**ASX Announcement | 23 February 2021**
**Noxopharm Limited (ASX:NOX)**

# Noxopharm Updated Corporate Presentation February-March 2021

**23 February 2021 Sydney, Australia: Australian clinical stage drug development company, Noxopharm Limited (ASX:NOX)**, provides to shareholders and the market generally the attached corporate presentation ahead of a series of global virtual investor presentations during late February/March 2021.

The document titled, "**Updated Corporate Presentation February- March 2021**", provides an updated overview of the Company's clinical programs with a focus on the important LuPIN trial data recently announced at the recent 2021 ASCO Genitourinary Cancers Symposium and the imminent start of the IONIC study, testing the ability of Veyonda® to overcome resistance to the immune checkpoint inhibitor, nivolumab (Bristol Myers Squibb).

The presentation will also be found at: Investors | Noxopharm

**-ENDS-**

*Graham Kelly, CEO and Managing Director of Noxopharm, has approved the release of this document to the market on behalf of the Board of Directors.*

**About Noxopharm**
Noxopharm Limited (ASX:NOX) is an Australian clinical-stage drug development company focused on the treatment of cancer and cytokine release syndrome/septic shock.

Veyonda® is the Company's first pipe-line drug candidate currently in Phase 2 clinical trialing. Veyonda® has two main drug actions – indirect inhibition of sphingosine kinase and STING signaling. The former function contributes to its dual-acting oncotoxic and immuno-oncology functions designed to enhance the effectiveness and safety of standard oncology treatments, i.e., chemotherapies, radiotherapy and immune checkpoint inhibitors. The latter function provides an anti-inflammatory effect, also contributing to an anti-cancer action, but also blocking the cytokine release syndrome.

Noxopharm also is the major shareholder of US biotechnology company, Nyrada Inc (ASX:NYR).

To learn more, please visit: noxopharm.com

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**Forward Looking Statements**

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NOXOPHARM
Noxopharm Limited (ASX:NOX)
UPDATED CORPORATE PRESENTATION
February/March 2021
Discover
Develop
Deliver
Dr Graham Kelly
CEO and Managing Director

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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


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

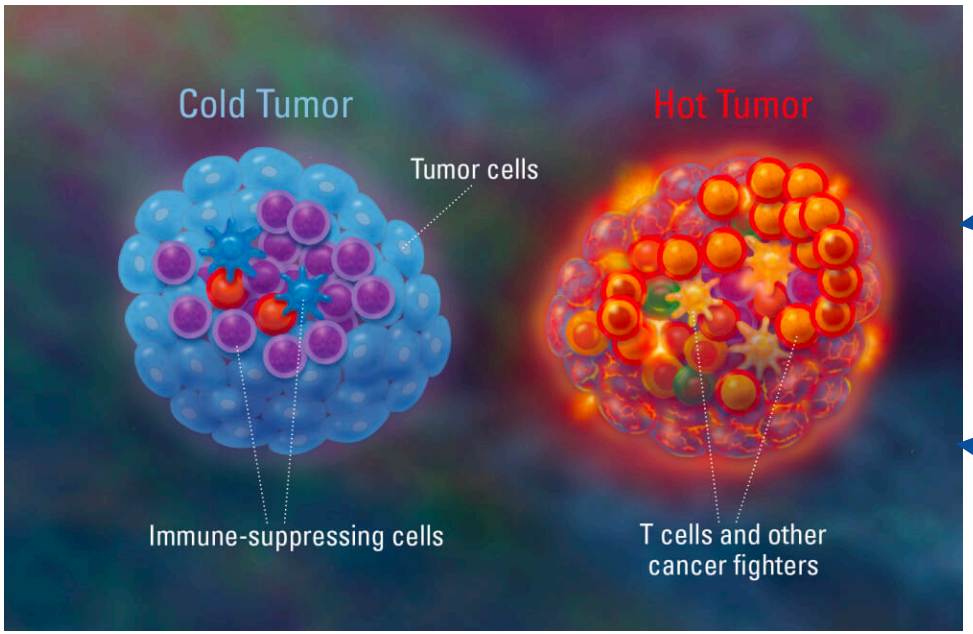

**ABSCOPAL RESPONSE BREAKTHROUGH**. Large US university confirms abscopal response dependent on a drug action that Veyonda possesses

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

# *Veyonda®* breakthrough multiple-acting immunotherapy drug

Activates immune cells

Increases trafficking of activated immune cells




Source: Dana-Faber Cancer Institute

Blocks autophagy increasing immune activation

Inhibits inflammation

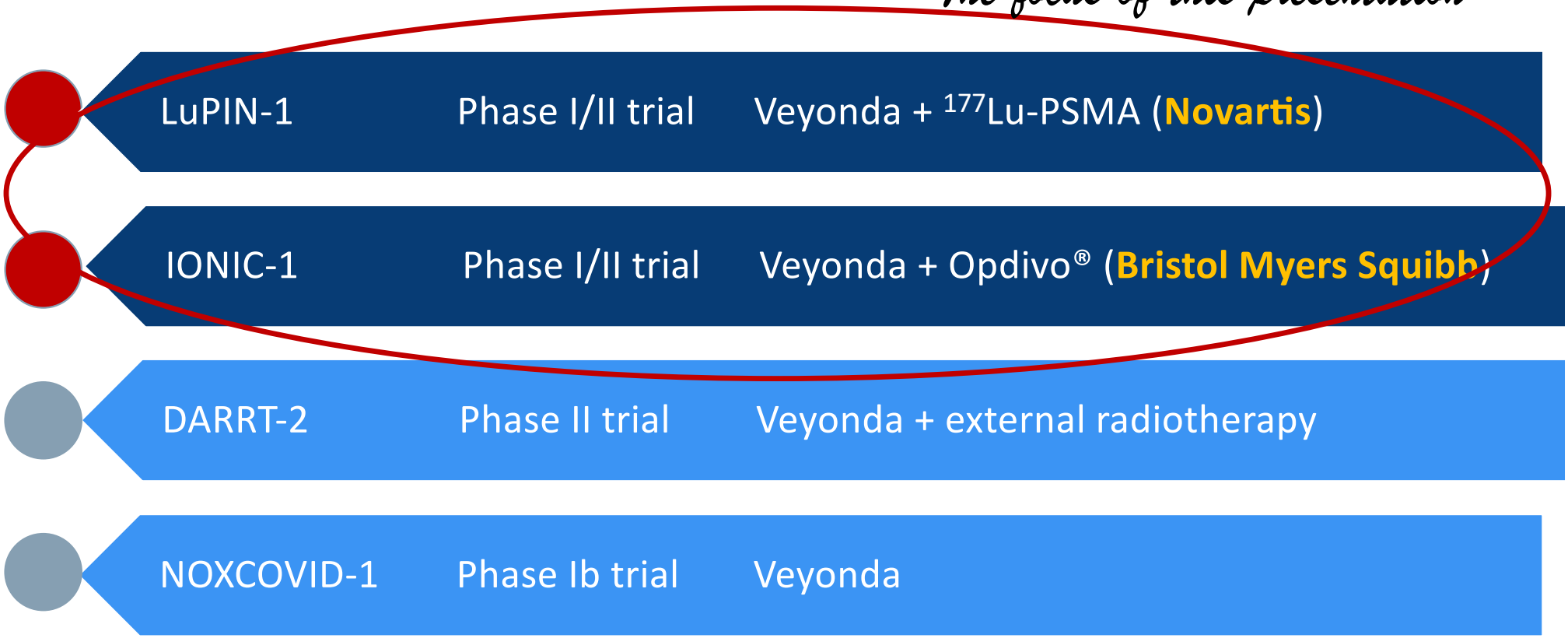
Converts **COLD** tumors to **HOT** tumors

# *Veyonda®* Clinical program

| | | |
|---|---|---|
| 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 |

# Short- to medium-term potential partnering opportunities

*The focus of this presentation*

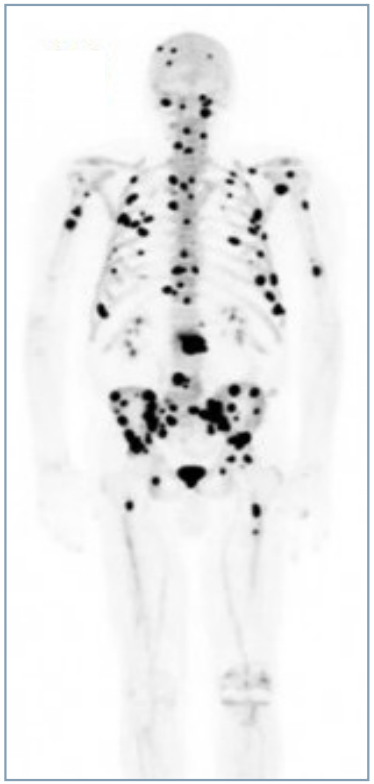


# LuPIN

Veyonda® + $^{177}$lutetium-PSMA-617

## An exciting new treatment for prostate cancer

# LuPIN (Veyonda + Lu-PSMA-617



$^{177}$lutetium-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 r**adioactive drug injected IV and designed to deliver radiation to every prostate cancer cell throughout the body

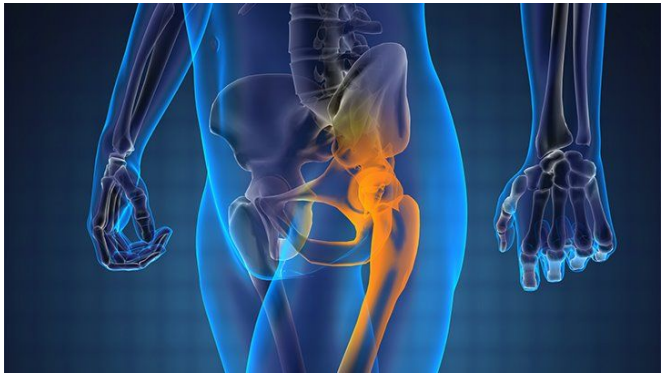
**A proposed new treatment** for prostate cancer once the cancer has spread widely (metastatic disease)

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 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**

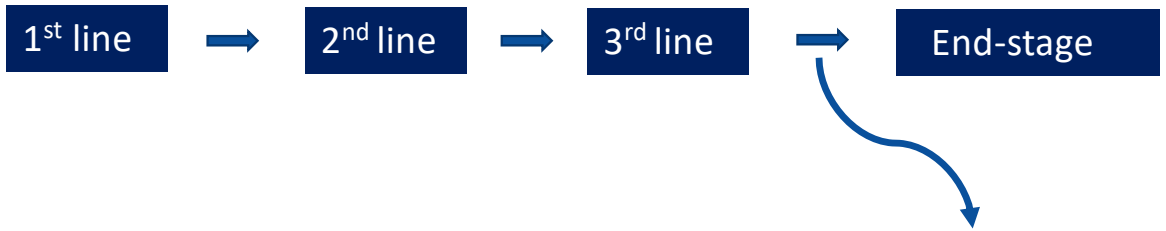
**Noxopharm believes this to be a potential major breakthrough in the treatment of Stage 4 prostate cancer**

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



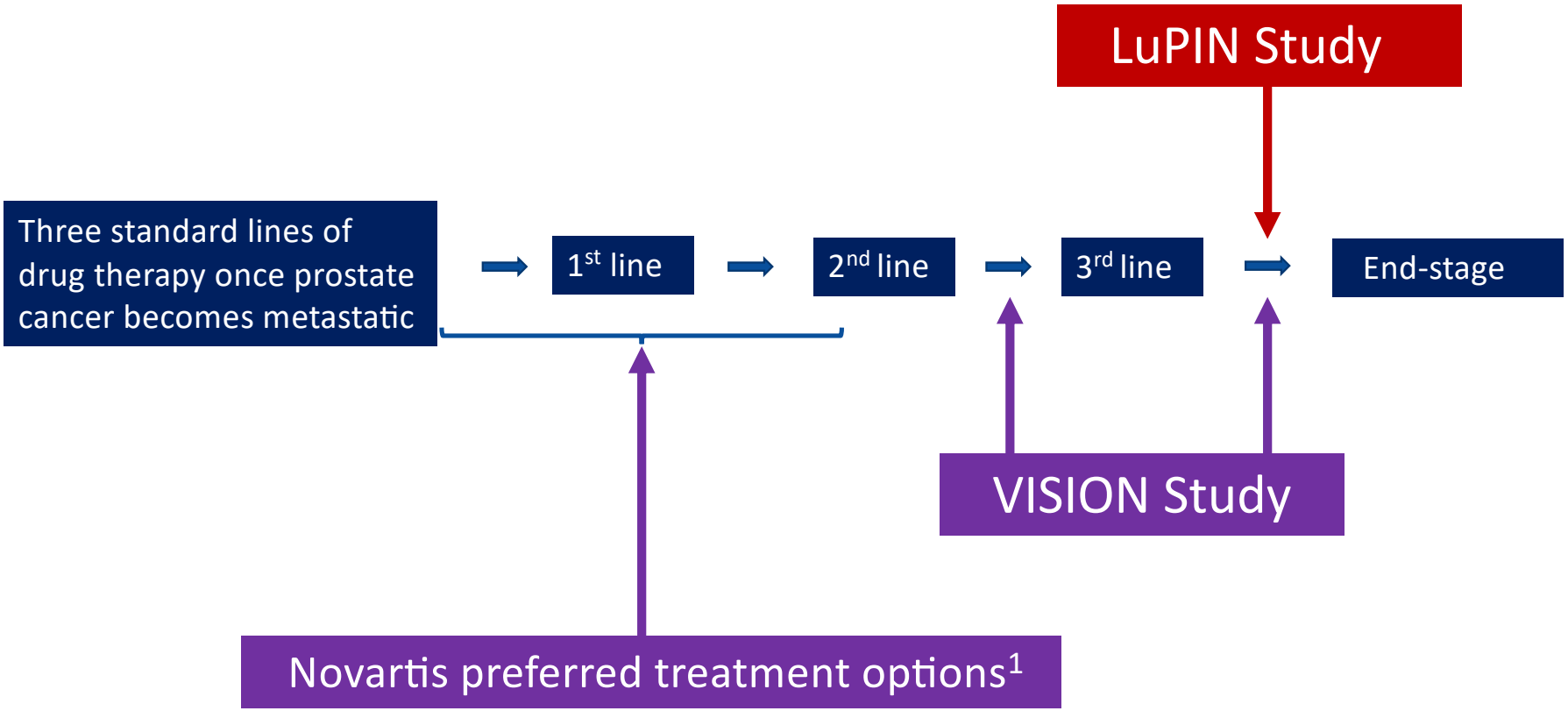

Historical data[1] → ~ 4.5 months

$^{177}$Lu-PSMA-617 alone[2] → 13.3 months

$^{177}$Lu-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

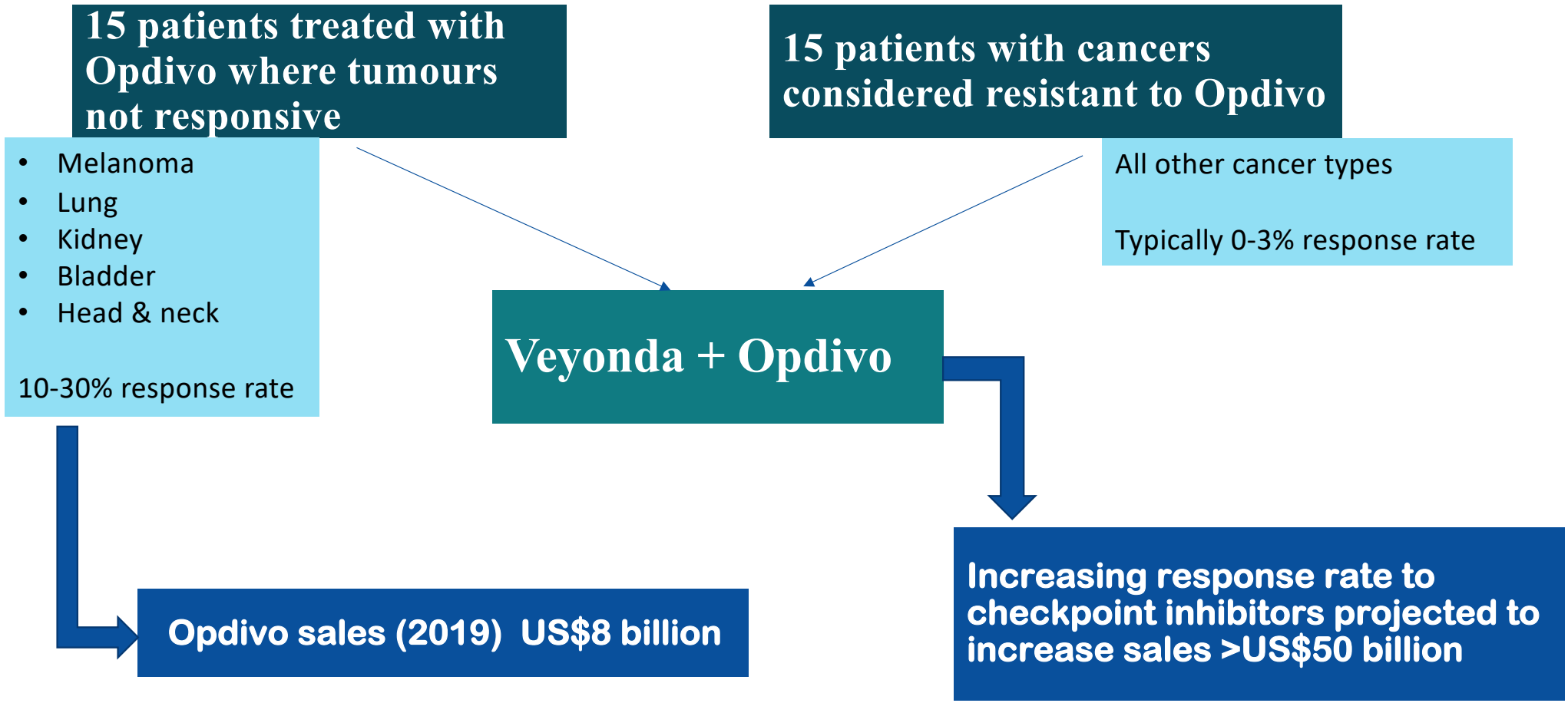
# IONIC

Veyonda ® + nivolumab (Opdivo®)

## Overcoming resistance to checkpoint inhibitors

# IONIC Study

Phase I/II pilot proof-of-concept study



## 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

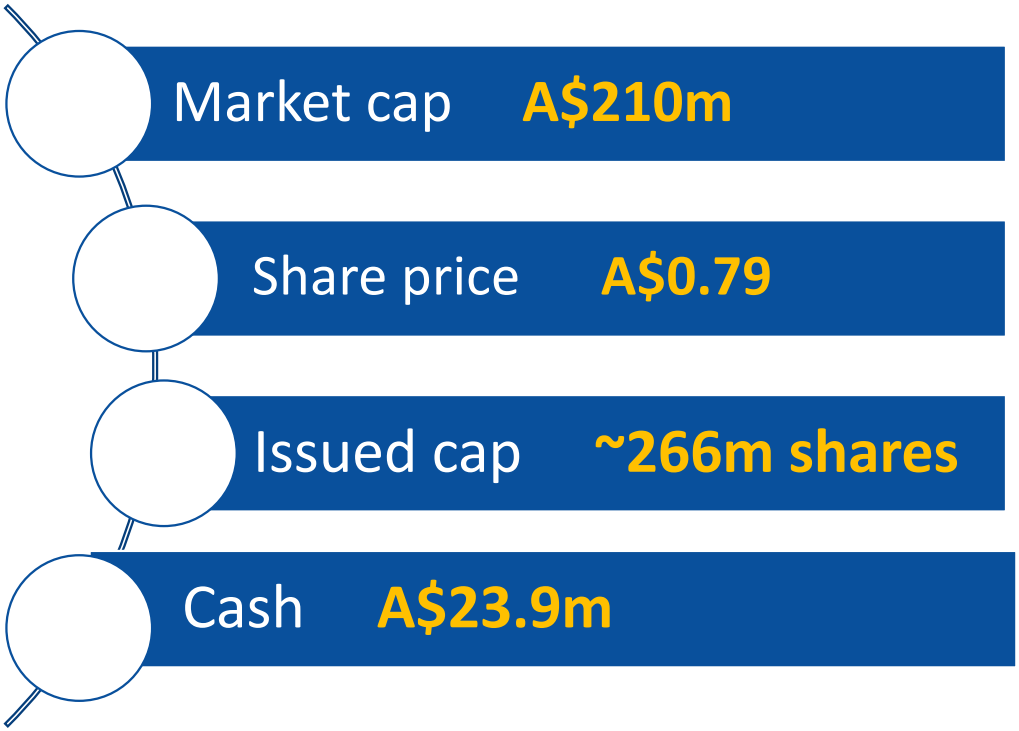
A number of important blockbuster (>US$1 B annual sales) drugs are losing their exclusivity over coming years. This is putting pressure on big pharma to refresh revenue streams through M&A activity


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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