



# Silence Therapeutics

## *H1 2020 Results*

September 14, 2020

# Forward Looking Statements



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# H1 2020 & Recent Highlights



## Advanced proprietary pipeline programmes

- SLN360 IND approved by FDA to start Phase 1 studies
- Started dosing in SLN124 Phase 1 trial

## Secured major new collaborations

- AstraZeneca
- Takeda
- Expanded partnership with Mallinckrodt

## Strong balance sheet

- Projected cash runway extending beyond key data milestones for SLN360 and SLN124

## Strengthened team

- Key appointments across clinical, regulatory and manufacturing
- Appointed Dr Giles Campion to Board

## Increased U.S. presence

- Opened NYC office
- Nasdaq listing

# Appointed Mark Rothera President and CEO



- Over 30 years of broad, global biopharma experience
- Record of strong commercial and operational leadership, including successfully growing multiple biotechnology companies
- Previously, CEO of Orchard Therapeutics, a leading publicly-traded gene therapy company, and Chief Commercial Officer of PTC Therapeutics, a publicly-traded rare disease company
- Based in NYC office





# Advancing Proprietary Pipeline Programmes

# SLN360: wholly owned product candidate for cardiovascular disease with high Lipoprotein(a) or Lp(a)



## The Opportunity

- High Lp(a) levels\* affects ~20% of the world's population
- Apheresis is the only approach that can appreciably reduce Lp(a) levels, but it is invasive and burdensome

## How SLN360 is Designed to Work

- Inducing RNAi-mediated degradation of LPA derived mRNA, which causes strong reduction of the LPA encoded protein Lp(a)

## Potential Advantages

- Potential to offer a well tolerated, robust knockdown of Lp(a) levels with long duration of action

## Phase 1 Program

- FDA approved IND to start dose escalation studies in primary and secondary prevention patients with elevated Lp(a)

\*greater than 50mg/dL

# SLN124: wholly owned product candidate for beta-thalassaemia and myelodysplastic syndrome (MDS)



## The Opportunity

- Potential to reduce transfusion burden due to iron-overload associated ineffective erythropoiesis

## How SLN124 is Designed to Work

- Reducing *TMPRSS6* gene expression to up-regulate hepcidin levels key in mediating iron overload disorders

## Potential Advantages

- Potential to offer long duration of action and once monthly treatments

## Designations

- US rare paediatric disease designation for  $\beta$ -thalassaemia, Orphan Drug Designation for MDS (US) and  $\beta$ -thalassaemia (EU; US)

# SLN124 Phase 1 Program Overview



## Phase 1: Healthy Volunteers

- **Design:** Phase 1 randomised, double-blind, placebo controlled, single-ascending dose study
- **Population:** up to 24 healthy volunteers

## Phase 1b: Thalassaemia and VL/LR-MDS

- **Design:** Phase 1b global, randomised, single-blind, placebo-controlled single-ascending dose and multiple dose study
- **Population:** up to 112 adults with non-transfusion dependent thalassemia and VL/LR-MDS

MDS: myelodysplastic syndrome; VL/LR-MDS: very low- and low-risk MDS



# Corporate Collaborations

# High-Value Collaborations – Expanding Pipeline Opportunities



- Signed major deal to discover, develop and commercialise siRNA therapeutics for cardiovascular, renal, metabolic and respiratory diseases in March 2020
  - Upfront cash payment of \$60 million and an equity investment of \$20 million<sup>1</sup>
  - Up to \$400 million in potential milestones for each target plus tiered royalties



- Commenced technology evaluation to explore the potential of using our platform to generate siRNA molecules against a novel, undisclosed target in January 2020



- Expanded complement pathway RNAi collaboration in July 2020
  - > Mallinckrodt exercised option to license two additional complement targets
  - > Initiated work on second target and triggered \$2M milestone payment

<sup>1</sup> Of the \$60m, \$20m was paid in May 2020 and a further \$40m is unconditionally payable in H1 2021.

# H1 2020 Financial Highlights



Income statement (GBP '000)	H1 2020	H1 2019
Revenue	1,146	0
Research and development costs	(10,179)	(5,054)
Administrative expenses	(5,160)	(4,654)
Operating loss	(14,193)	(9,708)
Other income/expense	864	110
Tax	2,300	1,388
Loss for the period after taxation	(11,029)	(8,210)
Cash at year end	50,343*	33,515

- Loss after tax of £11.0 million (H1 2019: £8.2 million) with an increase in operating costs compared to H1 2019 driven by increasing R&D spend with both SLN360 and SLN124 being prepared for clinical testing this year
- Cash and cash equivalents and term deposits of £50.3 million at 6/30/20 (Year-end 2019 £33.5 million), the increase driven by the collaboration with AstraZeneca
- Net cash inflow from operating activities £0.8 million (H1 2019: £10.3 million outflow), again driven by the collaboration with AstraZeneca
- Entering H2 2020 in a strong financial position to maximise future growth
- \*. Pro-forma cash balance is \$102m (£50.3m converted at 1.23 (USD:GBP at 30 June) plus \$40m due from AZ in H1 2021)

# Q & A