

## Focused on Growth and Innovation

### **Full-year results 2022**

Webcast presentation February 14, 2023



#### **David Veitch**

Chief Executive Officer

#### Introduction



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## FY 2022 – Key achievements

#### **CORPORATE**

 Successful implementation of new strategy

#### **FINANCIAL RESULTS**

- 22.4% y-o-y increase of royalty income
- Operating profit of CHF 18.5 mn
- Net profit of CHF 12.1 mn

#### **CRESEMBA**

- 19% y-o-y increase of global inmarket sales to > USD 363 mn\*
- Launched in 63 countries
- Completed pediatric program

#### **TRANSITION YEAR**

- CHF 15 mn revenue from oncology asset transactions:
  - PARG to Nodus Oncology
  - CLK to Redona Therapeutics\*\*
  - TTK/PLK1 (BAL0891) to SillaJen

#### **BALANCE SHEET**

- Repayment of the 2022
   convertible bonds
- Debt level reduced without diluting shareholders

#### **ZEVTERA**

- Positive topline results for phase 3 ERADICATE study
- Pre-NDA meeting with FDA

\*MAT Q3/2022 vs. Q3/2021; MAT: Moving annual total; Source: IQVIA Analytics Link, September 2022 \*\* formerly: Twentyeight-Seven Therapeutics

#### Potential for sustainable growth and value creation based on commercialized brands and innovative pipeline

	Products / Product candidates / Indication	Preclinical	Phase 1	Phase 2	Phase 3	Market
Antifungals	Cresemba <sup>®</sup> (isavuconazole)					
-	Invasive aspergillosis and mucormycosis (US and EU and several other countries)					
	Deep-seated mycoses, including invasive aspergillosis, chronic pulmonary aspergillosis (CPA), mucormycosis and cryptococcosis (Japan)					
Antibiotics	Zevtera <sup>®</sup> (ceftobiprole)					
	Hospital- and community-acquired bacterial pneumonia (HABP, CABP) (major European and several non-European countries)					
	Acute bacterial skin and skin structure infections (ABSSSI) TARGET study <sup>1</sup>					
	Staphylococcus aureus (MSSA/MRSA) bacteremia         ERADICATE study <sup>1</sup> (bloodstream infections)         ERADICATE study <sup>1</sup>					
	<b>DXR inhibitor program<sup>2</sup> CARB-X</b> Infections caused by multi-drug resistant Gram-negative bacteria					
	Internal research					
	In-licensing					

1 Studies to support US NDA. Phase 3 program is funded in part with federal funds from the US Department of Health and Human Services; Administration for Strategic Preparedness and Response; Biomedical Advanced Research and Development Authority (BARDA).

2 CARB-X's funding for this project is sponsored by Cooperative Agreement Number IDSEP160030 from ASPR/BARDA and by awards from Wellcome Trust and Germany's Federal Ministry of Education and Research. The content is solely the responsibility of the authors and does not necessarily represent the official views of CARB-X or any of its funders.

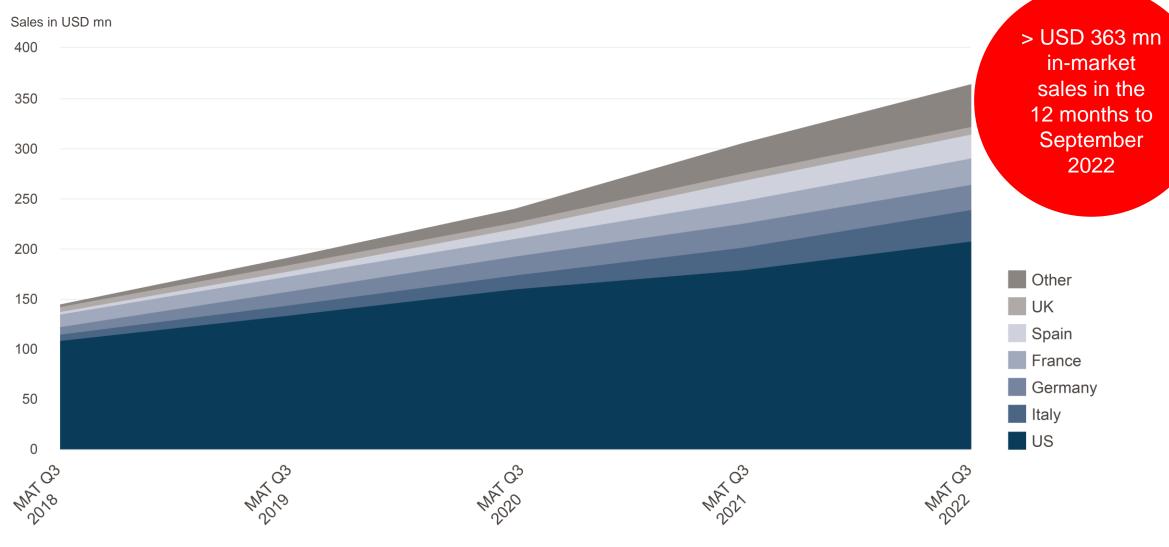


# Adesh Kaul Chief Financial Officer

#### Commercial & financial update



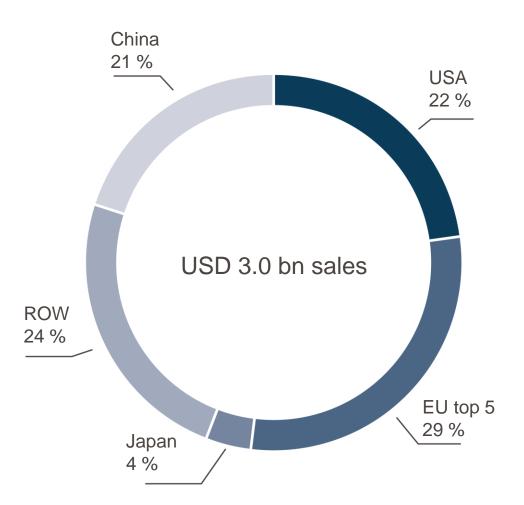
## Cresemba continues strong in-market sales uptake



MAT: Moving annual total; Source: IQVIA Analytics Link, September 2022

# Significant growth potential for Cresemba

- USD 3.0 bn sales of best-in-class antifungals\* (MAT Q3 2022)
- Incremental growth from additional markets representing more than 25% of global potential
  - Launch in Japan coming soon
  - Listed on China's National Reimbursement Drug List (NRDL) for the i.v. treatment
  - Additional country launches



\* Best-in-class antifungals: Cresemba (isavuconazole), posaconazole, voriconazole, AmBisome, anidulafungin, caspofungin, micafungin

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MAT: Moving annual total; Source: IQVIA Analytics Link, September 2022

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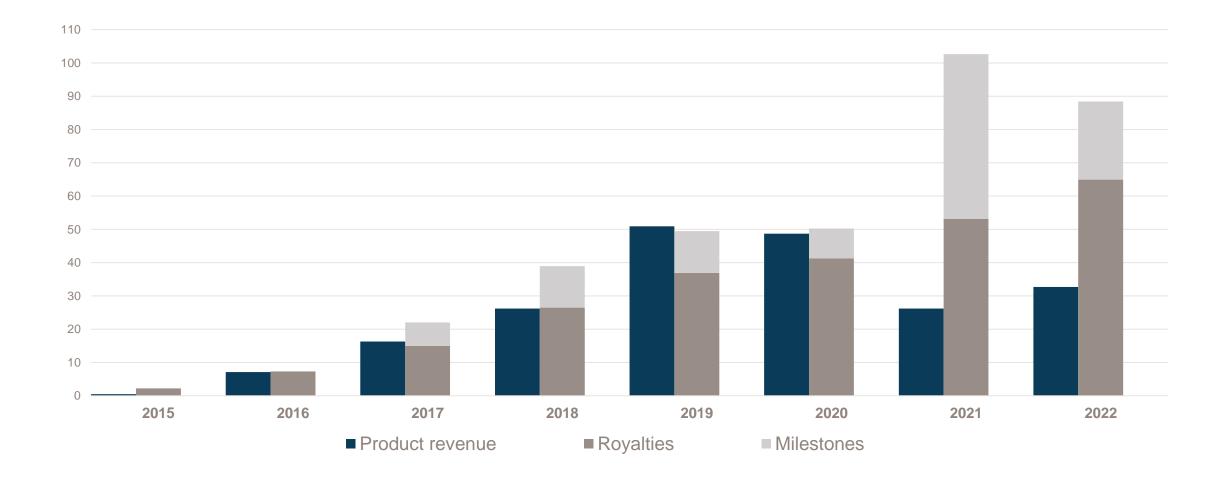
#### **Exceeded guidance – Strong financial results 2022**

In CHF mn	FY 2022 (actual)	FY 2022 (guidance)	
Cresemba & Zevtera related revenue	122.3	98 – 104	
Royalty income	65.0	~59	
Total revenue	147.8	116 – 122	
Cost of products sold Operating expenses	24.6 104.6	21 – 24 ~110	
Operating profit/(loss)	18.5	(10 – 15)	

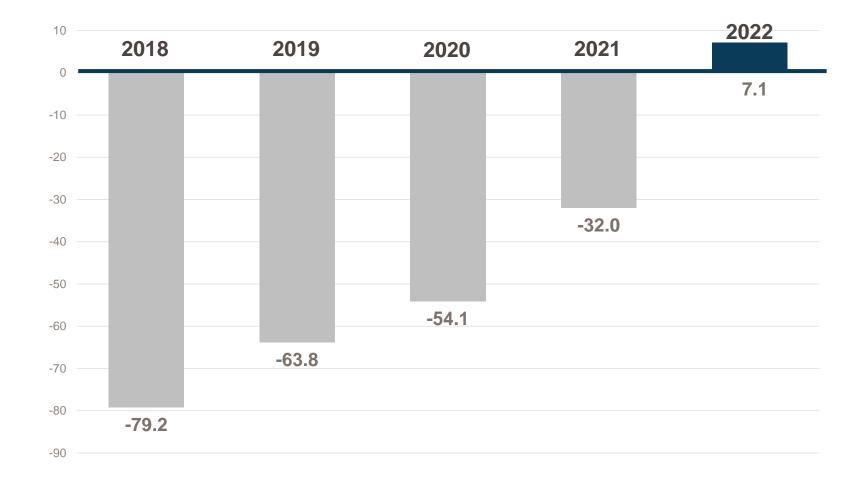
Note: Consistent rounding was applied.



### Cresemba and Zevtera revenue breakdown (in CHF mn)

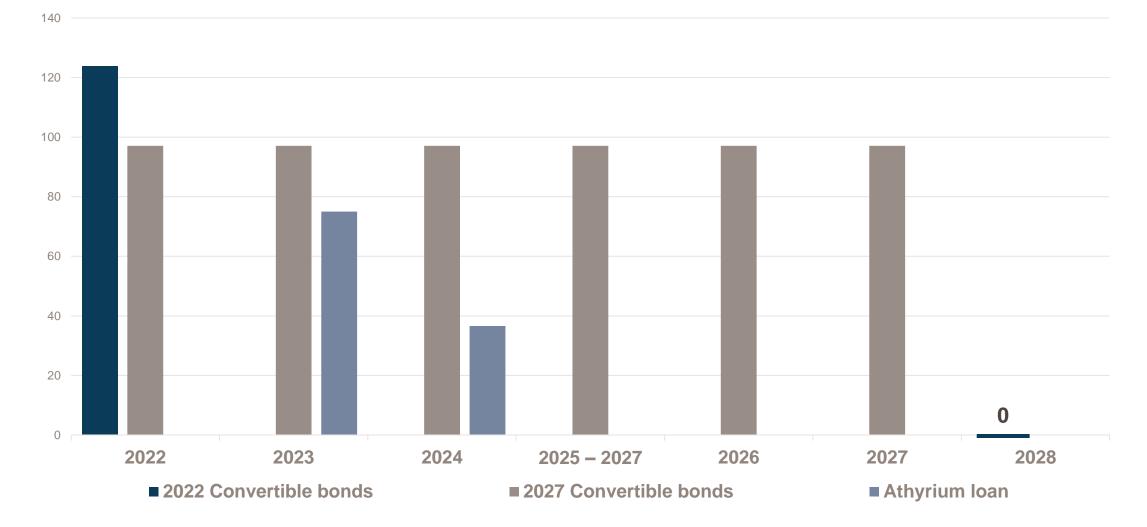


# Cash flows from operating activities (in CHF mn)



Note: Consolidated figures in conformity with US GAAP; rounding applied consistently

### Continued reduction of debt level (in CHF mn)



Note: Figures as of the beginning of the fiscal year; rounding applied consistently

#### 2023 guidance – Continued growth in Cresemba & Zevtera related revenue and significant increase in profitability\*

In CHF mn	FY 2023e (guidance)	FY 2022
Cresemba & Zevtera related revenue	145 – 148	122.3
Royalty income	~74	65.0
Total revenue	155 – 158	147.8
Cost of products sold Operating expenses	25 – 28 ~80	24.6 104.6
Operating profit	45 – 50	18.5
Net profit	36 – 41	12.1

\*Excluding the impact of in-licensing activities

# Marc Engelhardt Chief Medical Officer

Portfolio update



#### Antifungal **Cresemba**<sup>®</sup> (isavuconazole)

#### Invasive mold infections

#### SCRESEMBA 100 mg



hard capsules

#### Isavuconazole

#### Oral use.

Each hard capsule contains 100 mg isavuconazole (as 186.3 mg isavuconazonium sulfate)

14 hard capsules



EU/1/15/1036/002

#### Cresemba pediatric development

- A pediatric development plan comprising 2 clinical studies was agreed with the FDA and the EMA
- Successful completion of the plan potentially results in 2 years additional market exclusivity in Europe and 6 months additional market exclusivity in the USA
- Clinical studies were undertaken in collaboration with Basilea's US partner Astellas and completed enrollment in August 2022
- FDA/EMA submission to propose pediatric labelling and request extension of exclusivity is planned in H2 2023
- Pediatric label approval is expected in H2 2024 in order to gain the exclusivity extension in both territories

#### Antibacterial Zevtera® (ceftobiprole)

Severe bacterial infections



# **Zevtera**<sup>®</sup> 500 mg powder for concentrate for solution for infusion. Ceftobiprole (as ceftobiprole medocaril sodium).

Each vial contains 500 mg of ceftobiprole, equivalent to 666.6 mg of ceftobiprole medocaril sodium.

For intravenous use after reconstitution and dilution. Read the package leaflet before use.

10 vials

# **Ceftobiprole opportunity**

- Broad-spectrum hospital anti-MRSA cephalosporin (including Gram-negative bacteria)
  - Rapid bactericidal activity
  - Potential to replace antibiotic combinations
  - Efficacy demonstrated in phase 3 clinical program in SAB, ABSSSI and pneumonia<sup>1, 2, 3</sup>
  - Low propensity for resistance development<sup>1</sup>
  - Safety profile consistent with the cephalosporin class safety profile, demonstrated in both adult and pediatric patients<sup>1, 2, 3, 4</sup>
- Marketed in selected countries in Europe, Latin America, the MENA-region and Canada

Approved in major European countries & several non-European countries for both hospitalacquired bacterial pneumonia (HABP), excluding ventilator-associated pneumonia (VAP), and community-acquired bacterial pneumonia (CABP). Not approved in the US

MENA: Middle East and North Africa

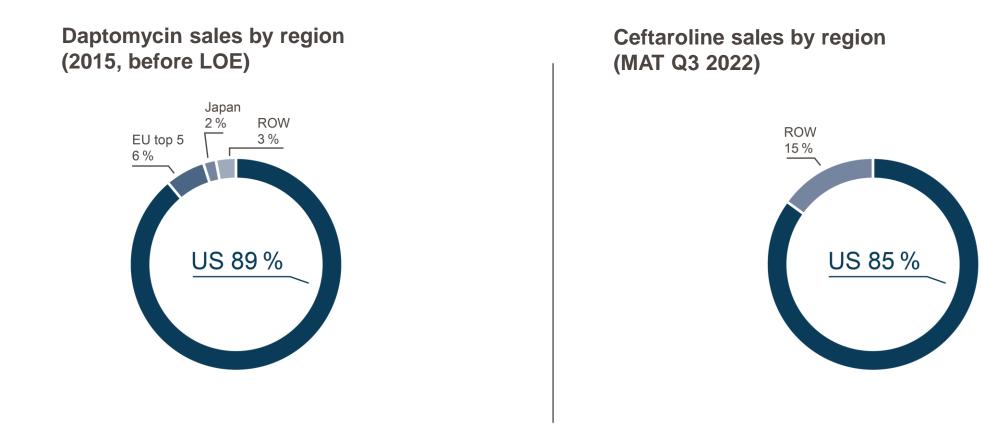
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<sup>1</sup> Syed YY. Drugs. 2014;74:1523-1542 and Basilea data on file.

- <sup>2</sup> Overcash JS et al. Clin Infect Dis. 2021;73:e1507-e1517.
- <sup>3</sup> Holland TL et al., Open Forum Infect. Dis. 2022, 9: (S931–S932).

<sup>4</sup> Rubino CM et al. Pediatr Infect Dis J. 2021;40:997-1003.

# The hospital anti-MRSA antibiotic market — A USD 2.7 bn market\* with the US being the most important region



\* Vancomycin, linezolid, teicoplanin, daptomycin, tigecycline, telavancin, ceftaroline, dalbavancin, ceftobiprole, oritavancin and tedizolid (daptomycin and tigecycline are partial sales in the US in IQVIA data)

MRSA: Methicillin-resistant Staphylococcus aureus; LOE: Loss of exclusivity; ROW: Rest Of World; MAT: Moving annual total; Source: IQVIA Analytics Link, September 2022

# Ceftobiprole — Strategy for accessing the US market

- Planned US NDA submission in March/April:
  - Two cross-supportive phase 3 studies under FDA Special Protocol Assessment (SPA)
    - Acute bacterial skin and skin structure Infections (ABSSSI)<sup>1</sup>
    - 2. Staphylococcus aureus bacteremia (SAB)<sup>2</sup>



 Previously completed phase 3 study in community-acquired bacterial pneumonia (CABP) as a third indication<sup>3</sup>

- Phase 3 program largely funded by BARDA (~70% total program costs; up to USD ~136 mn)
- Qualified Infectious Disease Product (QIDP) designation extends US market exclusivity to 10 years from approval
- Commercialization planned through partnership
  - Partnership to be secured prior to the regulatory decision



<sup>1</sup> Overcash JS et al. Clin Infect Dis. 2021;73:e1507-e1517.
<sup>2</sup> Holland TL et al., Open Forum Infect. Dis. 2022, 9: (S931–S932).
<sup>3</sup> Nicholson SC et al. International Journal of Antimicrobial Agents 2012 (39), 240-246.

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# **Ceftobiprole** — **Place** in therapy

- Excellent treatment option in difficult-to-treat patients presenting to the hospital with severe infections, especially when the clinician suspects involvement of Gram-positive pathogens including *Staphylococcus aureus*
- Single agent first-line bactericidal broad-spectrum therapy with proven efficacy in SAB, ABSSSI and CABP, enabling to treat these vulnerable patients effectively early in their disease to achieve recovery
- Ceftobiprole is differentiated versus competitors in various clinically important aspects, including:
  - The strong, bactericidal activity against MSSA and MRSA
  - A robust Gram-negative coverage
  - Efficacy demonstrated in pulmonary infections in phase 3 studies
  - The renal safety profile
  - The low propensity for resistance development

#### Focused launch in area of highest unmet medical with expansion opportunities

#### **Patient potential in the United States**

- Staphylococcus aureus bacteremia (SAB): 130,000 cases
- Acute bacterial skin and skin structure Infections (ABSSSI): 600,000 cases
- Community-acquired bacterial pneumonia (CABP): 800,000 cases

Other indications (e.g. CABP)

ABSSSI leading to bacteremia

SAB-associated bone & joint infections, endocarditis

SAB

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#### **David Veitch**

Chief Executive Officer

#### Outlook



### **Key milestones**

Product	H2 2022	H1 2023	H2 2023
Ceftobiprole (Zevtera)		US NDA submission (March/April)	Regulatory decision in the US (November/December)
			Executing US partnership
Isavuconazole	Marketing approval in Japan 🗸	Launch in Japan	
(Cresemba)	Launched in 63 countries $\checkmark$		Pediatric submission

Increasing Cresemba & Zevtera revenue

In-licensing of anti-infectives (2023 and beyond)

Advancement of preclinical anti-infective assets





# Glossary

_	ABSSSI:	Acute bacterial skin and skin structure infections
-	BARDA:	Biomedical Advanced Research and Development Authority
_	CABP:	Community-acquired bacterial pneumonia
-	CARB-X:	Combating Antibiotic-Resistant Bacteria Biopharmaceutical Accelerator
-	EMA:	European Medicines Agency
-	HABP:	Hospital-acquired bacterial pneumonia
-	i.v.:	Intravenous
-	MSSA:	Methicillin-susceptible Staphylococcus aureus
-	MRSA:	Methicillin-resistant Staphylococcus aureus
-	NDA:	New Drug Application
-	QIDP:	Qualified Infectious Disease Product
—	SAB:	Staphylococcus aureus bacteremia
-	SPA:	Special Protocol Assessment
-	US GAAP:	United States Generally Accepted Accounting Principles
_	VAP:	Ventilator-associated pneumonia



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