

Creating a Values-based, R&D-driven Global Biopharmaceutical Leader



October 31, 2018

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President & CEO

Takeda Pharmaceutical Company Limited

Better Health, Brighter Future

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Profit Forecast for Takeda for the year ending March 31, 2019

Takeda is currently in an offer period (as defined in the City Code on Takeovers and Mergers (the "Code")) with respect to Shire plc. Pursuant to Rule 28 of the Code, statements made regarding Takeda's guidance for FY2018 (including statements regarding forecasts for FY2018 revenue, Core Earnings, Operating profit, Profit before income taxes, Net profit attributable to owners of Takeda, Basic earnings per share, R&D expenses, Amortisation and impairment and other income/expense, Underlying Revenue, Underlying Core Earnings and Underlying Core EPS) constitute a profit forecast for the year ending March 31, 2019 (the "Takeda Profit Forecast").

For additional information regarding the Takeda Profit Forecast and the required statement by its Directors that such profit forecast is valid and has been properly compiled on the basis of the assumptions stated and that the basis of accounting used is consistent with Takeda's accounting policies, please see page 9 of Takeda's Summary of Financial Statements (Tanshin) for the Six Months Period Ended September 30, 2018.

VISION 2025

Our mission is to strive towards Better Health and a Brighter Future for people worldwide through leading innovation in medicine We serve the needs of our patients, wherever they are.

We earn the trust of society and customers through Takeda-ism.

We are recognized as best in class because of agility and innovation, qualities that help us build a steady pipeline and deliver growth, year on year.

Values-based

Our long history since 1781 has shaped the values that are fundamental to the success of Takeda in the long term

VALUES









We take action and make decisions by focusing on our four priorities, in order of:

1

Putting the patient at the center

2

Building trust with society

3

Reinforcing our reputation

4

Developing the business

Takeda has created a unique R&D engine

THERAPEUTIC AREA FOCUS

Oncology, Gastroenterology, Neuroscience plus Vaccines

PARTNERSHIPS & CAPABILITIES

TRANSFORM OUR CULTURE

R&D TRANSFORMATION KEY IMPERATIVES

- Agile and lean
- Dynamic and sustainable research and early development engine
- Transformative advances via reciprocally advantageous partnerships
- Laser-focused on purposeful execution

R&D-driven

With a very focused and lean footprint freeing up resources for pipeline development



BOSTON, MA

R&D Center Oncology, GI Research

SHONAN, JAPAN

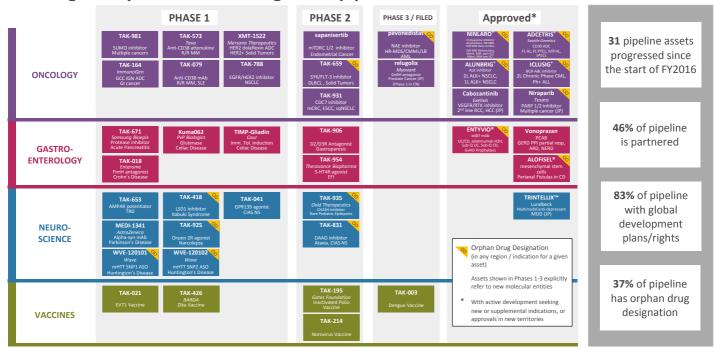
Neuroscience Research, T-CiRA, iPark

SAN DIEGO, CA

Specialized drug discovery technologies,
GI and Neuroscience

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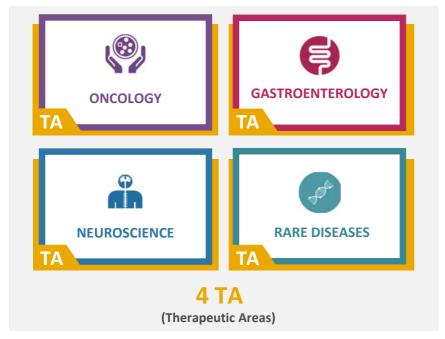
Resulting in a dynamic and re-invigorated pipeline



Pipeline as of October 31, 2018. Please refer to glossary for disease abbreviations

R&D-driven

Shire acquisition will enhance Takeda R&D engine with an initial R&D budget greater than 400 Bn yen





With the potential to deliver more value in the future

	PHASE 1	PHASE 2	PHASE 3/FILED	APPROVED*
ONCOLOGY	TAK-573 XMT1-1522 Mersans Anti-CDIS attendant Refractory MM TAK-079 Anti-CDIS and CDIS and Refractory AM CONTRICTOR AND RESERVE AND RES	sapanisertib mtiok 1/2 whitetor break cancer TAK-951 COC inhabitor Solid Tumors	relugolix Chill Reservoir Prostate Cancer (PF) pevonedistat pevonedistat Religion Religion	NINLARO Seattle Gardett, Sea
GASTRO- ENTEROLOGY	TIMP-Gliadin Car tum To listication Cala: blusser	TAK-996 02/Diff Act group Gastroparisis TAK-954 Theraperical Supharian Enterprise Supharian Enterprise Supharian Enterprise Supharian Enterprise Enterpri	SHP621 SHP647 SUS MARICANA 1 HAB	ENTITUDO VONODIZAZIAN AMITIZA VONODIZAZIANA
NEUROSCIENCE	TAK-653 AMPAR percentator LOS I shibstor MEDI-1341 MEDI-1340 Alpha spin and Medi-10 sees Alpha spin and Alpha s	TAK-935 Ovd Therapeutics Are Pedatric Eplopsies S.C. Atania		TRINTELLIX ⁽ⁱⁱ⁾ Lordines Moreover and plant con- transfer and plant con- tra
VACCINES	TAK-021 TAK-426 EV71 Vaccine SARDA Zika Vaccine	TAK-195 Gates Foundation Inactivated Pollo Vaccine TAK-214 Norovirus Vaccine	TAK-003 Dengue Vaccine	
PLASMA- DERIVED THERAPIES				HYQVIA Pediatric PID, CIDP
RARE DISEASES	SHP631 SHP631 Munter CNS SHP654 Celementary Celementary	SHPGO7 GF-1/ IGREP Orroric Lung bilease	Lanadelumab Anni kaliharen mab Anni kaliharen mab SHP620 CANI inferioren m CANI Januarian SHP609 Hunter (IT) SHP655 ERI / ADMITS-13 TITLE (TITLE)	FIRAZYR VONVENDI CINRYZE HAE, AAME OBIZUR CHAMI Surgery
OPHTHALMOLOGY	SHP639 Glaucoma	SHP659 DED	SHP640 Infectious conjunctivitis	XIIDRA DED

Takeda

Orphan Drug Designation

Note: SHP652 and Natpara classified as "other" and not shown here *With ongoing clinical development activities. Pipeline as of February 1, 2018
As announced on 27 October 2018, Takeda has proposed a remedy to the European Commission of a potential divestment of SHP647 and certain associated rights

Strategic fit

Accelerates Takeda transformation with a more distinctive focus on key therapy areas



Create an attractive geographic footprint with leading positions in Japan and the U.S.



Source: Shire pic Annual Report 2017 and management information, Takeda Consolidated Financial statements for the Nine Month Period Indeed December 31, 2017. Notes: Percentages calculated using (1) the revenue by geography for the 12 month period ending on December 31, 2017 (the final quarter of P/2016 and the first three quarters of F/2017 and converted using the Sx' of 1:112.65 as at that date (in the case of Takeda) and [2) the revenue by geography for the 12 month period ending on December 31, 2017 (in the case of Shire). Percentages for the combined group are calculated by aggregating the revenue by geography for the 12 month period ending on December 31, 2017 (in the case of Shire). Percentages for the combined group are calculated by aggregating the revenue by geography for Takeda and Shire. The historical revenue of the combined group are calculated by aggregating the revenue by geography for the 12 month period ending on March 31, 7017 and converted using the \$/X\$ of 1:112.65 as at that date (in the case of Takeda) and (b) the amount for the 12 month period ending on March 31, 7017 and converted using the \$/X\$ of 1:112.65 as at that date (in the case of Takeda) and (b) the amount for the 12 month period ending on March 31, 7017 and converted using the \$/X\$ of 1:112.65 as at that date (in the case of Takeda) and (b) the amount for the 12 month period ending on March 31, 7017 and converted using the \$/X\$ of 1:112.65 as at that date (in the case of Takeda) and (b) the amount for the 12 month period ending on March 31, 7017 and converted using the \$/X\$ of 1:112.65 as at that date (in the case of Takeda) and (b) the amount for the 12 month period ending on March 31, 7017 and converted using the \$/X\$ of 1:112.65 as at that date (in the case of Takeda) and (b) the amount for the 12 month period ending on March 31, 7017 and converted using the \$/X\$ of 1:112.65 as at that date (in the case of Takeda) and 31 December 2017 and converted using the \$/X\$ of 1:112.65 as at that date (in the case of Takeda) and 31 Dec

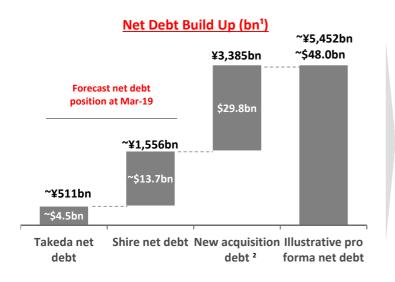
Financial strength

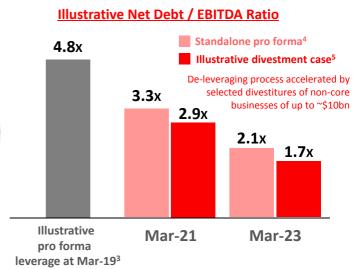
Transaction will be significantly EPS accretive and generate strong cash flow

- The recurring pre-tax cost synergies for the combined group are expected to reach a runrate of at least ¥153bn / \$1.4bn per annum by the end of the third fiscal year following completion¹
- The number of issued Takeda shares will essentially double but EBITDA² is approximately three times larger on a historical combined basis³. The acquisition will be significantly EPS accretive⁴ on underlying basis from the first full fiscal year following completion and reported basis within 3 fiscal years post completion.
- Low risk of impairments to combined goodwill (¥4,000 Bn to ¥4,400 Bn) and intangible assets (¥6,300 Bn to ¥6,700 Bn)
- The transaction's Return on Invested Capital (ROIC) is expected to exceed Takeda's weighted average cost of capital (WACC) within the first full fiscal year following completion
- Intend to maintain our well-established dividend policy with 180 JPY dividend per share
- Committed to maintaining investment grade credit rating

otes: 1 The Takeda Directors expect recurring pre-tax cost synergies for the Combined Group to reach a run - rate of at least \$1.4 billion per annum by the end of the third fiscal year following completion of the Acquisition in 6 five for 1:0.08 x 97.3 at May 8, 2018, Reported note Rule 28.1 of the Takeover Code; related reports can be found in the Rule 27.4 nonuncement made by Takeo and May 8, 2018, as well as information regarding the method of a claudation of the synergies and the costs to achieve such synergies; 2 Earnings Release and a way 8.2018, as well as information regarding the method of a claudation of the synergies and the costs to achieve such synergies; 2 Earnings Release at the synergies and a synergies of the complex of the complex of the control of the contr

Committed to investment grade with a target net debt to EBITDA ratio of 2.0x or less in the medium term



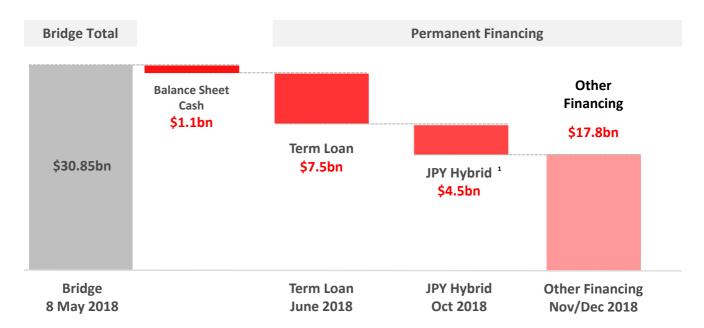


Takeda has a strong track record in deleveraging and portfolio optimisation

Notes: 1 Net debt converted based on the exchange rate of \$\times 0 f 1:113.6 as at Sep 30, 2018, \(^2\) New debt expected to be raised in order to finance the acquisition of Shire, 3 Illustrative pro forma net debt / EBITDA of 4.8x calculated using the illustrative pro forma net debt of \$\times 0 f 1:113.6 as at Sep 30, 2018, \(^2\) New debt expected to the roperating income and expenses, intangible amortisation \(^2\) timepairment, software amortisation, PR&E depreciation \(^2\) timepairment and other non-recurring items; of \$\times 3.552mm as per Consolidated Financial statements for the Fiscal Year Ended March 31, 2018 and based on the exchange rates of \$\times 0 f 1:106.35 as at March 31, 2018; and il) Shire's \$\times 1.552mm for the 12 f 2.5mm for the 12 f month period ending on March 31, 2018 (the final three quarters of FV2017 as disclosed in Shire's our results released on Apr 26, 2018), 4 Based on forecast ret debt taking into account the expected cash balance, annual cash generation and forecast FV EBITDA 5 Based on forecast ret debt taking into account the expected cash balance, annual cash generation and forecast FV EBITDA 6 Interest 1.052mm for the 12 f 1.052mm for the 12 f

Financing

Financing supported by leading global financial institutions



Board of Directors for Best-in-Class Governance

INTERNAL DIRECTORS



Christophe Weber Representative Director, President & CEO



Masato Iwasaki Director, JPBU President



Andrew Plump
Director, Chief Medical
& Scientific Officer

СС

Compensation Committee



Nomination Committee



Independent External Director

EXTERNAL DIRECTORS



Masahiro Sakane
Independent Director
Chair of the Board meeting
Chair of Nomination Committee



Michel Orsinger
Independent Director



Toshiyuki Shiga
Independent Director
Chair of Compensation



Emiko Higashi
Independent Director



Yoshiaki Fujimori Independent Director

DIRECTORS ON THE AUDIT & SUPERVISORY COMMITTEE (A&SC)



Yasuhiko Yamanaka Director, A&SC member



Shiro Kuniya Independent Director, Chair A&SC



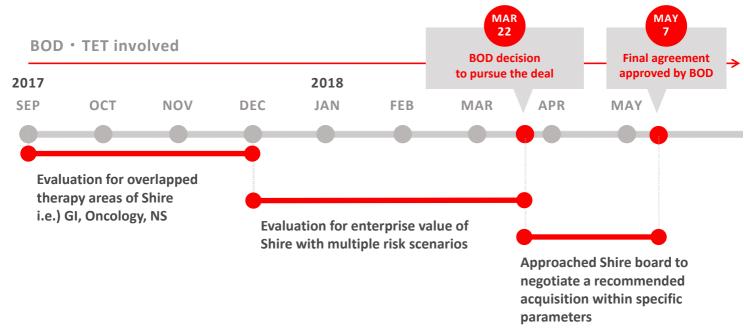
Koji Hatsukawa Independent Director, A&SC member



Jean-Luc Butel
Independent Director,
A&SC member

Governance

Takeda board (BOD) and Takeda Executive Team (TET) have been fully involved early in the acquisition with many reviews starting in 2017



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The acquisition has been approved by the board after multiple extensive reviews with detailed risk assessment

MAJOR RISKS



Financial Market Risks

Examples

- Interest rate risk
- Currency risk

MITIGATION

- · Remain investment grade credit rated
- Denominate the debt with competitive aggregate interest rate with the right currency balance
- Consider disposal of non-core assets



Business Risks

Examples:

- Competitive pressure
- Pricing pressure
- Model future business outlook with prudent forecast
- Risk of impairments to goodwill and intangible mitigated by Shire's in market products and a prudent forecast also applied to its pipeline



Integration Risks

Examples:

- Cultural difference
- Shire talent retention
- Experienced leadership well prepared for integration
- Keep consistent with Takeda's name, culture and purpose
- Promote shared intention to become a patient centric and R&D driven company
- Build the operating model to leverage Takeda and Shire employee know-how

Integration

Integration planning is well underway

Creating our new operating model to leverage Takeda and Shire know-how

PRINCIPLES

Patient-centric

- Developing more innovative medicines through a leading R&D engine
- Getting closer to patients and meeting their unique needs in each market

Agile & Simple

- Continuing to be LOC-centric*, empowering General Managers to make local decisions
- Minimizing complexity
 - *Local Operating Company

Lean & Focused

- Focusing on six business drivers
- Leveraging global scale while keeping the right balance of country resources
- Making us fit to deal with demanding healthcare environments



Global
Specialty
Business Units



BU



BU



Vaccine

Global, diverse and experienced new Takeda Executive Team (Post-closing)



CHRISTOPHE WEBER
President & CEO



COSTA SAROUKOS
Global Finance



HARUHIKO HIRATE Corporate Communication & Public Affairs



YOSHIHIRO NAKAGAWA Global Legal



PADMA THIRUVENGADAM Global Human Resources



MILANO FURUTA Corporate Strategy



MWANA LUGOGO Global Ethics & Compliance



RAMONA SEQUEIRA U.S. Business Unit



MASATO IWASAKI Japan Pharma Business



GILES PLATFORD Europe & Canada Business Unit



RICARDO MAREK Emerging Markets Business Unit



CHRISTOPHE BIANCHI Global Oncology Business Unit



RAJEEV VENKAYYA
Global Vaccine Business
Unit



JULIE KIM Global Plasma-Derived Therapy Business



ANDY PLUMP R&D



THOMAS
WOZNIEWSKI
Global Manufacturing
and Supply



GERARD (JERRY) GRECO Global Quality



CAMILLA SOENDERBY Global Patient Value & Product Strategy



MARCELLO AGOSTI Global Business Development



HELEN GIZA Integration











Glossary of Abbreviations

AD	Alzheimer's disease	EE H	erosive esophagitis healing	LCM	lifecycle management	RCC	renal cell cancer
ADC	antibody drug conjugate	EE M	erosive esophagitis maintenance	mAb	monoclonal antibody	RTK	receptor tyrosine kinase
ADHD	attention deficit hyperactivity disorder	EFI	enteral feeding intolerance	MAOB	monoamine oxidase B	sALCL	systemic anaplastic large cell lymphoma
ALK	anaplastic lymphoma kinase	EGFR	epidermal growth factor receptor	MLD	metachromatic leukodystrophy	SBS	short bowel syndrome
ALS	amyotrophic lateral sclerosis	EOE	eosinophilic esophagitis	NAE	NEDD8 activating enzyme	SC	subcutaneous formulation
AML	acute myeloid leukemia	ESCC	esophageal squamous-cell carcinoma	NASH	non-alcoholic steatohepatitis	SCT	stem cell transplant
AMR	antibody mediated rejection	FL	front line	ND	newly diagnosed	SCZ	schizophrenia
ASCT	autologous stem cell transplant	FLT-3	FMS-like tyrosine kinase 3	NDA	new drug application	SLE	systemic lupus erythematosus
ARD	acid-related diseases	FSI	first subject in	Neg	negative	sq	squamous
BTK	Bruton's tyrosine kinase	GCC	guanylyl cyclase C	NERD	non-erosive reflux disease	SR	steroid refractory
BBB	blood brain barrier	GERD	gastroesophageal reflux disease	NF	new formulation	SR-GvHD	steroid refractory acute graft vs host disease
BOS	budesonide oral suspension	GI	gastrointestinal	NK	natural killer	STING	stimulator of interferon genes
CAR-T	Chimeric antigen receptor-T	GnRH	gonadotropin-releasing hormone	NME	new molecular entity	SUMO	small ubiquitin-related modifier
CD	Crohn's disease	GU	gastric ulcer	NSCLC	non-small cell lung cancer	SYK	spleen tyrosine kinase
CHAWI	congenital hemophilia A with inhibitors	GvHD	graft versus host disease	NSCT	non stem cell transplant	TESD	treatment emergent sexual dysfunction
CIAS	cognitive impairment associated with schizophrenia	HAE	hereditary angioedema	NS	negative symptoms		
CIC	chronic idiopathic constipation	H2H	head to head	OIC	opioid induced constipation		
CIDP	chronic inflammatory demyelinating polyneuropathy	HCC	hepatocellular carcinoma	ORR	overall response rate		
CML	chronic myeloid leukemia	HemA	hemophilia A	PARP	poly (ADP-ribose) polymerase		
CMML	chronic myelomonocytic leukemia	HER2	human epidermal growth factor receptor 2	PBS	phosphate buffered saline		
CSF	cerebrospinal fluid	HL	Hodgkin's lymphoma	PCAB	potassium competitive acid blocker		
CNS	central nervous system	HR MDS	high-risk myelodysplastic syndromes	PFIC	progressive familial intrahepatic cholestasis		
CRL	complete response letter	IBD	inflammatory bowel disease	Ph+ ALL	Philadelphia chromosome-positive acute lymphoblastic leukemia		
CTCL	cutaneous T-cell lymphoma	IBS-C	irritable bowel syndrome with constipation	PID	primary immunodeficiency		
CTTP	congenital thrombotic thrombocytopenic purpura	IND	investigational new drug	PPI	proton pump inhibitor		
DAAO	D-amino acid oxidase	1/0	immuno-oncology	PK	pharmacokinetics		
DED	dry eye disease	IV	intravenous	POC	proof of concept		
DLBCL	diffuse large B-cell lymphoma	iPSC	induced pluripotent stem cells	POI	post-operative ileus		
DM	diabetes mellitus	LBD	Lewy body dementia	PTCL	peripheral T-cell lymphoma		
DU	duodenal ulcer	LB AML	low-blast acute myeloid leukemia	R/R	relapsed/refractory		
Dx	diagnosis	LSD1	Lysine specific demethylase 1	RA	rheumatoid arthritis		