

# INVESTOR PRESENTATION

1 FEBRUARY 2022



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### **COMPANY OVERVIEW**

#### **INOVIQ Ltd**

- Biotechnology company focused on diagnostic and exosome-based solutions
- Proprietary biomarker isolation and detection technologies
- Multi-product pipeline for detection of breast, ovarian & other cancers targeting US\$11b global markets
- Compelling POC results for SubB2M tests for breast & ovarian cancers<sup>1</sup>
- Strong cash position of \$18.6m to fund operations and pipeline development
- Products in-market for bladder cancer<sup>2</sup> & exosome research

#### Financ

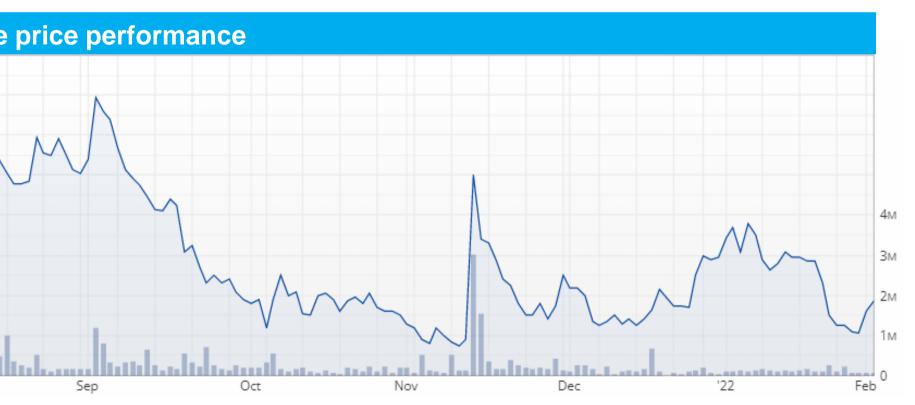
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Board a	nd management			\$1.70	Share
3	Dr Geoff Cumming Chairman		Dr Greg Rice Chief Scientific Officer	\$1.60 \$1.50	٨
	Max Johnston Non-Exec Director	B	Tony Di Pietro CFO / Company Secretary	\$1.40	$\sim$
	Philip Powell Non-Exec Director		Susan Belzer Development Director	\$1.20	
NOS.	Prof Allan Cripps Non-Exec Director	9	Dr Wayne Jensen R&D Director	\$1.10 \$1.00	հոհե
	Dr Leearne Hinch Chief Executive Officer		Dr Emily Stein Technology Director (NETs)	\$0.90	

Dx = Diagnostics; POC = Proof of Concept;; LDT = Laboratory Developed Test;

1 SubB2M proof-of-concept data using SPR; 2 Adjunct to urine cytology to assist the detection of bladder cancer

cial information (ASX:IIQ)	
ary shares	92,018,702
price (2/2/22)	A\$1.085
et capitalisation	A\$99.8m
position (31/12/21)	A\$18.6m
onthly cash burn (Q2 FY22)	A\$611.7k
0 Shareholders (28/1/21)	36.5%





# **KEY ACHIEVEMENTS | DEC-21 QUARTER**

#### Commercial

- Positive EXO-NET RUO product evaluations concluded with key Australian research groups and further collaboration expected
- hTERT revenues flat at \$221k Dec-21 YTD (c.f. \$229k Dec-20 YTD), due to ongoing COVID-19 pandemic
- Two patents granted for BARD1 technology in the US and China protecting a potential BARD1 autoantibody test for lung cancer diagnosis

#### **Research &** Development

- SubB2M immunoassay program progressed with development of proprietary CA15.3 and CA125 antibodies and data package for transfer to CRO for commercial assay development of breast and ovarian cancer tests
- SubB2M IHC research advanced to evaluate Neu5Gc in tissue microarrays
- EXO-NET RUO program focused on development of new research tools to isolate exosome subsets for use in targeted diseases
- New multiomic exosome-liquid **biopsy** project commenced to evaluate exosome-based Dx for earlier detection of breast and ovarian cancers (combines EXO-NET exosome capture, BARD1 RNA & other biomarkers)

#### Corporate

- pipeline
- defended

 Company renamed INOVIQ (ASX:IIQ) to reflect 'intelligent

innovation' of future diagnostic and exosome-based product

• Legal proceedings by Walker & Irminger against the Company continue to be

#### **Financial**

- Cash balance of \$18.6m as of 31 Dec 21 is to fund operations and pipeline development
- 10 quarters of cash at current monthly cash burn of \$611.7k



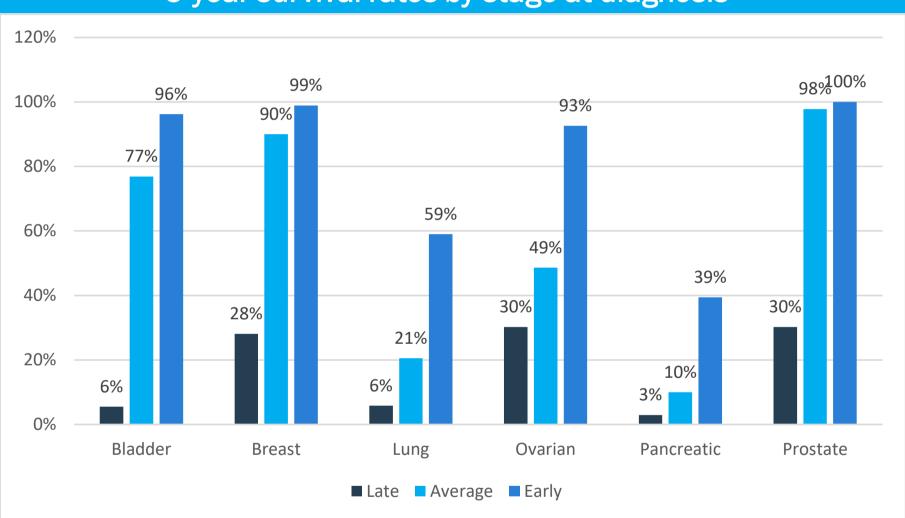
## UNMET NEED FOR EARLIER CANCER DETECTION

#### Problem

- Cancers often diagnosed at late-stage after symptoms have appeared resulting in poor prognosis
- Detection of early-stage cancers often limited by high false-positives &/or poor sensitivity
- Current tests can have safety, cost, and convenience issues reducing test participation rates

#### **Unmet need**

- Unmet need for non-invasive, accurate and reliable diagnostic tests for earlier cancer detection
- Earlier detection improves treatment options, patient outcomes & survival<sup>1</sup>



#### 5-year survival rates by stage at diagnosis<sup>1</sup>

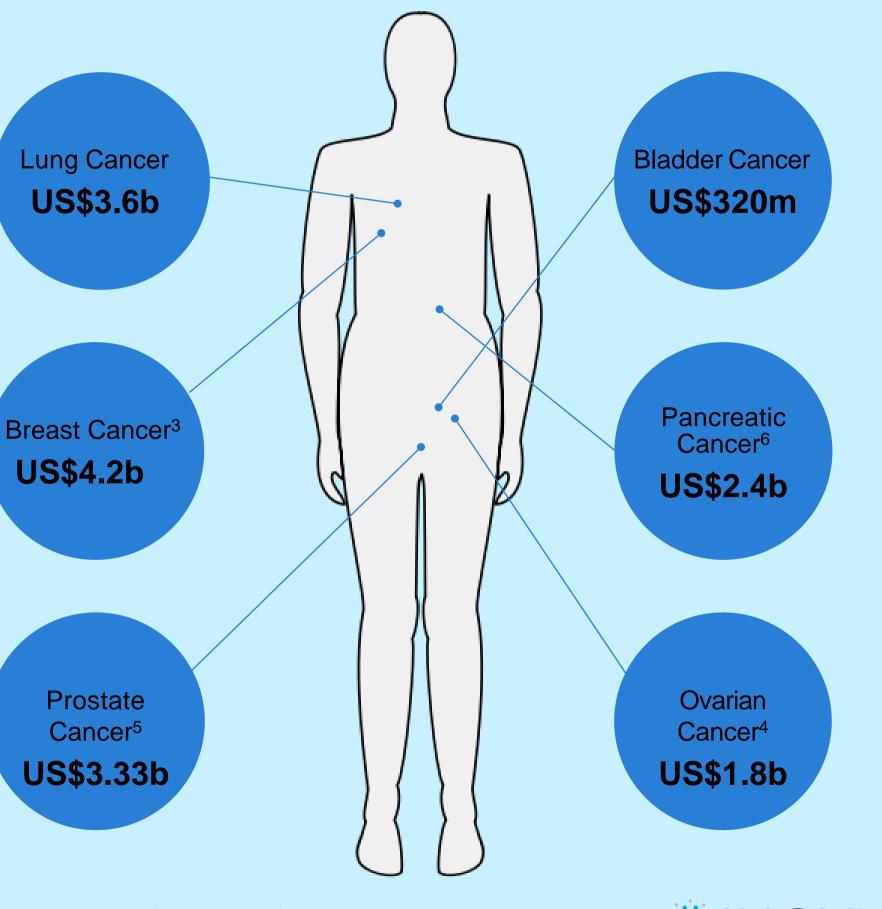


### **GLOBAL CANCER DIAGNOSTICS MARKET**

- Global cancer burden: 50.6m survivors, 19.3m new cases and 10.0m deaths p.a.<sup>1</sup>
- Global cancer diagnostics market valued at US\$250b<sup>2</sup>
- INOVIQ is targeting markets worth over US\$11b for some of the world's most common and deadliest cancers

# Cancer1 Breast3 Prostate		Prevalence	Incidence	Deaths
		7,790,717	2,261,419	684,996
		4,956,901	1,414,259	375,304
17	Ovarian	823,315	313,959	207,252
22	Pancreatic	379,958	495,773	466,003

1 GLOBOCAN (IARC) 2020; 2 Grand View Research 2019. https://www.grandviewresearch.com/press-release/global-cancer-diagnostics-market; 3 I cancer-diagnostics-market; 4 https://www.grandviewresearch.com/industry-analysis/ovarian-cancer-diagnostics-market; 5 https://www.grandviewresearch.com/industry-analysis/ovarian-cancer-diagnostics-market; 6 https://www.grandviewresearch.com/industry-analysis/ovarian-cancer-diagnostics-market; 7 https://www.grandviewresearch.com/industry-analysis/ovarian-cancer-diagnostics-market; 7 https://www.grandviewresearch.com/indust market; 6 https://www.wboc.com/story/43615802/pancreatic-cancer-diagnostic-market-size-2021-with-a-cagr-of-69-top-companies-data-report-covers-market-specific-challenges-brief-analysis-and



# BREAST CANCER | US SCREENING MARKET POTENTIAL

- World's most common cancer: 2.3m new cases & 685k deaths pa<sup>1</sup>
- US: 3.7m survivors, 234k new cases & 43k deaths pa<sup>1,2</sup>
- Life-time risk of 12.9%, increases to 55-70% with BRCA1 & 45-69% with BRCA2 mutations<sup>2</sup>
- Screening using mammography recommended for average-risk women and those with a family history or genetic mutations<sup>3</sup>
- Issues with high false positives, safety and self-exclusion due to discomfort, inconvenience and cost
- CA15.3 test approved for monitoring BC: sensitivity <50-75% and specificity 85%
- Unmet need for an accurate & reliable blood test for earlier detection of Breast Cancer
- Early detection may improve QOL, treatment options & survival (from 29% at late-stage to 99%)<sup>2</sup>

Market		US Breast Cancer Market pa (USD)				
Р	enetration	10%	20%	30%		
e live	\$125	\$0.4 bn	\$0.8 bn	\$1.3 bn		
Indicative Price	\$250	\$0.8 bn	\$1.7 bn	\$2.5 bn		
Inc	\$500	\$1.7 bn	\$3.3 bn	\$5.0 bn		

QOL = Quality of Life; 1 Cancer Today 2020 data; 2 SEER 18 2011-2017 https://seer.cancer.gov/statfacts/html/breast.html 3 US Census. International Data Base (IDB). 2021. sus.gov/data-tools/demo/idb/#/country?YR ANIM=2021&FIPS SINGLE=US&dashPages=BYAGE&ageGroup=5Y 4 ACS 2021 https://www.cancer.org/cancer/breast-cancer/screeningtests-and-early-detection/american-cancer-society-recommendations-for-the-early-detection-of-breast-cancer.html 5 This is not a sales forecast.

- Key Assumptions (US market):
- Target population: 60.5m women aged 45 - 74 years $^{3,4}$
- Screening frequency: biennial<sup>4</sup>
- Price: indicative pricing only<sup>5</sup>



# **OVARIAN CANCER | US SCREENING MARKET POTENTIAL**

- World's deadliest gynaecological cancer: 314k new cases & 207k deaths pa<sup>1</sup>
- US: 235k survivors, 24k new cases & 14k deaths pa<sup>1,2</sup>
- Life-time risk of 1.2%, increases to 35-70% with BRCA1 mutation <sup>2,4</sup>
- Average 5-year survival 49% due to late-stage detection after symptoms have appeared (57%)<sup>2</sup>
- Screening not recommended in average-risk women, whereas CA125 test + TVUS may be offered to high-risk women<sup>4</sup>
- CA125 test approved for monitoring OC: sensitivity 50-75% and specificity 80%
- Unmet need for an accurate & reliable blood test for earlier detection of OC
- Early detection may improve QOL, treatment options & survival (from 30% at late-stage to 93%)<sup>2</sup>

Market		US Ovarian Cancer Market pa (USD)				
Р	enetration	10%	20%	30%		
e live	\$125	\$0.6 bn	\$1.3 bn	\$1.9 bn		
Indicative Price	\$250	\$1.3 bn	\$2.5 bn	\$3.8 bn		
Inc	\$500	\$2.5 bn	\$5.1 bn	\$7.6 bn		

QOL = Quality of Life; TVUS = Transvaginal Ultrasound; OC = Ovarian cancer; 1 Cancer Today 2020 data; 2 SEER 18 2011-2017 https://seer.cancer.gov/statfacts/html/ovary.html; 3 US Census. International Data Base (IDB). 2021. https://www.census.gov/data-tools/demo/idb/#/country?YR\_ANIM=2021&FIPS\_SINGLE=US&dashPages=BYAGE&ageGroup=5Y; 4 ACS 2021 <u>https://www.cancer.org/cancer/ovarian-cancer/detection-diagnosis-staging/detection.html</u>; 5 This is not a sales forecast.

Key Assumptions (US market):

- Target population: 50.5m women aged 50 - 74 years<sup>3</sup>
- Screening frequency: annual
- Price: indicative pricing only<sup>5</sup>





### **PRODUCT AND PIPELINE PORTFOLIO**

- Commercial products for bladder cancer<sup>1</sup> & exosome research
- Multi-product pipeline focused on detection & monitoring of cancer
- Lead pipeline products for monitoring breast & ovarian cancer

PRODUCT	INDICATION	PLATFORM	USE	RESEARCH	ASSA DEVELOP
hTERT	Bladder Cancer	ICC	Adjunct to cytology		
EXO-NET-RUO	Exosome Capture		Research tool		
SubB2M-BCM	Breast Cancer	Immunoassay	Monitoring		$\rightarrow$
SubB2M-OCM	Ovarian Cancer	Immunoassay	Monitoring		$\rightarrow$
SubB2M-PCS	Prostate Cancer	Immunoassay	Detection	$\rightarrow$	
SubB2M-PaCS	Pancreatic Cancer	Immunoassay	Detection	$\rightarrow$	
BARD1-Ovarian	Ovarian Cancer	Immunoassay	Detection	$\longrightarrow$	
BARD1-Breast <sup>2</sup>	Breast Cancer	Immunoassay	Detection	$\longrightarrow$	
BARD1-Lung <sup>2</sup>	Lung Cancer	Immunoassay	Detection	$\rightarrow$	

\*RUO = Research Use Only; \*\*Dates will be released when projects are further advanced; ICC = Immunocytochemistry; 1 Adjunct to urine cytology to assist the detection of bladder cancer; 2 Progression subject to further assay design, development & validation





## COMMERCIALISATION | GOALS AND STRATEGY

GOAL is to develop and commercialise accurate and reliable blood tests for earlier cancer detection and monitoring

SubB2M-based tests	<ul> <li>Prioritise development of SubB2M immunoassays for mon</li> <li>Evaluate SubB2M SPR-based test for general health panel</li> <li>Evaluate SubB2M IHC for evaluation of cancer tissue biops</li> </ul>
Advance Dx pipeline	<ul> <li>Assay development of Dx tests on commercial platforms</li> <li>Analytical validation of tests to ensure robust, reproducible</li> <li>Clinical validation of tests to ensure accuracy for intended</li> </ul>
LDT initial commercial- isation	<ul> <li>Commercialise first as LDTs with CLIA certified laboratory I</li> <li>Fast-to-market pathway enabling early revenues, access to case, and gain market acceptance</li> </ul>
IVD regulatory authorisation	<ul> <li>Gain IVD regulatory clearance/approval dependant on use</li> <li>Larger-scale, multi-site clinical studies to prove safety &amp; efficient of the studies improved clinical adoption, reimbursement and page</li> </ul>
Expand indications & markets	<ul> <li>Multiomic approaches for earlier cancer detection in asym</li> <li>Expand cancer applications to prostate, pancreatic &amp; othe</li> <li>Expand regulatory approvals and market entry to EU, AU &amp;</li> </ul>



nitoring breast and ovarian cancers osies

le and reliable luse

partner/s in the US o 'real world' data, build biobank & reimbursement

e (510k/De Novo/PMA submission) fficacy in intended use population partnering with Dx distributors

nptomatic individuals er cancers & Asia



# SUBB2M<sup>™</sup> | TECHNOLOGY AND TEST METHOD

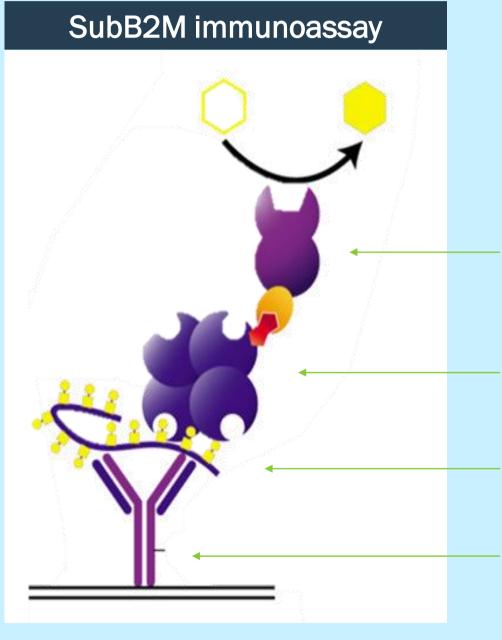
Game-changing technology for monitoring and detection of cancer

- SubB2M protein detects a unique cancer marker Neu5Gc found at elevated levels in multiple human cancers<sup>1</sup>
- Exclusive worldwide licence to SubB2M technology for diagnostic applications<sup>2</sup>
- Applications for diagnosis of multiple cancers (breast, ovarian, prostate, pancreatic, melanoma, others)
- Potential to improve the specificity of existing cancer biomarker tests with next generation SubB2M tests for monitoring and/or detection of ovarian (CA125), breast (CA15.3), prostate (PSA) and other cancers
- Initial focus on developing SubB2M immunoassays for monitoring of breast and ovarian cancers<sup>3</sup>
- Evaluating SubB2M-based SPR test for use in a general health panel for elevated Neu5Gc concentrations
- Currently, optimising assay and data package for transfer to CRO for commercial development

1 Neu5Gc is not normally expressed in human tissue; 2 License from University of Adelaide and Griffith University; 3 Shewell et al. N-glycolylneuraminic acid serum biomarker levels are elevated in breast cancer patients at all stages of disease". 2021: https://www.biorxiv.org/content/10.1101/2021.06.21.449179v2 ; HRP = Horseradish Peroxidase







signal generation (streptavidin HRP)

SubB2M-biotin detects Neu5GC on cancer biomarker

Neu5Gc decorated cancer biomarker

capture antibody to cancer biomarker



## SUBB2M | BREAST CANCER TEST

Monitoring and detection of breast cancer

Data	<ul> <li>POC study conducted by Griffith University to evaluate SubB2M S assay for detection of Neu5Gc in 118 samples of BC cases and o</li> </ul>
	<ul> <li>&gt;95% sensitivity and specificity for all stages of BC compared to</li> </ul>
Next steps	<ul> <li>Develop and validate SubB2M-CA15.3 immunoassay for monitor</li> </ul>
	<ul> <li>Evaluate SubB2M-IHC for BC (Analyte Specific Reagent)</li> </ul>

Project plan	CY2021	CY2022	
Feasibility of SubB2M-CA15.3 immunoassay for detection of BC <sup>3</sup>	Feasibility		@Griffith <sup>2</sup>
Optimisation & verification testing of SubB2M-CA15.3 test for BC		Assay Deve	lopment
Retrospective study to establish diagnostic accuracy for stage I-IV			
Retrospective study to establish clinical performance of test for monitoring BC compared to CA15.3			
Validate analytical performance of in-house test in CLIA Lab			
Validate clinical performance of in-house test in CLIA Lab			
Market launch by CLIA Lab partner			

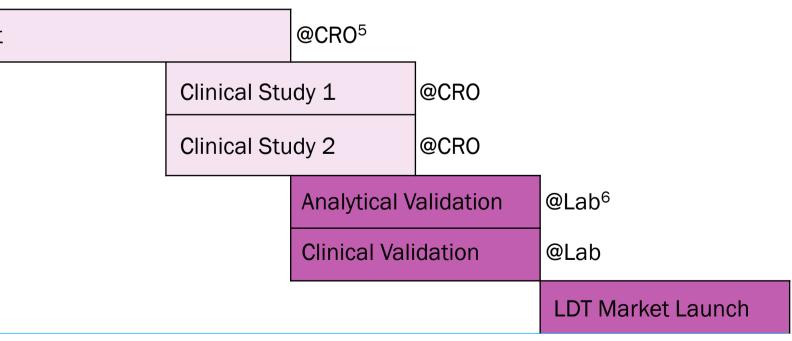
POC = Proof of Concept; SPR = Surface Plasmon Resonance; BC = Breast Cancer; AUC = Receiver Operating Characteristic Area Under the Curve; 1 Pre-print manuscript <u>https://www.biorxiv.org/content/10.1101/2021.06.21.449179v2</u>; 2 Samples provided by Victorian Cancer Biobank; 3 Awarded competitive BTB funding from MTPConnect to develop tests for monitoring & detection of BC; 4 Collaborative Research Agreement with the Institute for Glycomics at Griffith University; 5 Contract Research Organisation; 6 CLIA-certified high-complexity laboratory



SPR-based controls	Stage	Breast Cancer <sup>1</sup> n=118 (96 cancers : 22 controls)				
controls <sup>1,2</sup>		Sensitivity	Specificity	AUC		
ring BC	Stage I	95.83%	100%	0.958		
	Stage II	100%	100%	1.000		
	Stage III	100%	100%	1.000		
	Stage IV	100%	100%	1.000		

CY2023

#### h<sup>4</sup>/INOVIQ





## SUBB2M | OVARIAN CANCER TEST

Monitoring and detection of ovarian cancer

Data	<ul> <li>POC study conducted by Griffith University to evaluate SubB2M S assay for detection of Neu5Gc in 69 samples of OC cases and co</li> </ul>
	<ul> <li>100% sensitivity and specificity for all stages of OC compared to</li> </ul>
Next steps	<ul> <li>Develop and validate SubB2M-CA125 immunoassay for monitori</li> </ul>
	<ul> <li>Initial POC achieved for SubB2M-CA125 ELISA-based test</li> </ul>
	<ul> <li>Evaluate SubB2M-IHC for OC (ASR)</li> </ul>

Project plan	CY2021	CY2022	
Feasibility of SubB2M-CA125 immunoassay for detection of OC	Feasibility		@Griffith
Optimisation & verification testing of SubB2M-CA125 for OC		Assay Deve	lopment
Retrospective study to establish diagnostic accuracy for stage I-IV			
Retrospective study to establish clinical performance of test for monitoring OC compared to CA125			
Validate analytical performance of in-house test in CLIA Lab			
Validate clinical performance of in-house test in CLIA Lab			
Market launch by CLIA Lab partner			

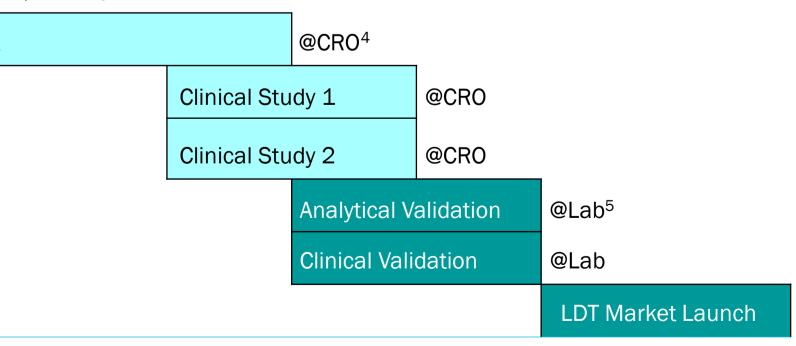
POC = Proof of Concept; SPR = Surface Plasmon Resonance; OC = Ovarian Cancer; AUC = Receiver Operating Characteristic Area Under the Curve; 1 Pre-print manuscript available https://www.biorxiv.org/content/10.1101/2021.06.21.449179v2; 2 Samples provided by Victorian Cancer Biobank; 3 Collaborative Research Agreement with the Institute for Glycomics at Griffith University; 4 Contract Research Organisation; 5 CLIA-certified high-complexity laboratory



SPR-based ontrols	Stage	Ovarian Cancer n=69 (47 cancers : 22 controls)		
o controls <sup>1,2</sup>		Sensitivity	Specificity	AUC
ring OC	Stage I	100%	100%	1.000
	Stage II	100%	100%	1.000
	Stage III	100%	100%	1.000
	Stage IV	100%	100%	1.000

CY2023

#### h<sup>3</sup>/INOVIQ





# **EXO-NET | PRODUCTS & PIPELINE**

Enabling technology for exosome research, diagnostic and therapeutic applications

XO-NET

REF 40031

n-exosome capture gnetic Particle

### **RUO EXO-NET<sup>®</sup>** product

- RUO EXO-NET is a pan-exosome capture tool for research use
- Suitable for enrichment from blood, urine, saliva and cell culture
- Highly scalable with speed, purity and yield advantages
- Commercialisation strategy to embed EXO-NET into the discovery, research & development phases of future exosome-based Dx and Tx
- **Evaluations** progressing with multiple KOLs in academia & industry
- Plans to expand collaborations with KOLs to validate use of EXO-NET in key exosome applications
- **Presentations** of research at scientific conferences
- Publication of in-house and collaborator data in peer reviewed journals to build product awareness, validate technology & gain adoption
- Secure distributor/s for RUO EXO-NET to manage distribution & sales
- Research market estimated at US\$100-500m by 2026<sup>1</sup>

- - 2.
  - 3.
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  - 5.

#### **EXO-NET** pipeline

**EXO-NET** is a proprietary multi-layered matrix of capture antibodies coated onto magnetic beads to enable efficient exosome isolation Exosomes are nano-particles (30-150nm) produced by cells containing nucleic acids, proteins & lipids that are biomarkers for diagnosis and treatment of multiple diseases including cancer, metabolic, neurological New product development opportunities: EXO-NET medical device for diagnostic applications

Capture and release EXO-NET for therapeutic applications

**Customised** EXO-NETs for capture of target exosomes

In-house exosome-based cancer diagnostics<sup>1</sup>

Partnered exosome-based companion diagnostics (CDx)

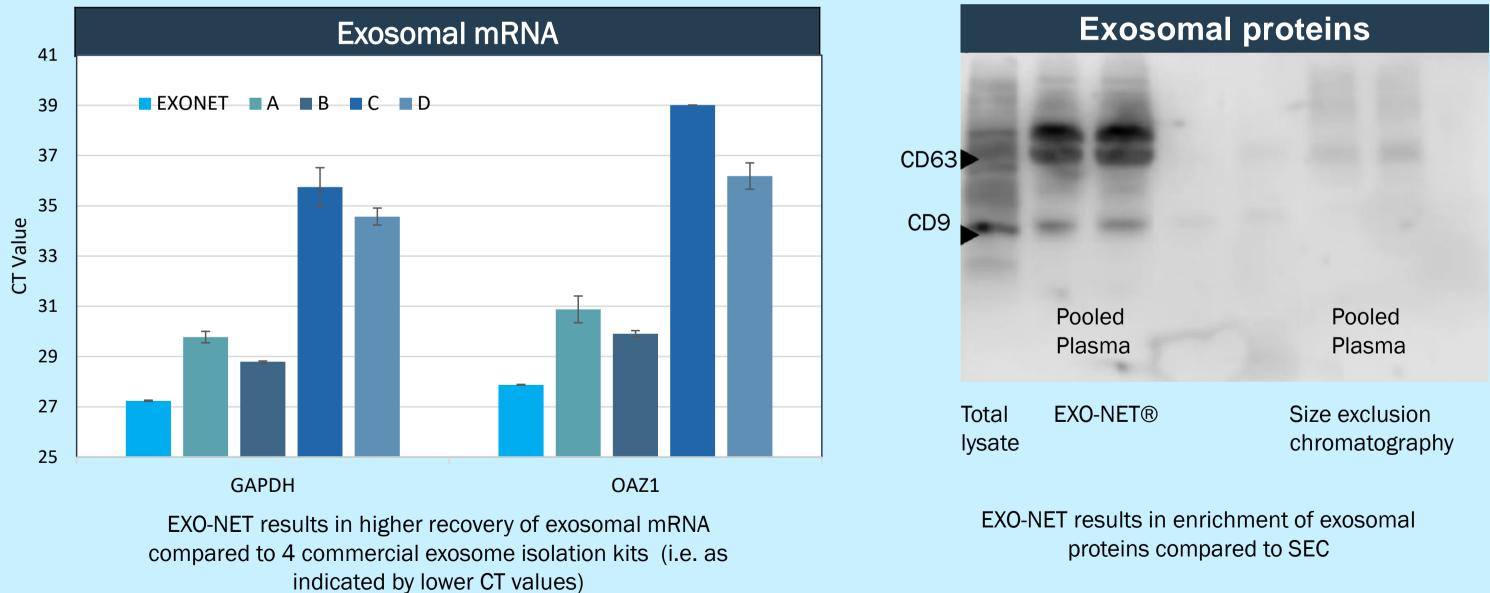
Potential for contract research fees and license revenues from upfront fees, development milestones & royalties

Global exosomes market for Dx and Tx US\$2.3b by 2030<sup>2</sup>



### EXO-NET | COMPARISON DATA

- Scalable exosome isolation for high throughput screening
- Speed, purity and yield advantages
- Compatible with downstream exosomal RNA & protein analyses



**"EXO-NET enables** simple and rapid exosome capture for clinical applications." INOVIQ collaborator



# **BARD1 | TECHNOLOGY AND AUTOANTIBODY TESTS**

- Splice variants of **BARD1** are associated with cancer formation, progression and poor prognosis
- BARD1 autoantibody (AAb) tests measure autoantibodies to BARD1 variants and use a weighted **algorithm** to give a cancer score
- Potential applications for **earlier cancer detection** in high-risk individuals
- **POC studies**<sup>1</sup> performed at UNIGE<sup>2</sup> using a research-stage multi-peptide immunoassay on MSD platform<sup>3</sup> showed high accuracy for detection of ovarian, breast & lung cancers compared to healthy controls
- 20-peptide assay developed under contract by Thermo Fisher Scientific on Luminex platform for commercialisation (RUO BARD1 kit)
- Evaluations of BARD1 kit at UNIGE and Griffith confirmed performance of several peptides to discriminate between case and control<sup>4</sup>
- Further assay design, development and technical validation would be required before advancing to clinical development

**Product** BARD1 Ovarian BARD1 Breast BARD1 Lung





Study	n (cancer:normal)	AUC	Sensitivity	Specificity
OC-CA125 (ave-risk)	400 (200:200)	0.95	88%	93%
OC-R001 (high-risk)	261 (127:134)	0.97	89%	97%
BC-001a (ave-risk)	123 (61:64)	0.86	70%	88%
BC-001b (benign)	110 (61:49)	0.84	85%	76%
LC-POC (ave-risk)	187 (94:93)	0.86	80%	77%

AUC is the accuracy of the test; Sensitivity is the % of people with cancer that correctly test positive; Specificity is the % people without cancer that correctly test negative.



## **HTERT | ICC TEST FOR DETECTION OF HTERT**

#### Anti-hTERT antibody

### Anti-hTERT Antibody

- hTERT test is an immunocytochemistry (ICC) assay that detects hTERT
- Adjunct to urine cytology to assist bladder cancer diagnosis
- Registered in US (FDA Class I), Europe (CE-IVD mark), South Korea (MFDS Class II) & Australia (TGA Class II)
- **Distributors appointed** in US (StatLab), Greece (Aenoresis), Sweden (TrioLab), Israel (Zotal) & South Korea (Mirax)
- **US:** Generating ~A\$550k revenue pa & reimbursable US\$108 per test
- **ROW:** Initial commercialisation efforts focused on establishing test in Key User / reference laboratories; User pays
- US bladder cancer market: incidence 80,617, prevalence 269,259, 1.7m urine cytology tests pa on new cases of haematuria (2017)<sup>1,2</sup>



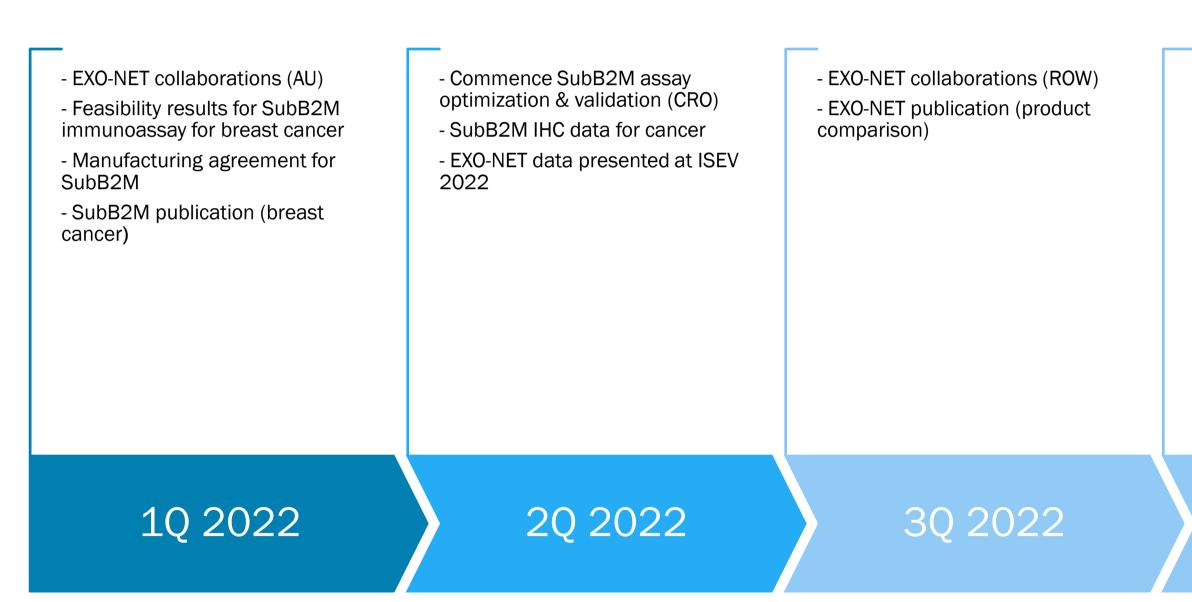






### CATALYSTS

Expected newsflow over the next 24 months



Milestones and timelines subject to change based on results, sample access, partner/regulatory engagement; impact of COVID-19 delays, and other factors outside of management control

- Secure LDT laboratory partner
- Appoint EXO-NET distribution partner
- Commence SubB2M accuracy study BC
- Commence SubB2M accuracy study OC
- Commence SubB2M/CA15.3 comparison study to CA15.3
- Commence SubB2M/CA125 comparison study to CA125

- SubB2M BC test results
- SubB2M OC test results
- SubB2M analytical validation (lab)
- SubB2M clinical validation (lab)
- Launch SubB2M BC test (LDT)
- Launch SubB2M OC test (LDT)
- Secure partnering agreements for EXO-NET

#### 4Q 2022

#### 2023



## **INVESTOR SUMMARY**

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: 21 to 1

Dx = Diagnostics; 1 SubB2M proof-of-concept data; 2 Adjunct to urine cytology to assist the detection of bladder cancer; 3 As at 31 Dec 2021

#### e-based solutions to improve health outcomes

- etection technologies with multiple applications
- of common and/or deadly cancers
- high sensitivity & specificity for detection of
- cer<sup>2</sup> and exosome research
- iagnostics in US\$11b global markets
- ip, Dx development and commercialisation
- fund operations and pipeline development<sup>3</sup>



#### **CONTACTS**

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ADDITIONAL INFORMATION









# STRONG PATENT PORTFOLIO

- Broad patent portfolio protecting IIQ's core biomarker isolation and detection technologies, and products
- IP owned or exclusively licensed
- 38 granted patents, 19 pending and 2 new provisional patent applications (at 31/1/21)
- Covers key jurisdictions (including US, Europe, Asia & Australia)
- Trademarks for INOVIQ<sup>™</sup> and EXO-NET<sup>®</sup>

Patent Family	Title	
SubB2M		
PCT/AU2017/051230 (WO 2018/085888)	Subtilase cytotoxin B	
APPA/2021901444	Methods of analysing	
BARD1		
PCT/FR01/02731 (WO/2002/018536)	Truncated BARD1 pr and therapeutic uses	
PCT/IB2011/053635 (WO/2012/023112)	BARD1 isoforms in lucancer and use there	
PCT/IB2011/054194 (WO/2012/038932)	Kits for detecting bread body fluid sample a	
PCT/EP2014/073834 (WO/2015/067666)	Lung Cancer Diagno	
EP14002398.7	Non-coding RNA as treatment target	
hTERT		
PCT/AU2015/050060 (WO2015/120523)	Method of resolving detect cancer	
PCT/AU2016/050764 (WO2017/027928)	Method of detecting morphologically norr	
Molecular NETs		
PCT/US2010/058086 (WO2011/066449)	Devices for detection	
PCT/US2013/049779 (WO2014/011673)	Molecular Nets	
PCT/US2014/029823 (WO2014/153262)	Molecular nets on so	
APPA/2021901358 APPA/2021901359	Methods relating to t extracellular vesicles	

	Granted	Pending	Expiry
3 subunit mutant		AU, BR, CA, CN, EP, IN, JP, KR, US	2037
g a sample			2042
rotein, and its diagnostic s	US		2024
ung and colorectal eof	AU, CA, CN, CN(div) EP, HK, IL, JP, JP(div), SG, US, US(cont)	BR	2031
east or ovarian cancer in and use thereof	EP, US, US(cont)		2032
osis	AU, CN, IL, JP, SG, KR, US	CA, EP, HK	2034
diagnostic marker and	US		2035
inconclusive cytology to	AU, CN, EP, JP, IL, US	US(cont)	2035
r cancer in mal cells	JP	US, EP	2036
n of analytes	CN, US, US(cont1), US(cont2)	US(cont4)	2030
	EP		2033
olid phases	AU, CN	CA, CN(div)	2034
tumour-derived S			2042



### HEALTHCARE EXPERIENCED BOARD



#### **DR GEOFF CUMMING PhD**

Non-Executive Chairman

Healthcare and biotechnology director with extensive diagnostics industry experience.

**Previously Managing Director** Roche Diagnostic Systems (Oceania), MD/CEO Biosceptre International Ltd and MD/CEO of Anteo Diagnostics Ltd.

Currently NED AnteoTech Ltd.



**MAX JOHNSTON Non-Executive Director** 

Healthcare industry director and international business leader with extensive experience across medtech, pharmaceuticals, consumer healthcare and consumer goods.

Previously President and CEO of Johnson & Johnson Pacific, NED of PolyNovo Ltd and CannPal Animal Therapeutics Ltd, and Chairman of AusCann Ltd.

Currently NED of Medical Developments International Ltd & Tissue Repair Ltd, and interim CEO of PolyNovo Ltd.



Healthcare industry director and chartered accountant with extensive investment banking experience specialising in capital raisings, IPOs, mergers and acquisitions and other transactions across pharma, food and agriculture.

Currently NED RMA Global Ltd.

**PHILIP POWELL Non-Executive Director** 

Previously at OAMPS Ltd and Arthur Andersen, and NED at Polynovo Ltd and Medical Developments International Ltd.



#### Prof ALLAN CRIPPS AO PhD **Non-Executive Director**

Distinguished academic, clinical scientist and health services leader, having made significant contributions in immunology, diagnostics and health services.

**Previously Pro Vice Chancellor** (Health) at Griffith University where he was responsible for the establishment of the Health Faculty including the School of Medicine.

**Currently Professor Emeritus at** Griffith University and NED of Neurotech International Ltd.



#### MANAGEMENT



**DR LEEARNE HINCH Chief Executive Officer** 

**Dr** Leearne Hinch BSc BVMS MBA is an experienced biotechnology executive and life sciences commercialisation consultant.

Strong track record in company leadership, business strategy, operational management, fundraising, sales, business development and technology commercialisation.

Previous senior executive and consulting roles in ASX-listed biotechnology, multi-national and private companies across diagnostics, devices, therapeutics and animal health including Mars, Virbac, Chemeq, CollTech & OBJ.



**DR GREG RICE PhD Chief Scientific Officer** 

Dr Greg Rice BSc PhD MHA GradDipMgt is an internationally recognised scientist with over 30 years' expertise and experience in oncology, perinatology, exosome-based research, clinical translational research, IVD development and commercialistion.

Successful track record in oncology research. biomarker trials and diagnostics commercialisation.

Previous leadership roles in academia and industry including UQ, Baker Heart Inst., UoM, Monash & HealthLinx.



**DR EMILY STEIN PhD** Technology Director (NETs)

Dr Emily Stein PhD is an experienced life sciences executive, scientist and inventor of the NETs technology.

Track record in creating patented technologies and translating innovations from idea to commercialised products, with expertise in microbiology, rheumatology immunology and neurology.

Previous management roles as founder and scientist in US-based life science startups.



Dr Wayne Jensen PhD is an experienced medtech executive with extensive product development experience.

Track record in product development from concept to commercialisation. having successfully brought 25 medical device & IVD products to market.

Previous senior R&D, QA and consulting roles in medtech and diagnostics at Sienna & Universal **Biosensors**.

#### **DR WAYNE JENSEN PhD R&D Director**



**SUSAN BELZER Commercial Dev Director** 

Susan Belzer BSc MBA is an experienced clinical diagnostics professional with expertise across oncology, immunology & infectious diseases.

Track record in laboratory management, TQM, project management, LDT and IVD diagnostic development & commercialisation.

Previous diagnostics management roles at ViroMed-LabCorp, Exosome Diagnostics & MD **Biosciences.** 



**TONY DI PIETRO CFO & Company Secretary** 

Tony Di Pietro BComm CA AGIA MAICD is a Chartered Accountant with strong corporate accounting experience, gained in Australia and the UK.

Graduate Diploma of Applied Corporate Governance from the Governance Institute of Australia and member of the Australian Institute of Company Directors.

Previous senior roles in ASXlisted biotechnology companies including Acrux Ltd.

