



Noxopharm Limited (ASX:NOX)

UPDATED CORPORATE PRESENTATION

February/March 2021

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Discover



Develop



Deliver



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Latest News



LuPIN TRIAL. Major cancer conference hears NOX + Novartis drug combination delivers major survival benefit of median **19.7 months** in Stage 4 prostate cancer

IONIC TRIAL. IONIC study submitted for ethics approval. Trial expected to commence following patient screen



DARRT-2 TRIAL. Study expanded into wide range of cancers. Hospital selection for multinational study being finalised with Part 1 of the study due to commence Q3 2021



BUSINESS DEVELOPMENT. BD team assembled to advise on anticipated commercial and transactional strategies

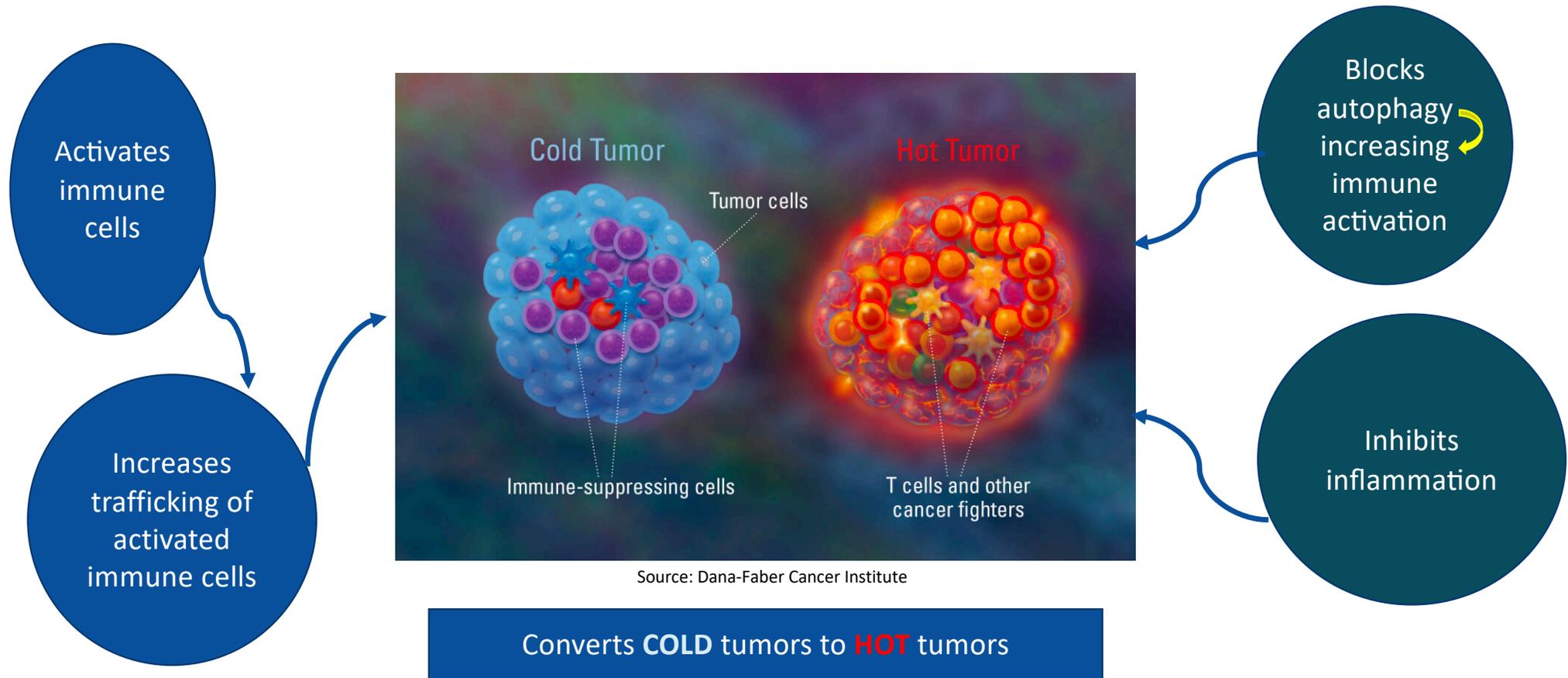
NOXCOVID TRIAL. First 4 (of 5) dosage cohorts successfully completed. Veyonda found to be well-tolerated



ABSCOPAL RESPONSE BREAKTHROUGH. Large US university confirms abscopal response dependent on a drug action that Veyonda possesses

Veyonda[®]

breakthrough multiple-acting immunotherapy drug



Source: Dana-Faber Cancer Institute

Veyonda[®]

Clinical program



LuPIN-1

Phase I/II trial

Veyonda + ¹⁷⁷Lu-PSMA (**Novartis**)

IONIC-1

Phase I/II trial

Veyonda + Opdivo[®] (**Bristol Myers Squibb**)

DARRT-2

Phase II trial

Veyonda + external radiotherapy

NOXCOVID-1

Phase Ib trial

Veyonda

Short- to medium-term potential partnering opportunities



The focus of this presentation

LuPIN-1

Phase I/II trial

Veyonda + ^{177}Lu -PSMA (**Novartis**)

IONIC-1

Phase I/II trial

Veyonda + Opdivo[®] (**Bristol Myers Squibb**)

DARRT-2

Phase II trial

Veyonda + external radiotherapy

NOXCOVID-1

Phase Ib trial

Veyonda

LuPIN



Veyonda[®] + ¹⁷⁷Lutetium-PSMA-617



An exciting new treatment for prostate cancer

LuPIN (Veyonda + Lu-PSMA-617)



¹⁷⁷lutetium-PSMA-617. Acquired by Novartis (4th largest pharma company/**US\$195 billion market cap**) in 2018 for **US\$6 billion**

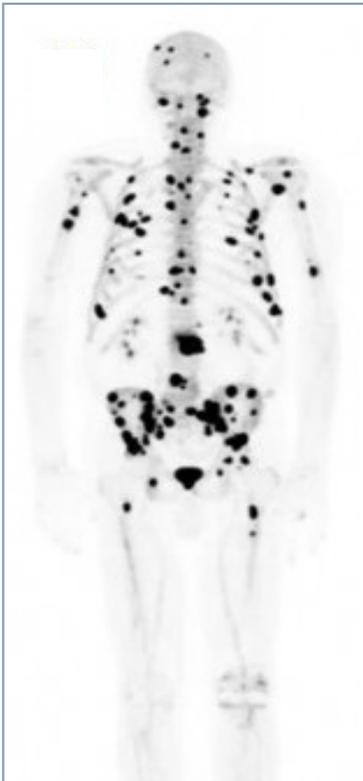
Lu-PSMA-617 is a radioactive drug injected IV and designed to deliver radiation to every prostate cancer cell throughout the body

A proposed new treatment for prostate cancer once the cancer has spread widely (metastatic disease)

But

Not curative

Variable response rates. ~1/3rd men have little or no response



LuPIN Study



QUESTION: would adding Veyonda boost the effectiveness of the Novartis drug, with more men responding as well as achieving significantly longer survival times?

Phase I/II study. St Vincent's Hospital Sydney. Prof Louise Emmett

56 men. Late-stage cancer. No remaining standard treatments. Anticipated median survival approximately 4.5 months

6 cycles. 6 weeks apart. ^{177}Lu -PSMA-617 (1 day) + Veyonda (14 days)

LuPIN: Interim Data Reporting



American Society of Clinical Oncology Genitourinary Cancers Symposium Feb 11-13 2021

ANSWER: Yes, the combination of Veyonda and Lu-PSMA-617 looks to be considerably more effective than Lu-PSMA-617 on its own (*based on published Phase 2 data*¹)

56 men

400 + 800 mg + 1200 mg Veyonda

Median Overall Survival:

19.7 months

a remarkable result for this late stage of the disease

Combination was well tolerated

Noxopharm believes this to be a potential major breakthrough in the treatment of Stage 4 prostate cancer

1. https://ascopubs.org/doi/abs/10.1200/JCO.2019.37.7_suppl.228

LuPIN: Interim Survival Data



Median overall survival = time when half the patients have died and half still alive

Three standard lines of drug therapy once prostate cancer becomes metastatic



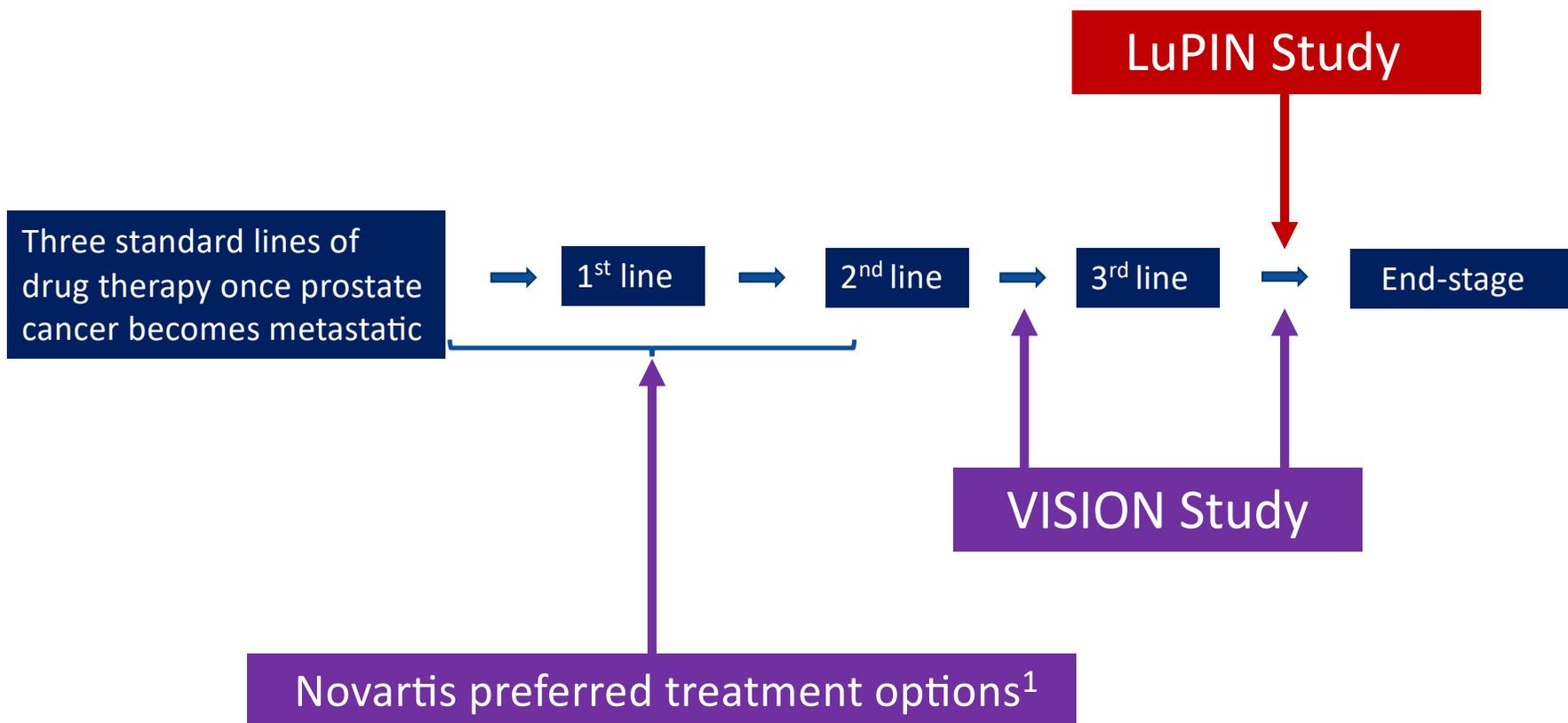
Historical data¹ → ~ 4.5 months

¹⁷⁷Lu-PSMA-617 alone² → 13.3 months

¹⁷⁷Lu-PSMA-617 + Veyonda (56 patients)³ → 19.7 months

1. Buonerba C, et al. (2014) Future Oncol 10:1353–60. 2. Hofman M, et al. (2018) Lancet Oncol 19, 825. 3. Noxopharm ASX announcement 15 Feb 2021

Potential opportunities for LuPIN



1. Novartis Oncology Pipeline Update June 2020

IONIC



Veyonda[®] + nivolumab (Opdivo[®])



Overcoming resistance to checkpoint inhibitors

IONIC Study

Phase I/II pilot proof-of-concept study



15 patients treated with Opdivo where tumours not responsive

- Melanoma
- Lung
- Kidney
- Bladder
- Head & neck

10-30% response rate

15 patients with cancers considered resistant to Opdivo

All other cancer types

Typically 0-3% response rate

Veyonda + Opdivo

Opdivo sales (2019) US\$8 billion

Increasing response rate to checkpoint inhibitors projected to increase sales >US\$50 billion

OTHER UPDATES



DARRT-2 trial

Selection of clinical sites almost completed.

LuPIN trial

Study ends Oct 2021. Final Report expected Q1 2022

NOXCOVID trial

Part 2 to start 1st March 2021.

Drug pipeline

First-in-class drug with novel approach to treatment of brain cancer progressing well

Our commercial end-point for Veyonda



A number of important blockbuster (>US\$1 B annual sales) drugs are losing their exclusivity over coming years. This is putting pressure on big pharma to refresh revenue streams through M&A activity



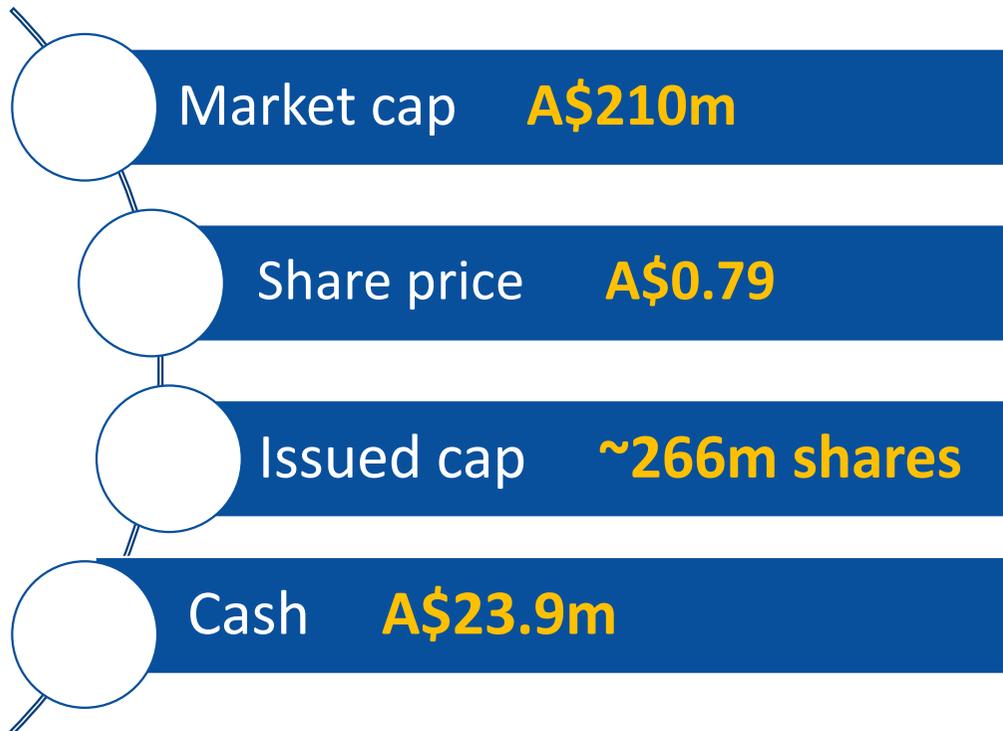
Programs focusing on immuno-oncology and cell therapy remain the most attractive targets for partnering



In 2020, 52 deals >US\$1 billion were transacted, 31 of these were for immuno-oncology and cell therapy assets and platforms

Key metrics

as at 19 February 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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