



Noxopharm Limited (ASX:NOX)

SWITZER SMALL & MICRO CAP VIRTUAL INVESTOR DAY
March 2021

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CEO and Managing Director

Discover



Develop



Deliver



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Noxopharm is building a pipeline of drugs based on a unique and proprietary technology platform for the treatment of cancer and septic shock



Of est. 55 million deaths globally from disease:

- ~ **10 million are from cancer***
- ~ **10 million are from septic shock***

- 
- Tissue injury from:
- Viral/bacterial infections
 - Trauma
 - Major surgery

* World Health Organization (2020)

Link between cancer and septic shock

Both involve abnormal immune and inflammatory responses

Cancer:

- Manipulates the immune system to avoid immune attack
- Increases inflammation to enable growth and spread

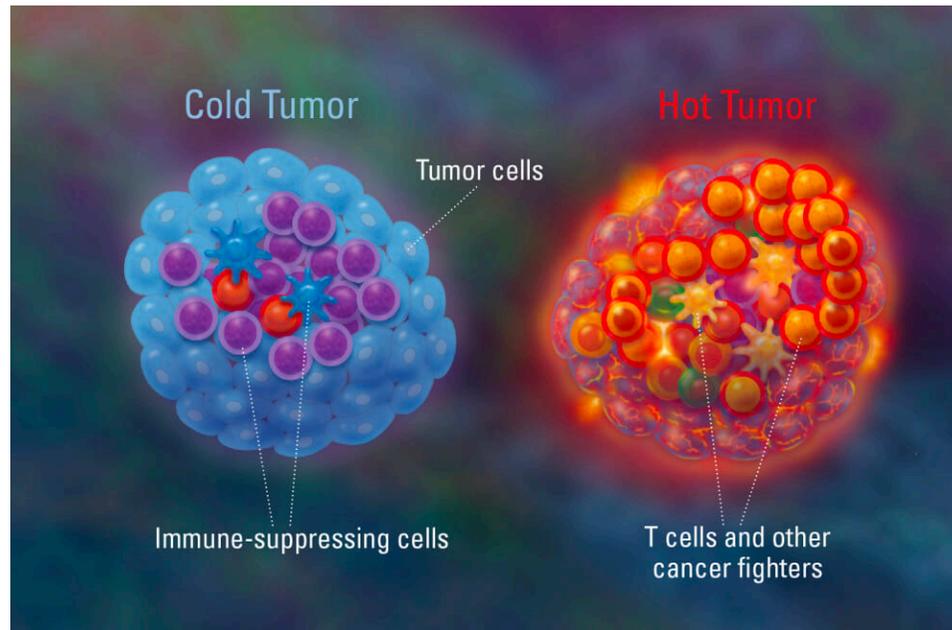
Septic shock:

- Acutely excessive inflammation in response to tissue injury

Common underlying mechanism is altering balance between **ceramide** and **sphingosine-1-phosphate**

Veyonda[®] First and only known selective inhibitor of sphingosine kinase 1 to enter the clinic

Veyonda[®] breakthrough COLD to HOT effect



Majority of human tumours are COLD (lacking immune cells)
Converting **COLD** tumors to **HOT** means that standard anti-cancer treatments should work better

Veyonda being developed as a combination drug to boost effectiveness of common cancer treatments

Immune cells driven from tumour

Veyonda restores immune function to tumour

Source: Dana-Faber Cancer Institute

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Two clinical studies confirm anti-cancer boost. 3rd key study now underway



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DARRT program

- Veyonda + (low-dose) external beam radiotherapy (EBRT)
- Phase I study / 25 men / end-stage prostate cancer
- **Combination delivers major boost to anti-cancer effect of EBRT¹**

LuPIN program

- Veyonda + ¹⁷⁷Lu-PSMA-617 (Novartis)
- Phase I/II study / 56 men / end-stage prostate cancer
- **Combination delivers major boost to reports of anti-cancer effect of Novartis drug alone²**

IONIC program

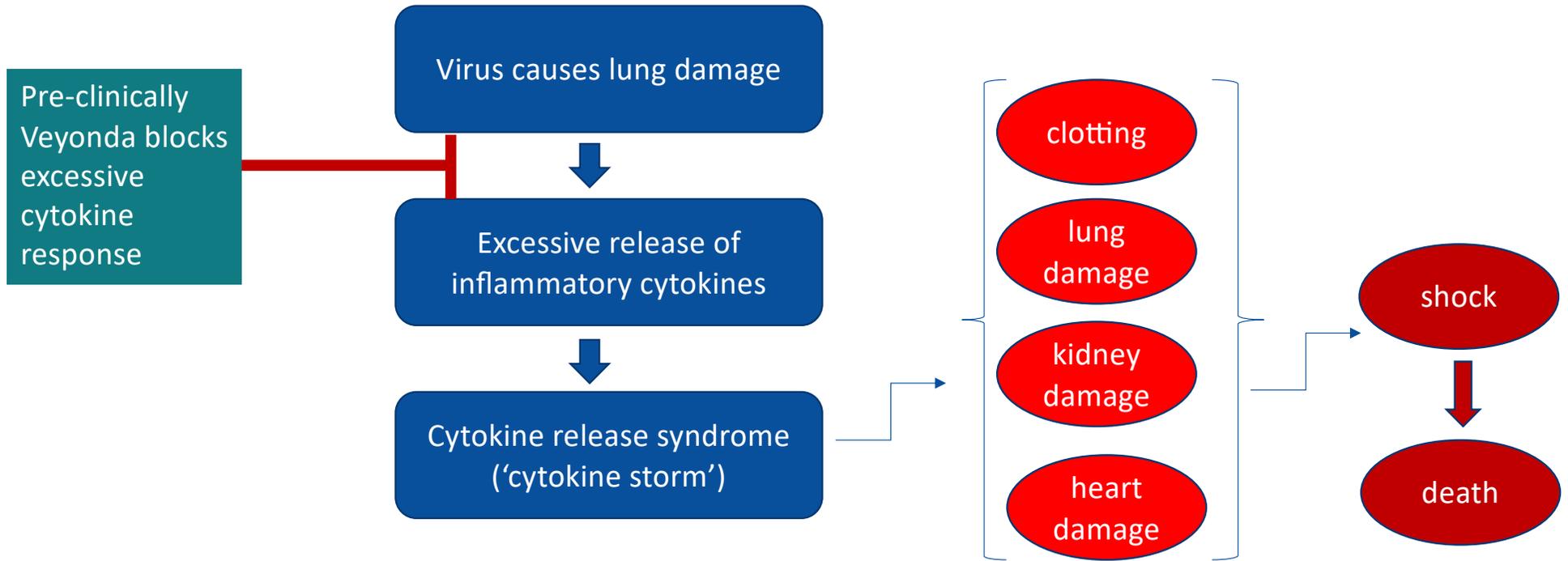
- Veyonda + Opdivo[®] (Bristol Myers Squibb)
- Phase I/II study / 30 patients / all forms of solid cancer
- Study started³

1. ASCO ASM June 2020; 2. ASCO Genitourinary Cancer Conference Feb 2021; 3. ASX announcement 19 March 2021

Breakthrough potential treatment of cytokine release syndrome

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NOXCOVID program

- 40 patients with moderate COVID-19 disease
- Requiring hospitalization and low-volume oxygen supplementation
- Dose-escalation arm (400-1800 mg) complete
- Dose-expansion arm (1800 mg) ongoing

Objective: to demonstrate that Veyonda

- Reduces the cytokine release syndrome (CRS)
- Reduces disease progression requiring ICU care and mechanical ventilation
- Reduces incidence of CRS-related disability and death
- Has the potential to be a cost-effective treatment for septic shock generally

SUMMARY



Both DARRT and LuPIN have provided clear evidence of proof-of-concept

IONIC trial

The objective of this trial is to use Veyonda to overcome resistance of most cancers to anti-cancer drug Opdivo® (Bristol Myers Squibb) currently with annual sales of USD8 billion

Veyonda is well tolerated as a combination treatment

Robust IP strategy based on PCT patents around use claims

Our commercial end-point for Veyonda



Noxopharm prepared to take Veyonda all the way to market. However, opportunity as a general booster of most forms of cancer therapy seen as being so large that a partnership potentially is more likely



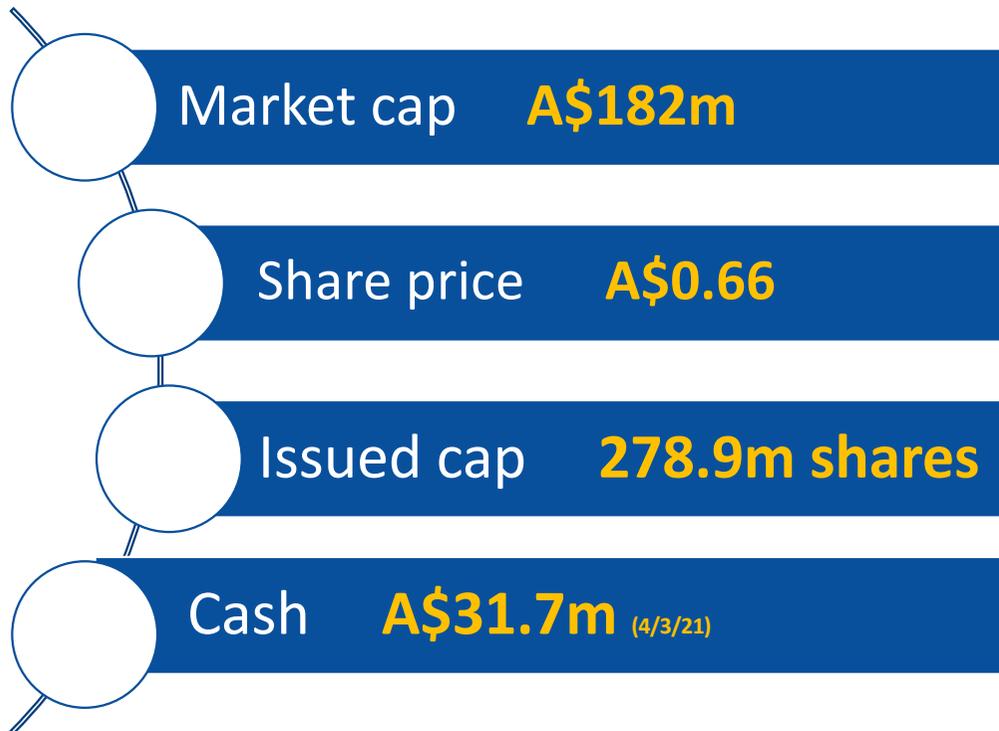
Currently working with Novartis (USD 200 B) and Bristol Myers Squibb (USD 140 B) drugs in combination therapy



Commercial transaction seen as potentially likely during current Phase 2 trialling

Key metrics

as at 25 March 2021



News Flow (next 6 months)

- IONIC-1 and DARRT-2 start patient recruitment
- COVID-19 clinical trial completion
- Growing first-in-class drug pipeline
- Pharmorage (subsidiary) progressing novel drug development for sepsis and autoimmunity



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