

## Merck Q4 2022 Earnings

February 2, 2023



## Agenda



**Strategy and Business Update** 

**Rob Davis**Chairman and Chief
Executive Officer



Business/Financial Results and Outlook

Caroline Litchfield Chief Financial Officer



Research Update

**Dr. Dean Li**President, Merck
Research Laboratories



**Question & Answer Session** 

## Forward-looking statement of Merck & Co., Inc., Rahway, N.J., USA

This presentation of Merck & Co., Inc., Rahway, N.J., USA (the "company") includes "forward-looking statements" within the meaning of the safe harbor provisions of the U.S. Private Securities Litigation Reform Act of 1995. These statements are based upon the current beliefs and expectations of the company's management and are subject to significant risks and uncertainties. There can be no guarantees with respect to pipeline candidates that the candidates will receive the necessary regulatory approvals or that they will prove to be commercially successful. If underlying assumptions prove inaccurate or risks or uncertainties materialize, actual results may differ materially from those set forth in the forward-looking statements.

Risks and uncertainties include but are not limited to, general industry conditions and competition; general economic factors, including interest rate and currency exchange rate fluctuations; the impact of the global outbreak of novel coronavirus disease (COVID-19); the impact of pharmaceutical industry regulation and health care legislation in the United States and internationally; global trends toward health care cost containment; technological advances, new products and patents attained by competitors; challenges inherent in new product development, including obtaining regulatory approval; the company's ability to accurately predict future market conditions; manufacturing difficulties or delays; financial instability of international economies and sovereign risk; dependence on the effectiveness of the company's patents and other protections for innovative products; and the exposure to litigation, including patent litigation, and/or regulatory actions.

The company undertakes no obligation to publicly update any forward-looking statement, whether as a result of new information, future events or otherwise. Additional factors that could cause results to differ materially from those described in the forward-looking statements can be found in the company's Annual Report on Form 10-K for the year ended December 31, 2021 and the company's other filings with the Securities and Exchange Commission (SEC) available at the SEC's Internet site (www.sec.gov).



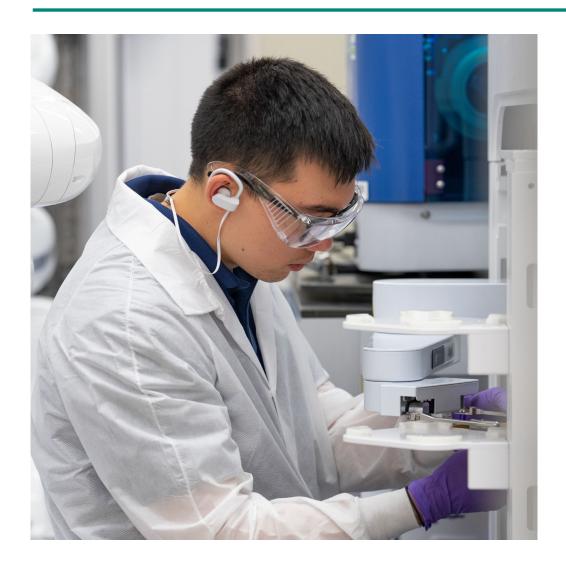
# Strategy & Business Update

#### **Rob Davis**

Chairman and Chief Executive Officer



## Delivered on our key strategic priorities in 2022





Advanced the pipeline to meet patient unmet need



Executed on strategic business development to enhance pipeline



Achieved strong commercial and financial performance



Created long-term value for patients and shareholders

## Exceptional 2022 sales and underlying earnings growth<sup>1</sup>



**4Q Worldwide Sales** 

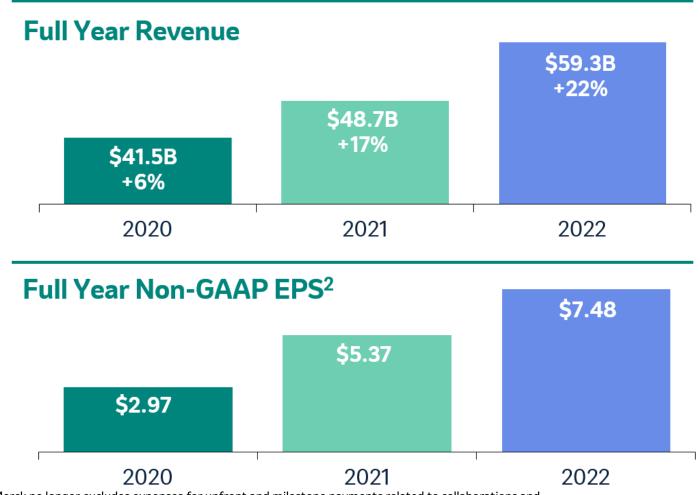
\$13.8B +2%



**4Q Non-GAAP EPS<sup>2,3</sup>** 

\$1.62

-10%



<sup>1.</sup> Results from continuing operations attributable to Merck & Co., Inc. 2. Beginning in 2022, Merck no longer excludes expenses for upfront and milestone payments related to collaborations and licensing agreements, or charges related to pre-approval assets obtained in transactions accounted for as asset acquisitions from its non-GAAP results. For 2020, non-GAAP results have been recast to include \$4.2 billion of incremental R&D expenses, which reduced EPS by \$1.56. For 2021, non-GAAP results have been recast to include \$1.7 billion of incremental R&D expense, which reduced EPS by \$0.65. For 2022, non-GAAP results include \$690 million of R&D expense, or an estimated \$0.22 of negative impact to EPS related to an asset acquisition, and collaboration and licensing agreements. 3. GAAP EPS of \$1.18.



## Advancing and augmenting pipeline across multiple therapeutic areas in Q4

#### **Oncology**

- Announced positive top line results for the Phase 2 trial evaluating **KEYTRUDA** in combination with **mRNA-4157/V940**, an investigational personalized mRNA therapeutic cancer vaccine in adjuvant treatment of patients with stage III/IV melanoma following complete resection
- Received FDA approval for KEYTRUDA for the adjuvant treatment of adult patients with stage IB (T2a >=4 cm), II or IIIA non-small cell lung cancer following resection and platinum-based chemotherapy based on KN-091

#### Cardiovascular

- Merck to present data for sotatercept and MK-0616, oral macrocyclic peptide PCSK9 inhibitor, at ACC.23/WCC
- Merck to host investor event on March 6<sup>th</sup> to discuss these results

#### **Vaccines**

 Merck collaborator Instituto Butantan (IB) announced positive topline results from IB's Phase 3 dengue vaccine candidate. Results to inform next steps for V181 program<sup>1</sup>

#### Business Development

- Augmented pipeline with new candidates from recent business development transactions, including:
  - Collaborations with Moderna and Kelun-Biotech
  - Acquisition of Imago
- In 2023, expect four Phase 3 trial starts from programs added in 2022 through business development



### Building a sustainable engine to drive success into the next decade

Enhance durable growth drivers	Deploy cash flow to value-enhancing BD
Vaccines	Pursuing the best external science
	Ample balance sheet capacity
Animal Health	Disciplined approach







## Business/Financial Results and Outlook

**Caroline Litchfield**Chief Financial Officer



## Merck achieved exceptional 2022 financial performance<sup>1</sup>

#### **WORLDWIDE SALES<sup>2</sup>**

\$59.3B

+22% growth +26% ex-exchange +15% ex-exchange, LAGEVRIO<sup>4</sup>



**NON-GAAP EPS3**3,5

\$7.48

+39% growth +43% ex-exchange

1. Results from continuing operations attributable to Merck & Co., Inc. 2. Worldwide Sales includes Other Revenue; 3. Merck is providing certain 2022 and 2021 non-GAAP information that excludes certain items because of the nature of these items and the impact they have on the analysis of underlying business performance and trends. Management believes that providing this information enhances investors' understanding of the company's results because management uses non-GAAP results to assess performance. Management uses non-GAAP measures internally for planning and forecasting purposes and to measure the performance of the company along with other metrics. In addition, senior management's annual compensation is derived in part using a non-GAAP pre-tax income metric. This information should be considered in addition to, but not as a substitute for or superior to, information prepared in accordance with GAAP. For a description of the non-GAAP adjustments, see Table 2a attached to the press release. Non-GAAP results for 2021 have been recast to conform to presentation changes implemented in 2022. 4. Excludes impact of foreign exchange and LAGEVRIO sales of \$5.7B. 4. GAAP EPS of \$5.71.



### Strong Q4 performance across Human Health and Animal Health



Merck

**WORLDWIDE SALES**<sup>1,2</sup>

\$13.8B

+ 2% growth +8% ex-exchange



**Human Health** 

\$12.2B

+1% growth +9% ex-exchange



**Animal Health** 

\$1.2B

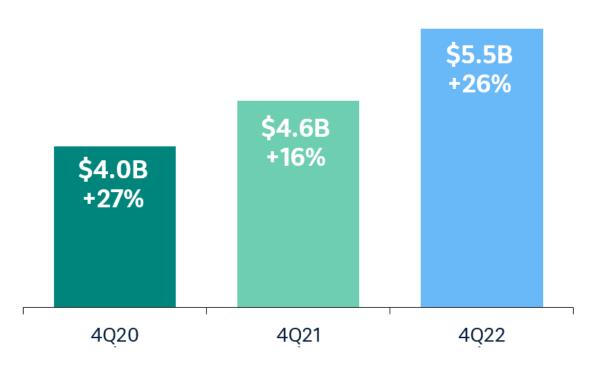
-2% growth +6% ex-exchange



## Oncology: KEYTRUDA drives continued growth

- KEYTRUDA sales of \$5.5B increased 26% year-over-year, driven by strong global demand and expansion into new indications
  - In the U.S., growth of 27% reflects strong growth across all key tumor types, especially in earlier-stage cancers such as high-risk, earlystage TNBC
  - Expect to launch earlier stage NSCLC indication based on recent FDA approval of KEYNOTE-091 study
  - Ex-U.S., 24% increase driven by continued global uptake in metastatic indications, such as NSCLC, H&N and RCC
    - Strong uptake from recent launches in high-risk, early-stage TNBC and RCC

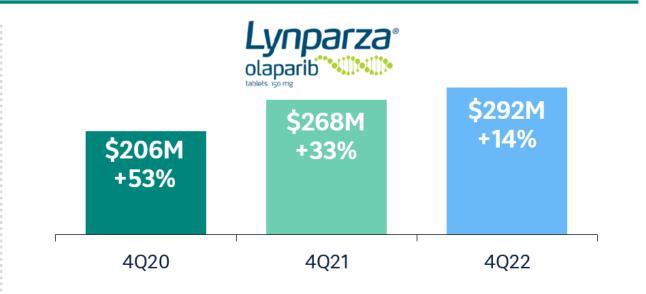


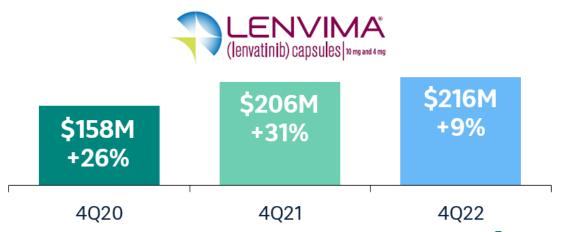




## Oncology: Robust performance across broad portfolio

- Lynparza<sup>1</sup> sales increased 14%, with growth driven by continued demand in adjuvant treatment of certain patients with gBRCAm, HER2-negative high-risk earlystage breast cancer
- Lenvima<sup>2</sup> sales grew 9% driven by increased uptake in advanced RCC and advanced endometrial cancer in the U.S.
- WELIREG continues to perform in line with expectations providing a treatment option for patients with certain VHL-associated tumors







## Vaccines: Gardasil growth driven by strong global demand

- GARDASIL sales of \$1.5B increased 6% year-over-year primarily driven by strong underlying demand outside the U.S.
  - Ex-U.S., reflects demand driven growth, particularly in China
  - U.S. sales declined primarily due to CDC purchasing patterns
- Pediatric launch of VAXNEUVANCE off to an encouraging start; sales benefitted from inventory stocking



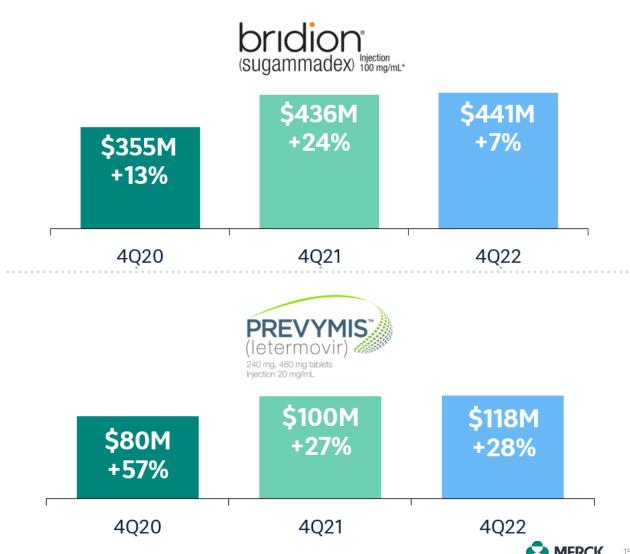






## Hospital: Strong global demand across key products

- BRIDION sales of \$441M increased 7% primarily due to greater share among neuromuscular blockade reversal agents and increase in surgical procedures
- PREVYMIS sales grew 28%, driven by continued strong global demand
- ZERBAXA benefited from completion of global resupply which started in Q4 2021



## Animal Health: Solid growth driven by livestock

- Animal Health sales increased 6% to \$1.2B, reflecting strategic price actions and volume growth
  - Livestock sales grew 12% due to increased demand in ruminants and poultry products
  - Companion Animal sales decreased 5% due to supply challenges for certain vaccines and a reduction in vet visits in October, which improved during the quarter





## Q4 2022 continuing operations non-GAAP financial results summary<sup>1</sup>

	Q4 2022	Q4 2021	Change	Change Ex-FX
Sales	\$13.8	\$13.5	+2%	+8%
Non-GAAP Gross Margin	75.7%	74.8%	+0.9pts	+0.3pts
Non-GAAP Operating Expenses <sup>2</sup>	\$5.7	\$5.3	+8%	+12%
Non-GAAP Tax Rate	15.6%	4.3%	+11.3pts	N/A
Non-GAAP EPS <sup>3</sup>	\$1.62	\$1.81	-10%	-7%

<sup>1.</sup> Merck is providing certain 2022 and 2021 non-GAAP information that excludes certain items because of the nature of these items and the impact they have on the analysis of underlying business performance and trends. Management believes that providing this information enhances investors' understanding of the company's results because management uses non-GAAP results to assess performance. Management uses non-GAAP measures internally for planning and forecasting purposes and to measure the performance of the company along with other metrics. In addition, senior management's annual compensation is derived in part using a non-GAAP pre-tax income metric. This information should be considered in addition to, but not as a substitute for or superior to, information prepared in accordance with GAAP. For a description of the non-GAAP adjustments, see Table 2a attached to the press release. Non-GAAP results for 2021 have been recast to conform to presentation changes implemented in 2022. 2. Non-GAAP results include \$690 million of R&D expense, or an estimated \$0.22 of negative impact to EPS, related to an asset acquisition, and collaboration and licensing agreements 3. Q4 2022 GAAP EPS of \$1.18.



## Merck provides full-year 2023 guidance

	Guidance	Key Assumptions
Revenue	\$57.2B to \$58.7B -4% to -1% (-2% to +1% ex-FX)	<ul> <li>Includes approximately \$1B of LAGEVRIO revenue</li> <li>Ex-LAGEVRIO, growth of 5% to 8% (7 to 10% ex-FX)</li> <li>Assumes ~2% FX headwind</li> </ul>
Non-GAAP Gross Margin Rate <sup>1</sup>	~77.0%	
Non-GAAP Operating Expenses <sup>2</sup>	\$23.1B to \$24.1B	<ul> <li>Includes \$1.4B of upfront R&amp;D expense related to acquisition of Imago Biosciences and expansion of collaboration with Kelun Biotech</li> </ul>
Other (Income) / Expense	~\$250M of income	Assumes no pension settlement cost as well as an expectation of higher interest income and higher joint venture equity income
Tax Rate <sup>3</sup>	~17.0%-18.0%	<ul> <li>Assumes unfavorable impact due to the R&amp;D capitalization provision, as well as ~1% unfavorable impact related to Imago</li> </ul>
Shares Outstanding	~2.55B	
GAAP EPS	\$5.86 to \$6.01	
Non-GAAP EPS <sup>4,5</sup>	\$6.80 to \$6.95	<ul> <li>Reflects upfront R&amp;D expense \$0.53 for Imago Biosciences and Kelun Biotech</li> <li>Assumes ~4% FX headwind</li> </ul>

<sup>1.</sup> GAAP Gross Margin Rate: ~73%. 2. GAAP Operating Expenses: \$23.3 to \$24.3 billion. 3. GAAP Tax Rate: ~17-18% 4. The GAAP to non-GAAP reconciliation is available in Merck's Q4 2022 earnings release 5. Merck does not exclude expenses for upfront and milestone payments related to collaborations and licensing agreements, as well as charges related to pre-approval assets obtained in transactions accounted for as asset acquisitions from its non-GAAP results.



### Key modeling considerations for 2023

#### **GARDASIL**

- Expect strong growth driven by robust global demand, particularly in ex-U.S. markets
- Increased ability to supply positions us well to support significant demand now and in the future

#### **Other Revenue**

- Expect significant decline, resulting from smaller planned benefit from revenue hedges following U.S. dollar strength in 2022
  - Resulted in an ~\$800M benefit in 2022
- Reflects discontinuation of thirdparty manufacturing sales to Johnson and Johnson

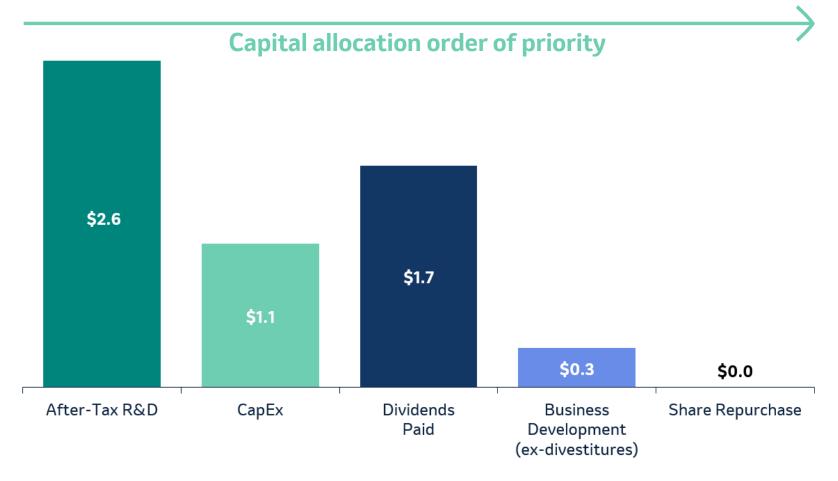
## Other (Income) / Expense and Tax Rate

- Other Income assumes no pension settlement cost; expect higher interest income and joint venture equity income
- Tax Rate assumes unfavorable impact of R&D capitalization provision and approximate 1 ppt unfavorable impact related to the Imago transaction



## Remain committed to balanced capital allocation strategy

#### \$ Billions<sup>1</sup>



Continue to prioritize investments in our **pipeline** and **business** to realize value of near- and long-term opportunities



## Research Update

**Dr. Dean Li**President, Merck Research Laboratories



## **APPROVED**

## Working to help transform the landscape of cancer treatment by focusing on earlier stages of disease

## Making progress in the treatment of earlier stage non-small cell lung cancer through various clinical trials

 KEYNOTE-091: Received FDA approval for KEYTRUDA for adjuvant treatment of adult patients with stage IB (T2a >=4 cm), II or IIIA NSCLC following resection and platinum-based chemotherapy

- KEYNOTE-671: Evaluating KEYTRUDA with platinum doublet chemotherapy as neoadjuvant followed by adjuvant therapy for patients with resectable stage II, IIIA and IIIB NSCLC
- KEYNOTE-867: Evaluating KEYTRUDA in patients undergoing stereotactic body radiotherapy with unresected stage I or II NSCLC
- **KEYLYNK-012:** Evaluating KEYTRUDA in combination with Lynparza<sup>1</sup> in stage III disease

Advancing our collaboration with Moderna to leverage mRNA technology with KEYTRUDA to target the unique mutational signature of each patient's tumor in melanoma and other tumor types

#### mRNA-4157/V940

Designed to stimulate an immune response by generating specific T cell responses based on the unique mutational signature of a patient's tumor

#### KEYTRUDA

Immunotherapy that increases the ability of the body's immune system to help detect and fight tumor cells



### Advancing our broader oncology portfolio

#### **Positive Data Readouts**

- KEYNOTE-966: Announced positive Phase III results evaluating KEYTRUDA in combination with chemotherapy in 1L treatment of advanced or unresectable biliary tract cancer
- KEYNOTE-859: Announced positive Phase III results evaluating KEYTRUDA in combination with chemotherapy in HER2negative locally advanced unresectable or metastatic gastric or gastroesophageal junction adenocarcinoma

#### Hematology

- Announced acquisition of Imago Biosciences:
  - Lead candidate bomedemstat a potentially first-in-class orally available lysine-specific demethylase 1 inhibitor (LSD-1)
- Presented data at American Society of Hematology Meeting for:
  - favezelimab (anti-LAG3)
  - zilovertamab vedotin (ROR-1)
  - nemtabrutinib (BTKi)
  - KEYTRUDA

#### **Ex-U.S. Approvals**

#### • In Europe:

 Received approval for Lynparza<sup>1</sup> in combination with abiraterone and prednisone or prednisolone for the treatment of certain patients with mCRPC based on PROpel

#### • In China:

- Received approval for KEYTRUDA in neoadjuvant / adjuvant high-risk, earlystage TNBC based on KN-522
- Received approval for KEYTRUDA in hepatocellular carcinoma based on KN-394

## Tissue Targeting Therapies

- Padcev<sup>2</sup>: FDA accepted sBLA for Keytruda to be used in combination with Padcev, an ADC targeting Nectin-4, for 1L treatment of certain patients with locally advanced or metastatic urothelial cancer who are ineligible for cisplatincontaining chemotherapy
- Kelun-Biotech: Expanded collaboration with up to 7 additional preclinical antibody drug conjugate candidates
- PeptiDream: Expanded ongoing collaboration for the discovery and development of peptide drug conjugates



## Focusing on important unmet medical needs through vaccine development programs

#### **Dengue**

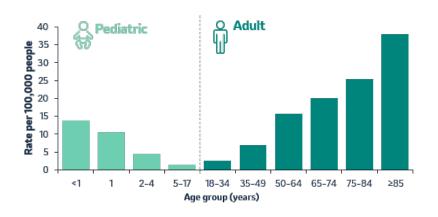
 Collaborating with Instituto Butantan (IB) to conduct a detailed analysis of IB's positive Phase 3 data in order to determine further clinical development of Merck's vaccine candidate, V181



V181 is being investigated to help provide, in a single dose, protection against all four dengue serotypes regardless of prior exposure to dengue

#### **Invasive Pneumococcal Disease**

- Receiving positive feedback from physicians following launch of VAXNEUVANCE in the pediatric setting
- VAXNEUVANCE offers strong immunogenicity, including in the first year of life where incidence of IPD is greatest within the healthy pediatric population





### Recent data published on cancer incidence

#### **Cervical Cancer**

- We, along with others in the industry, are making a real impact in our goal to help reduce cancer incidence
- American Cancer Society published its annual report on cancer facts and trends
- Reinforces our commitment to bringing forward treatment and prevention options to help patients



Among women ages 20 to 24, cervical cancer incidence rates declined by a total of ... 65% from 2012 through 2019.<sup>1</sup>



- American Cancer Society

## Significant advancements across our broader pipeline and portfolio

#### COVID-19

- Granted conditional marketing authorization for LAGEVRIO by China's National Medical Products Administration
- Under Emergency Use Authorization, LAGEVRIO remains an important treatment option as the COVID-19 pandemic continues to evolve

#### Cardiovascular

At ACC.23/WCC on March 6<sup>th</sup>, Merck to:

- Present results from Phase 3 STELLAR study evaluating sotatercept for treatment of pulmonary arterial hypertension
- Present data from Phase 2 study evaluating MK-0616, oral macrocyclic peptide PCSK9 inhibitor, for treatment of hypercholesterolemia
- Host live investor event

### Strong progress across our pipeline throughout 2022

#### Oncology

- KEYTRUDA:
  - Received approval for advanced endometrial cancer that is MSI-H or dMMR (KN-158)
  - Received approval for KN-091 for adjuvant treatment of adult patients with stage IB (T2a >= 4cm), II or IIIA NSCLC following resection and platinum-based chemotherapy
  - Announced positive topline results for HER2- locally advanced unresectable or metastatic gastric or GEJ adenocarcinoma (KN-859)
- Lynparza: Received approval for adjuvant treatment of adults with gBRCAm, HER2- high-risk early breast cancer (OlympiA)
- MRNA-4157/V940: Announced positive topline results for Phase 2b trial in adjuvant treatment in patients with stage III/IV melanoma following complete resection

#### **Cardiometabolic**

- Sotatercept: Announced positive topline results for Phase 3 STELLAR trial in PAH
- MK-0616: Completed Phase 2 trial in patients with hypercholesterolemia
- MK-2060: Received Fast Track designation for the reduction in risk of major thrombotic cardiovascular events in patients with ESRD
- MK-5475: Initiated Phase 2 study in patients with PH-COPD

#### **Vaccines**

- VAXNEUVANCE: Received approval in the pediatric setting
- V116: Received Breakthrough Therapy Designation and advanced into Phase 3 trials for the prevention of invasive pneumococcal disease and pneumococcal pneumonia in adults
- V181: Merck collaborator Instituto Butantan (IB) announced positive topline results from IB's Phase 3 dengue vaccine candidate.
   Results to inform next steps for V181 program<sup>1</sup>

#### **Infectious Disease**

- Islatravir: Reinitiated development program in the HIV treatment setting
- MK-8527: Initiated Phase 1b study of internal novel NRTTI<sup>2</sup> for HIV PrEP
- LAGEVRIO: Initiated Phase 2 trial for the treatment of RSV





## Q&A



**Rob Davis** Chairman & Chief Executive Officer



**Caroline Litchfield**Chief Financial Officer



**Dr. Dean Li**President, Merck Research Laboratories

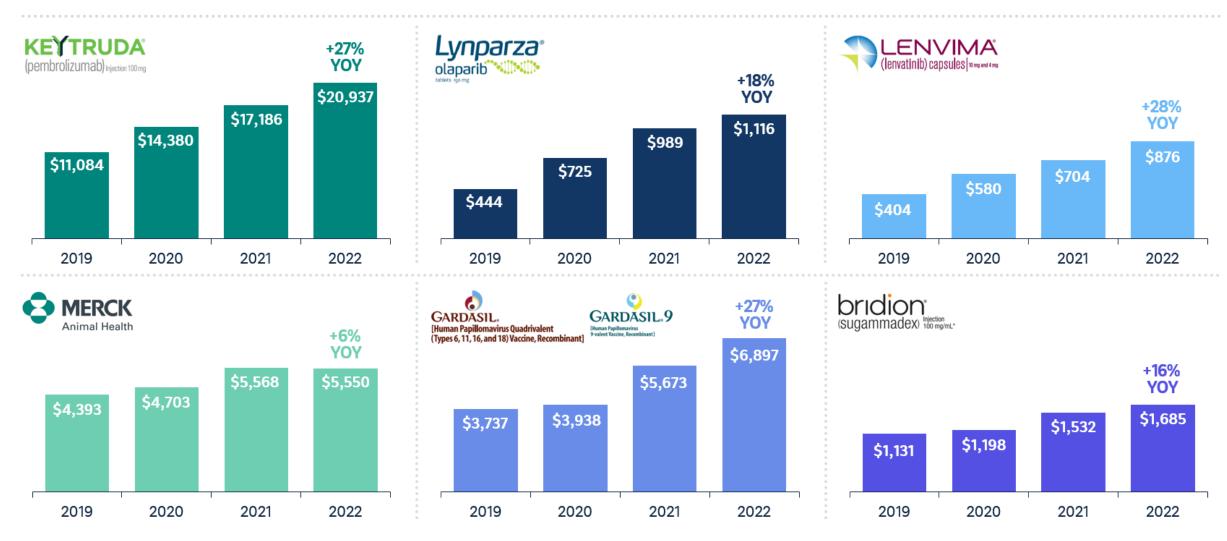


**Peter Dannenbaum** Vice President, Investor Relations



## Appendix

## Sustained strong full-year performance across key growth pillars



All growth rates exclude the impact of foreign exchange. \$ In millions.



## Q4 2022 continuing operations GAAP financial results summary

	Q4 2022	Q4 2021	Change	Change Ex-FX
Sales	\$13.8	\$13.5	+2%	+8%
Operating Expenses	\$6.5	\$5.9	+10%	+13%
Tax Rate	14.1%	2.2%	+11.9pts	N/A
GAAP EPS	\$1.18	\$1.51	-22%	-17%

## 2022 continuing operations GAAP financial results summary:

	2022	2021	Change	Change Ex-FX
Sales	\$59.3	\$48.7	+22%	+26%
Operating Expenses	\$23.6	\$21.9	+8%	+11%
Tax Rate	11.7%	11.0%	+0.7pts	N/A
GAAP EPS	\$5.71	\$4.86	+17%	+21%

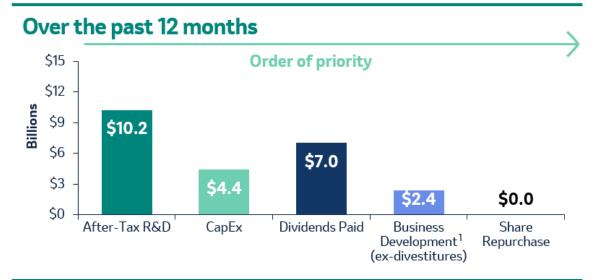
## 2022 continuing operations non-GAAP financial results summary: Delivered strong revenue and EPS growth

	2022	2021	Change	Change Ex-FX
Sales	\$59.3	\$48.7	+22%	+26%
Non-GAAP Gross Margin <sup>1</sup>	74.4%	76.1%	-1.7pts	-2.1pts
Operating Expenses	\$21.6	\$21.0	+3%	+6%
Tax Rate	14.2%	12.4%	+1.8pts	N/A
Non-GAAP EPS that excludes certain items <sup>1</sup>	\$7.48	\$5.37	+39%	+43%

<sup>1.</sup> Merck is providing certain 2022 and 2021 non-GAAP information that excludes certain items because of the nature of these items and the impact they have on the analysis of underlying business performance and trends. Management believes that providing this information enhances investors' understanding of the company's results and permits investors to understand how management assesses performance. Management uses these measures internally for planning and forecasting purposes and to measure the performance of the company along with other metrics. In addition, senior management's annual compensation is derived in part using non-GAAP pretax income. This information should be considered in addition to, but not as a substitute for or superior to, information prepared in accordance with GAAP.



### Capital allocation: Trailing twelve months



#### **Capital investments**

2022 to 2026

~\$18B

Over 5 years, including expanding manufacturing capacity for Oncology, Vaccines, and Animal Health. Includes >\$10B in the U.S.

Well positioned balance sheet with capacity to fund additional value-enhancing business development opportunities

#### Commitment to the dividend





## Driving value for patients and shareholders by progressing our pipeline

## Key regulatory milestones since the last earnings call:

#### • In the U.S.:

 The FDA granted approval of KEYTRUDA following surgical resection and platinum-based chemotherapy in patients with stage IB, II or IIIA non-small cell lung cancer based on KN-091, as well as accepted submission of Supplemental Biologics License Applications for PADCEV<sup>1</sup> + KEYTRUDA to be used in combination as 1L treatment of certain patients with locally advanced or metastatic urothelial cancer who are ineligible for cisplatin-containing chemotherapy based on KN-869

#### • In Europe:

 Received approval for Lynparza<sup>2</sup> in combination with abiraterone and prednisone or prednisolone in certain patients with metastatic castration-resistant prostate cancer based on PROpel

#### • In China:

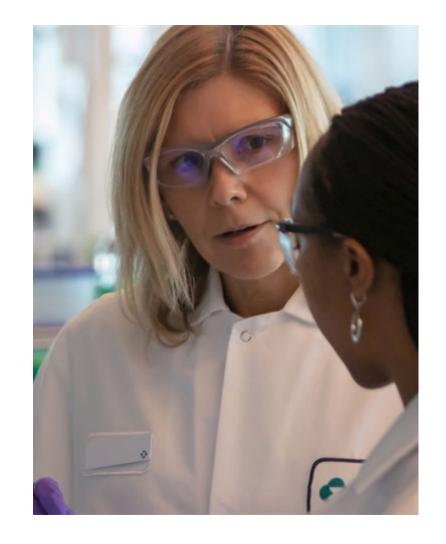
 Received approval for KEYTRUDA in patients with high-risk early-stage TNBC in combination with chemotherapy as neoadjuvant treatment based on KN-522, as well as conditional marketing authorization for LAGEVRIO in adult patients with mild to medium COVID-19 infection and a high risk of progressing to severe cases

#### In Japan:

 Completed submission of KN-170/KN-A33 in patients with relapsed or refractory primary mediastinal large B-cell lymphoma

## Key data & clinical advancements since the last earnings call:

- Announced with partner Moderna, positive topline results from Phase 2b KN-942 trial evaluating mRNA-4157/V940, an investigational personalized mRNA cancer vaccine in combination With KEYTRUDA
- Announced positive topline results from Phase 3 KN-859 trial evaluating KEYTRUDA in combination with chemotherapy for 1L treatment in patients with HER2negative locally advanced unresectable or metastatic gastric or gastroesophageal junction (GEJ) adenocarcinoma
- Presented data across broad hematology pipeline and portfolio at ASH, including for favezelimab (MK-4280), zilovertamab vedotin (MK-2140), nemtabrutinib (MK-1026) and KEYTRUDA
- Announced publication of updated systematic literature review examining the global impact and effectiveness of GARDASIL across 138 studies
- Initiated Phase 3 studies for MK-1026 in hematologic malignancies



## Broad and innovative pipeline to solve significant unmet medical needs

	Phase 2		Phase 3	Under regulatory review
Oncology  MK-0482 MK-2870 Neoplasm MK-1026 (nemtabrutinib) Hematological Malignancies Advanced S  MK-1308 (quavonlimab) NSCLC (bomedems Myeloprolife Disorders (quavonlimab) + pembrolizumab) CRC (favezelimal NSCLC Melanoma SCLC (favezelimal Aurunab) CRC MK-2140 (zilovertamab vedotin) Bladder Breast RCC Gastric Hematological Malignancies NSCLC SCLC  Was a MK-2140 (zilovertamab Melanoma RCC SCLC SCLC SCLC SCLC SCLC SCLC SCLC	MK-4830 WELIRECT Malignant CRC Biliary  Esophageal Certain V Melanoma CRC Ovarian Esophage Stat) RCC HCC SCLC Pancreati Rare Cand MK-5684 Prostate  MK-5890 (boserolimab) Advanced NSCLC SCLC LENVIMA Bilians	eal Breast Cervical CRC cers Endometrial Esophageal Gastric HCC HNSCC Hematological Malignancies Ovarian Prostate  TUKYSA (MK-7119) Advanced Solid Tumors Bladder Blibert  TERVICA (MS-7119) Advanced Solid Tumors Bladder Blibert	Oncology  KEYTRUDA (MK-3475) Biliary Tract CSCC (EU) Gastric (EU) Hepatocellular (EU) Mesothelioma Ovarian Ovarian Ovarian NSCLC Prostate SCLC  MK-1308A (quavonlimab + pembrolizumab) RCC  MK-7684A (vibostolimab + pembrolizumab) Melanoma NSCLC SCLC  MK-4280A (favezelimab + pembrolizumab) CRC  MK-4280A (favezelimab + pembrolizumab) CRC  MK-4280A (favezelimab + pembrolizumab) CRC Hematological Malignancies  Infectious diseases  MK-8591A (doravirine+islatravir)² HIV-1 Infection  LAGEVRIO (MK-4482)³ COVID-19 antiviral  Vaccines  MK-1654 (clesrovimab)  V116	Under regulatory review  Oncology  KEYTRUDA (MK-3475) 1L Urothelial (US) 2L HCC (US) LA Merkel Cell (US) Adjuvant NSCLC (EU) B-Cell Lymphoma (JPN) LYNPARZA (MK-7339) Metastatic 1L Prostate (US, JPN)  Vaccines  V114 Pneumococcal Vaccine, pediatric (JPN)  General medicine Gefapixant (MK-7264) Cough (US, EU)  Infectious diseases  LAGEVRIO (MK-4482) COVID-19 antiviral (EU)
MK-8591D (islatravir+lenacapavir) <sup>2</sup> HIV-1Infection	MK-7962 (sotatercept) Pulmonary Hypertension due to Left Heart Disease	MK-7075 (miransertib) Overgrowth Syndrome Neuroscience  MK-8189 <sup>4</sup> Schizophrenia	Respiratory Syncytial Virus (RSV)  Cardiovascular  MK-7962 (sotatercept) Pulmonary Arterial Hypertension	_
On FDA clinical hold <sup>2</sup> On FDA partial clinical hold for hig Available in the US under EUA <sup>4</sup> Development is co-fund	her doses than those used in current clinical trials ded by Royalty Pharma	r		As of February 1, 2023