Future Growth Strategy

~Overcoming Opdivo Patent Expiration toward Further Growth~



November 2, 2023

Cautionary Notes



Forecasts and other forward-looking statements included in this document are based on information currently available and certain assumptions that the Company deems reasonable.

Actual performance and other results may differ significantly due to various factors. Such factors include, but are not limited to:

- (i) failures in new product development
- (ii) changes in general economic conditions due to reform of medical insurance system
- (iii) failures in obtaining the expected results due to effects of competing products or generic drugs
- (iv) infringements of the Company's intellectual property rights by third parties
- (v) stagnation of product supply from the delay in production due to natural disasters, fires and so on
- (vi) onset of new side effect of post-licensure medical product and,
- (vii) currency exchange rate fluctuations and interest rate trend.

Information about pharmaceutical products (including products currently in development) included in this document is not intended to constitute an advertisement of medical advice.

Overcoming Opdivo Patent Expiration toward Further Growth



- 1. Impact of Patent Expiration
- 2. Growth Strategy through Direct Sales in the U.S. and Europe
- 3. Candidates for launch in the U.S. and European markets
- 4. Promoting Open Innovation

Impact of Patent Expiration 1



- Overseas royalty income will gradually decline
- January YR2024 ~
 Decline royalty income from Merck (Rate change)
 1.625% (Current) ⇒ 0.625%
 *Royalty income from Roche and others will decline as well (Rate not disclosed)
- ➤ December YR2026 ~
 Termination of royalty income from Merck, Roche and others
- ➤ YR2028
 Patent expiration in North America (Decline royalty income from BMS)
- YR2030
 Patent expiration in major European countries (Termination of royalty income from BMS)
- * YR2022~ Increase of Opdualag related royalty income

Impact of Patent Expiration 2



- ◆Domestic sales will increase with the approval of indications

 Forecast to be halved in a few years after the patent expiration in 2031
- > Expansion of indications
 - Urothelial carcinoma 1 L (CheckMate-901)
 - Non-small cell lung cancer, with CRT, Stage

 (CheckMate-73L)
 - Hepatocellular carcinoma 1 L (CheckMate-9DW)
 - Hepatocellular carcinoma, adjuvant (CheckMate-9DX)
- > Development of combination drug (ONO-7121) with anti LAG-3 antibody
 - Colorectal cancer 3L (Phase Ⅲ)
- ➤ Development of combination drug with PG receptor (EP4) antagonist (ONO-4578)
 - Gastric cancer (Phase II)

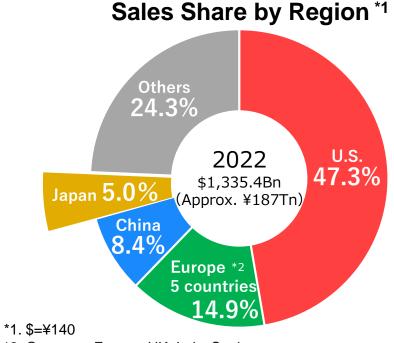
Growth strategy through direct sales in the U.S. and Europe



Comparison of sales composition with other pharma (FY2022 : Billion yen)

	Domestic sales	Overseas sales	Total
Company A	2,848	12,338	15,186
Company B	2,503	4,941	7,444
ONO	2,882	1,590	4,472

^{*} Based on each financial announcement materials



^{*2.} Germany, France, UK, Italy, Spain

- Approximately 50% of pharmaceutical market sales in FY2022 were in the U.S. (Approx.5% in Japan)
- ONO will overcome Opdivo patent expiration toward further growth by launching multiple products in the U.S. and Europe with large markets

^{*1.}Calculated in-house based on 「IQVIA Analytics Link (2022)」 Copyright © 2023 IQVIA. All rights reserved

Candidates for launch in the U.S. and European markets



Therapeutic Area	~YR2026	YR2027~2031	YR2032~
	ONO-4059 (Blood cancer)	ONO-4685 (Blood cancer)	ONO-4578 (Solid tumors)
Oncology		ONO-7018 (Blood cancer)	ONO-7914 (Solid tumors)
			ONO-7475 (Solid tumors)
Neurology		ONO-2910 (DPN, CIPN)	ONO-2808 (Multiple system Atrophy)
		ONO-2020 (Neurodegenerative disease)	ONO-1110 (Pain)
Immunology	Itolizumab (Acute GVHD)	ONO-4685 (Autoimmune disease)	

DPN: Diabetic Polyneuropathy

CIPN: Chemotherapy-Induced Peripheral Neuropathy

Promoting Open Innovation



Research collaborations and discovery partnerships with world-leading researchers and biopharma in the U.S. and Europe



Research collaborations

Area	Number	
Domestic	195	
Overseas	167	
Total	362	

Number of drug discovery collaborations

YR2020	YR2021	YR2022
1	4	11

Initiated 110 research collaborations and 11 drug discovery collaborations in 2022



Dedicated to the Fight against Disease and Pain