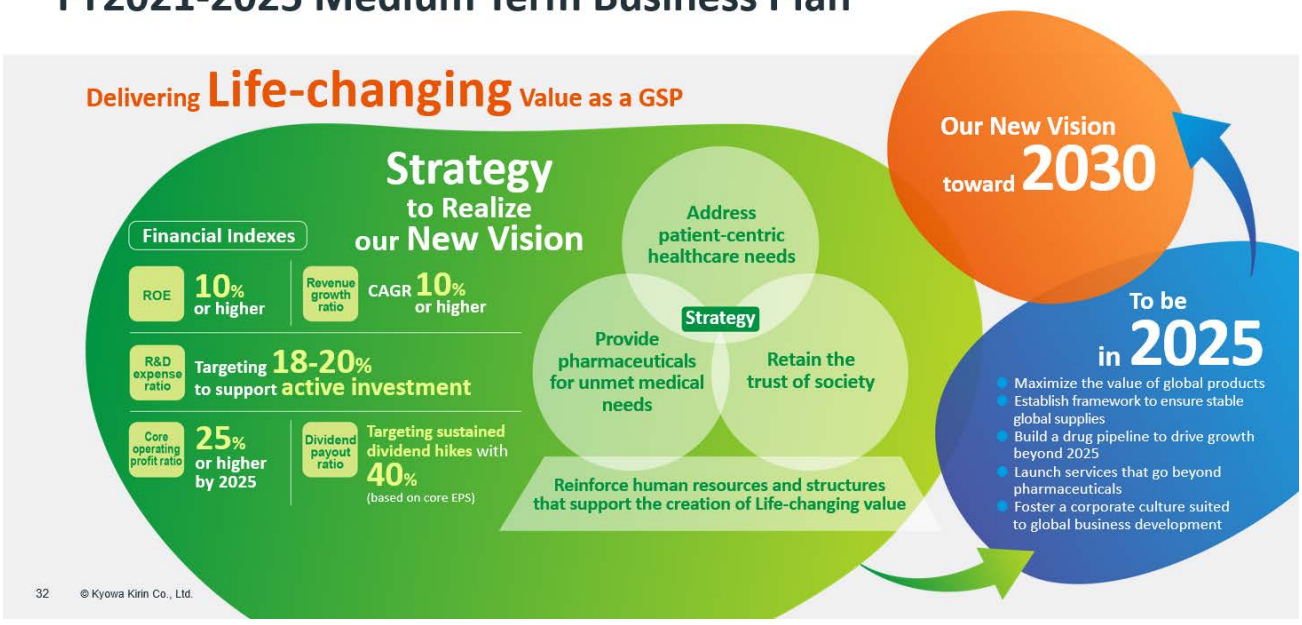
29 © Kyowa Kirin Co., Ltd.

There are various catalysts for 2022, so please stay tuned. In particular, I hope you will look forward to the start of several Phase 3 clinical trials including KHK4083 and KW-6356. We will announce in a timely manner when Phase 3 studies actually start.

Outlook toward 2030

In order to do so, we will work on open innovation by developing our own technologies as well as successfully incorporating useful technologies from outside, and we will surely produce life-changing value that will make patients smile. We will continue to strive for this goal.

FY2021-2025 Medium Term Business Plan



Thank you very much for your time and attention for Kyowa Kirin. [END]