

## Delivering on our Commercial Growth Strategy

## **Corporate Presentation**

September 2023

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## **Key Highlights from Today's Announcements**



#### **Announce H1 Financial Results**

Revenue and Other Income of US\$8.6 million Accrufer US Product Sales of US\$3.7 million SG&A Expenses of \$17.7m

Update on Q3 Prescription Demand and Market Access Expansion Record Prescription Demand accelerates in Q3 with forecasted 80% increase vs Q2 Estimated 28,000+ prescriptions in Q3 Market access expands to 123 million lives

#### Raised additional growth capital of c. US\$26+ million

- US\$20m credit facility with SWK Holdings, Inc US\$6.4 million in equity raise and warrant conversion
- US\$1.3 million in equity available for retail take up

#### The Unmet Needs of ID/IDA Patients are Real



Up to **70%** of people taking traditional oral iron report gastrointestinal issues<sup>1,2</sup>



Up to **60%** of patients will discontinue treatment due to adverse reactions<sup>3</sup>

#### Isn't it ironic -- What is meant to make patients feel better is making them feel worse



1. DeLoughery TG. Safety of oral and intravenous iron. Acta Haematol. 2019;142(1):8-12. doi:10.1159/000496966. 2. Tolkien Z, Stecher L, Mander AP, Pereira DIA, Powell JJ. Ferrous sulfate supplementation causes significant gastrointestinal side-e ects in adults: a systematic review and meta-analysis. PLoS One. 3. Cancelo-Hidalgo MJ, et al. Curr Med Res Opin. 2013;29(4):291-303

## Accrufer<sup>®</sup>: Demonstrated Efficacy, Established Safety and Unprecedented Tolerability

Proprietary Accrufer® maltol formulation and unique MOA delivers a total of 60mg<sup>1</sup> of elemental iron to the small intestine<sup>2</sup>

## <5%

Accrufer<sup>®</sup> adverse reaction & discontinuation rate<sup>1</sup>

## 2.25 g/dl

Increase in hemoglobin for Accrufer<sup>®</sup>-treated patients compared to 0.06 g/dl for placebo at week 12<sup>1</sup> (p < 0.0001) Data from three Phase 3 studies demonstrated consistent efficacy in both the IBD and CKD populations and supported a broad label as a treatment for patients with iron deficiency and iron deficiency with anemia

### OUR COMMERCIAL PARTNERSHIP MISSION



shield therapeutics



# To make Accrufer<sup>®</sup> the oral iron of choice in the U.S.



## Shield is an Innovative Specialty Pharmaceutical Company

- Commercial Expansion with Viatris completed in May 2023
- Delivering Substantial, Sequential U.S. Accrufer<sup>®</sup> Prescription growth

FDA approved lead product, Accrufer<sup>®</sup> (ferric maltol), is the only oral iron broadly indicated for use in adults suffering from iron deficiency, with or without anemia

#### **Strong Momentum Building**

- 50% sequential increase in Q2 U.S. Accrufer<sup>®</sup> prescriptions
- 80% increase\* in Q3 U.S. Accrufer prescriptions
- Substantial acceleration of KPIs: 1st time writers, new prescriptions, repeat writers
- Market Access Expansion As of 1 Sept 2023, total lives with Accrufer coverage now representing 123 million

#### **2023+ US Commercial Milestones**

- 2023: Grow US prescriptions to 100,000 130,000\*
- 2025: Grow US prescriptions to > 500,000\*
- 2025: Targeting USD 120+ million product revenue\*

## **Financial Highlights for H1:2023**



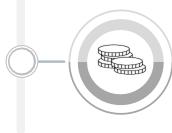
#### Revenues and Other Income of US\$8.6M (H1:2022 - US\$ 2.6M)

- 118% increase of net product revenue from Accrufer® sales in US to US\$3.7M (H1:2022 US\$1.7M)
- Net average sales price for Accrufer® in US of US\$119 in H1:2023 (H2: 2022 US\$124)
- Other income of US\$4.3M represents remainder of US\$5.0M upfront payment from Viatris



#### Loss for Period of US\$12.6M (H1:2022 - US\$15.1M)

- US\$17.7M selling, general and administrative (H1:2022 US\$15.2M), including:
  - US\$11.8M selling costs (H1:2022 US\$9.9M) and
  - US\$5.9M general & administration, plus depreciation and amortisation (H1:2022 US\$5.3M)
- US\$0.4M research and development expenditure (H1:2022 US\$1.3M)



Cash and Cash Equivalents of US\$13.6M at 30 June 2023 (31 Dec 2022 - US\$3.4M)

- Conversion of combined US\$11.8M by AOP Health from debt to equity during H1:2023
- Remaining balance on AOP Health loan of US\$5.7M at 30 June 2023 (incl. accrued interest)
- Monthly average net cash burn of US\$3.3M in H1:2023 (H2:2022 US\$2.3M)



## A Significant Market, Ripe for Innovative Disruption



## ~20 MILLION

Estimated number of individuals with anemia in the U.S.\*

#### Large, defined market:

- ✓ 13.4M prescriptions per year, majority OTC iron
- Total available US market opportunity of US\$2.3B\*\*

80% of prescriptions written by Women's Health and General Practitioners Unsatisfied market driven by gastrointestinal related adverse events and minimal efficacy Little to no innovation among oral iron therapies over past decade drives complacency for healthcare providers



## **Exclusive, Multi-Year US Co-Commercial Agreement**

Shared Vision to make Accrufer® market leader

100-person field sales team, 50 for Shield and 50 for Viatris

Shield and Viatris split net revenue and marketing costs (larger share to Shield)

Shield also eligible to receive sales milestones up to US\$30 million

shield therapeutics

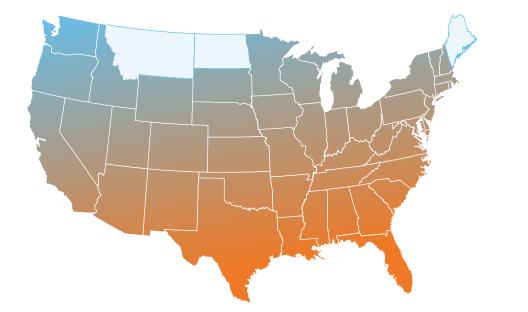
Shield and Viatris share expertise and resources across Marketing, Market Access, Patient Services and Operations May-Jun 2023+

Launch of new 100person sales team targets 12,000 top HCPs & refreshed brand positioning



#### **Expanded Sales Force Dramatically Increases Reach and Efficiency**

Collectively calling on 12,000+ high prescribing HCP's



#### Commercial Team Provides Wide US Coverage

#### Enlarged Sales Force

100 sales reps and 12 core leaders, supported by <del>a</del> marketing, reimbursement and customer service with experience across all relevant indications

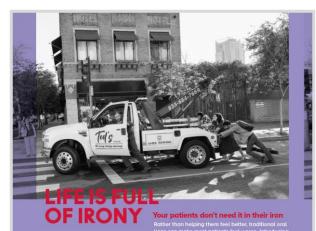
Newly Launched Commercial Advisory Board Enhances Key KOL Connections

OB/GYN & Hematology co-chairs, with 9 cross-specialty advisors

#### New Brand Campaign to Engage the Market – Launched May 2023

#### Introducing the "Ironic Campaign"

The Un-ironic Iron



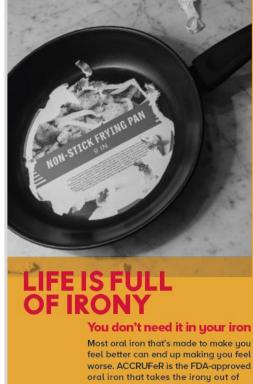
THE UN-IRONIC IRON

THAT MAKES YOU FEEL

**BETTER, NOT WORSE** 

## It's time for iron without the irony





#### oral iron—it's designed to do what it's actually supposed to do.



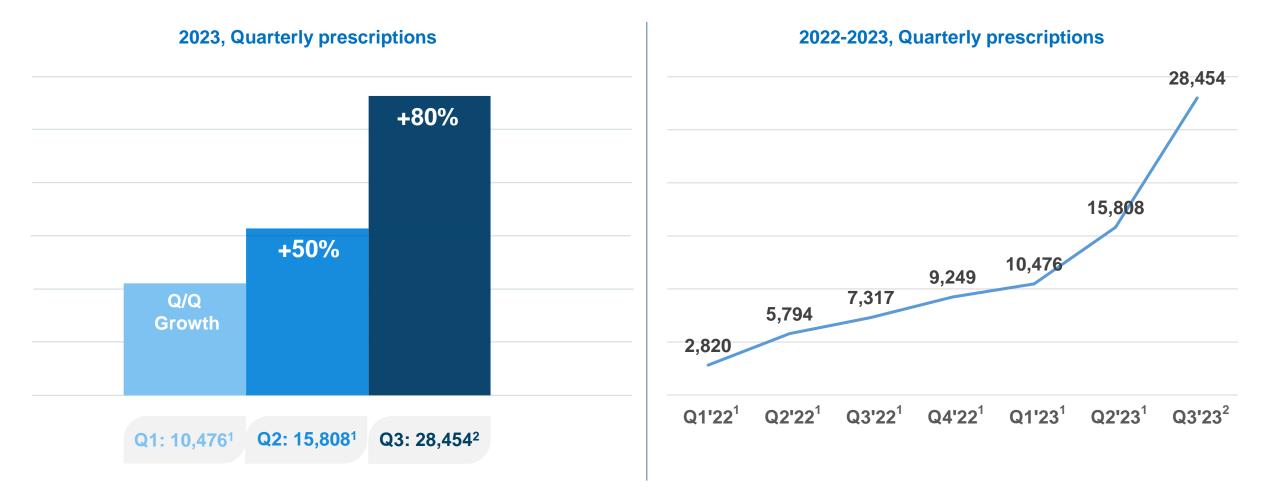
#### **GIVE PATIENTS** CCESS TO IPON

We've streamlined the process so you can bring patients the only FDA-approved oral iron for all adults with ID/IDA, regardless of underlying condition. Finally, an oral iron that can actually do what it's supposed to do ACCRUFeR® **BL<sup>i</sup>NKR** ID, Iron deficiency; IDA, Iron-deficiency on





# Strong Consecutive Quarterly Growth in Prescriptions, Following Commercial Expansion



## Substantial momentum- Sequential Q2 2023 KPI Increases

Strong growth highlight early impact of expanded commercial team

### Key 2023 KPIs

Average Monthly Prescription Growth May through August	+26%
First-Time Writers (Q2 vs Q1)	+157%
New Prescriptions (Q2 vs Q1)	+63%
Repeat Writers (Q2 vs Q1)	+73%



#### **Priorities to Drive Growth, Revenues & Improve Gross-To-Net**



Improve Gross-to-Net

Accelerate Direct-to-Patient Strategies Expand Market Access & Distribution



## Accrufer® available at two largest US Medicaid Programs

Total covered lives for Accrufer® now total 123MM

#### **New Medicaid Programs: 23MM Lives**



#### **Commercial Plans and PBM's:**





### **Plans to Drive Systematic Improvement in Gross to Net**

Increased in Prior Authorization (PA) Submissions and expanded Market Access Can Drive GTN

Modify Patient Access Programs

Adjust business rules for HCP to submit PA to payer before patient can access preferred cash price



Will drive increase in PA submissions, approvals, and revenue generating prescriptions to improve GTN

**New Field Access Team** 

New, field based team (non-sales) with exclusive focus to provide support to offices in need of further education related to prior authorizations



Allows sales team to focus on selling, and provide education support to offices



Focus on payers where Accrufer® is not available

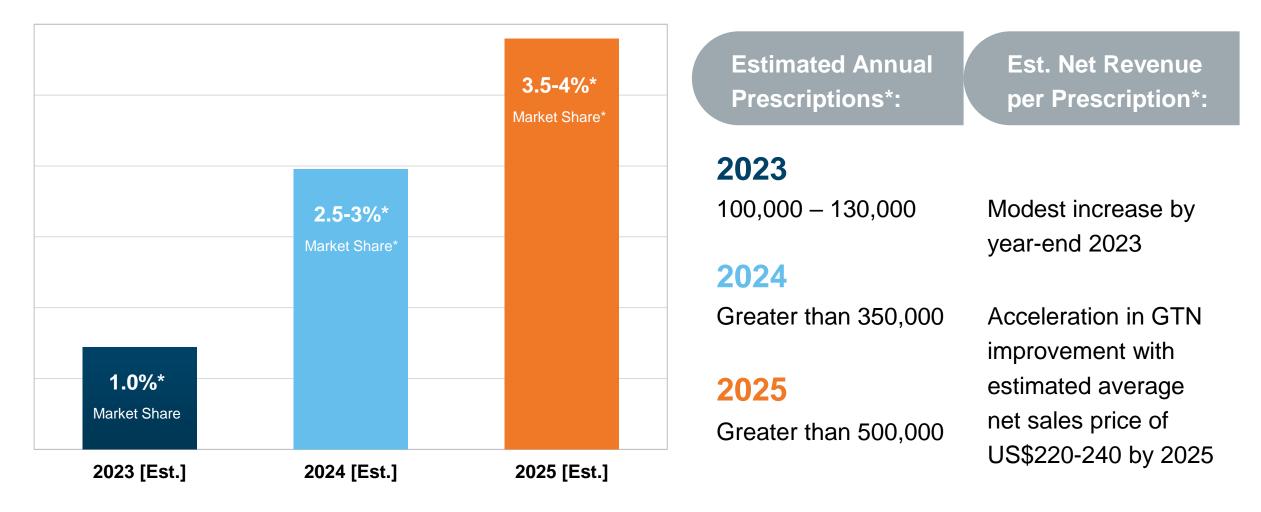


PA Submissions provide important indicator of demand for payers, making market access expansion more accessible over time



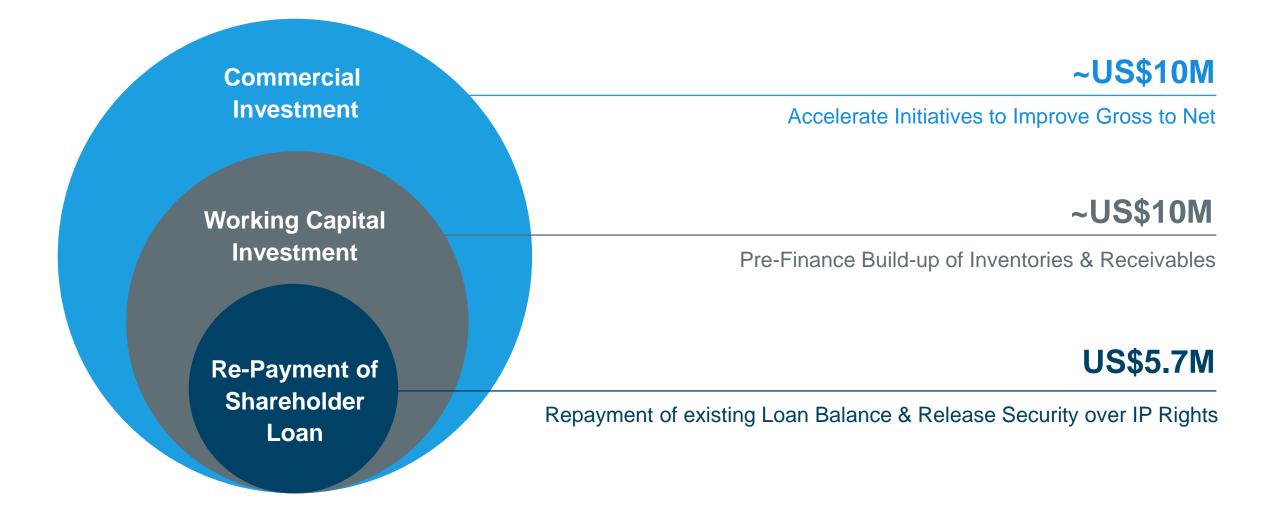
## **Full Commercial Deployment Drives Accrufer® Adoption**

Accrufer® market share targeting growth to 3.5-4%\* by 2025





#### **Uses of Funds – Targeted Investment Areas**





## **Potential for Significant Free Cash Flow**



#### US Net Product Revenue Potential of US\$120M+ by 2025, assuming:

More than 500,000 annual prescriptions in US with 100-person sales team

Average US gross to net (GTN) discount approximately 60%, resulting in average net sales price of US\$220-240 per prescription (i.e., 30-day supply)

Further upside from royalty and milestone revenue

#### Anticipated Gross Profit Margin of +45% by 2025 based on:

Viatris' share of US net product revenue

Manufacturing costs, warehousing and shipping,

Royalty obligation of 5.0% to Vitra Pharmaceuticals (original owner of ferric maltol IP)

#### **Expenses and Debt Service for 2023-2025:**

Annual SG&A expense of c. US\$42M-50M

Debt service of US\$3M1 in 2024 and US\$4M1 in 2025 on new term loan facility



## **Global Partnerships Continue to Progress**

Deals include upfronts, milestones & double-digit royalties



#### **United States**

Co-Commercial Agreement, Dec. 2022

100-person combined sales team in place

Shared marketing cost & net revenues with larger allocation to Shield



## Sales volume increased by 11% (H1:23 v H1:22) Call points re-focused to women's health/GPs

EU+1

Expect continued steady increase in royalties in FY 2023 and beyond<sup>3</sup>



#### Canada

License agreement signed in Jan. 2022 Decision on approval In H2 2023

Double-digit royalties on net sales

#### Republic of Korea

Agreement for single PK (pharmacokinetic) study Final regulatory study underway

> Mid-teens royalties on net sales



#### China +<sup>2</sup>

Continuing enrolment for Phase 3 study Significant impact due to pandemic restrictions Double-digit royalties on net sales

#### Shield will continue to evaluate further partnerships in selected geographies



- 1 Norgine: European Union, UK, Norway, Australia, New Zealand, other non-EU Countries
- 2 ASK Pharma: China, Hong Kong, Macau, Taiwan
- 3 Under assumption of constant currencies

## A Rapidly Growing Business and Team That Can Execute

Vast opportunity in US\$2.3 billion\* oral iron market as only FDA approved oral iron with broad label

**Substantial and Accelerating Growth in Prescriptions** 

Accrufer® payer coverage increases to 123 million lives

Substantial acceleration of KPIs: 1st time writers, new prescriptions, repeat writers

Actionable plans in place to improve gross to net with fundraise

Achieve cash flow positive by YE 2024, revenues expected to exceed US\$120 million by YE 2025

Raising funds to target working capital needs with rapidly growing business and improvement in Gross-to Net



## **Thank You!**

**Greg Madison – Chief Executive Officer** Hans-Peter Rudolf – Chief Financial Officer

