

MST Access Diagnostics Forum notice

Melbourne, Australia, 5 December 2022: INOVIQ Limited (ASX:IIQ) (**INOVIQ** or the **Company**) advises that CEO Dr Leearne Hinch will deliver the attached presentation to investors and shareholders at the **MST Access Diagnostics Forum** on 6 December 2022.

The Diagnostics Forum details and link to register for the webinar are provided below:

Date: Tuesday, 6 December 2022
Time: 10:40 AM AEDT
Registration: [MST Access Diagnostics Forum](#)

Authorised for release by Company Secretary, Mark Edwards.

- ENDS -

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ABOUT INOVIQ LTD

INOVIQ Ltd (ASX:IIQ) (**INOVIQ**) is developing and commercialising next-generation exosome capture tools and precision diagnostics to improve the diagnosis and treatment of cancer and other diseases. The Company has commercialised the EXO-NET pan-exosome capture tool for research purposes and the hTERT test as an adjunct to urine cytology testing for bladder cancer. Our cancer diagnostic pipeline includes blood tests in development for earlier detection and monitoring of ovarian, breast and other cancers. For more information on INOVIQ, see www.inoviq.com.

FORWARDING LOOKING STATEMENTS

This announcement contains certain 'forward-looking statements' within the meaning of the securities laws of applicable jurisdictions. Forward-looking statements can generally be identified by the use of forward-looking words such as 'may', 'should', 'expect', 'anticipate', 'estimate', 'scheduled' or 'continue' or the negative version of them or comparable terminology. Any forecasts or other forward-looking statements contained in this announcement are subject to known and unknown risks and uncertainties and may involve significant elements of subjective judgment and assumptions as to future events which may or may not be correct. There are usually differences between forecast and actual results because events and actual circumstances frequently do not occur as forecast and these differences may be material. The Company does not give any representation, assurance or guarantee that the occurrence of the events expressed or implied in any forward-looking statements in this announcement will actually occur and you are cautioned not to place undue reliance on forward-looking statements.



Investor Presentation

6 December 2022



MST Access Diagnostics Forum
ASX: IIQ



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Financial information (ASX:IIQ)

Ordinary shares ²	92,018,702
Listed options ²	5,909,965
Share price ²	A\$0.630
Market capitalisation ²	A\$58.0m
Cash at bank ¹	A\$13.5m
Ave monthly cash burn ³	A\$607k

Major shareholders (as at 2 December 2022)

Merchant Funds Mgt Pty Ltd	14.2%
Moggs Creek Pty Ltd	5.3%
Dr Irmgard Irminger-Finger	3.8%
Peter Gunzburg	2.0%
TOP 20	35.6%

Share price performance



Board and Management

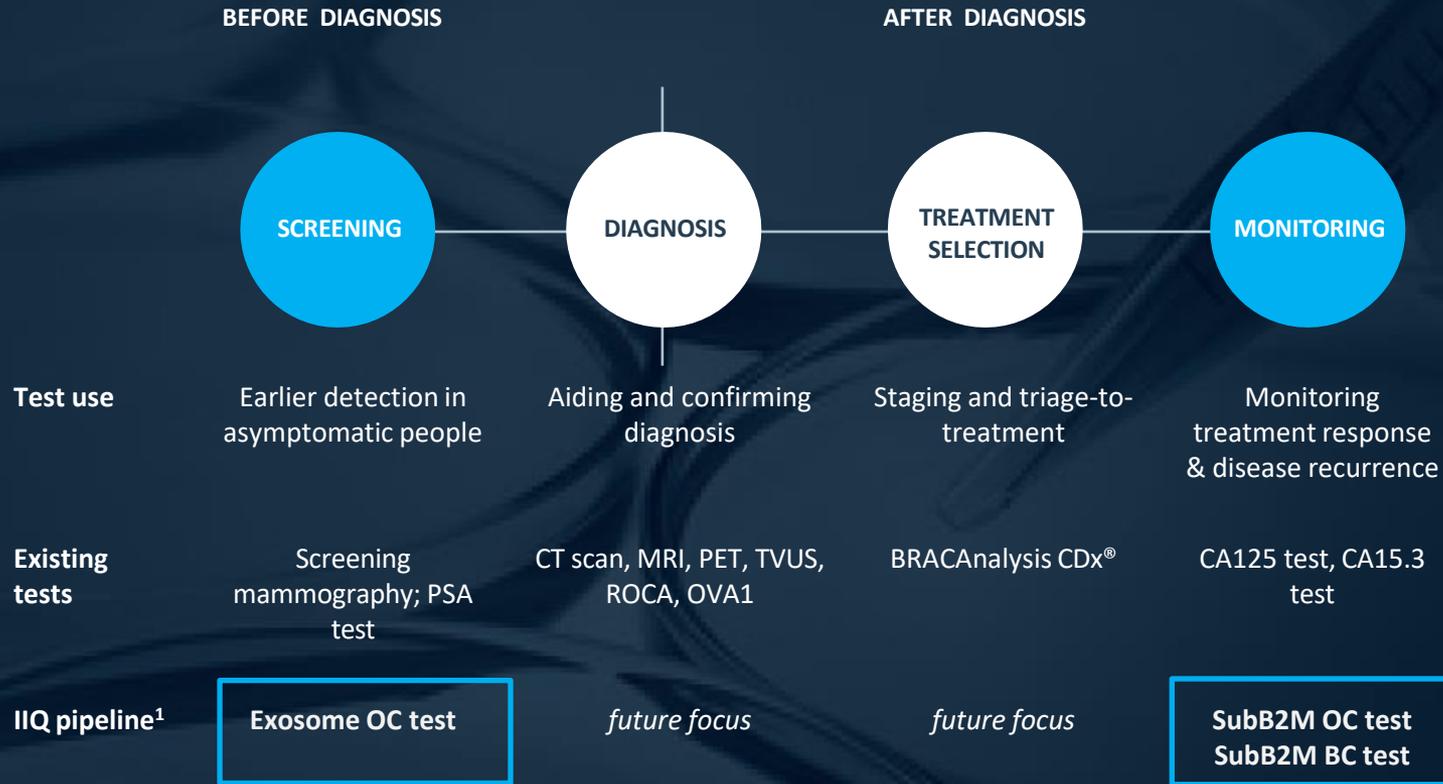
Dr Geoff Cumming	Non-Executive Chairman
Mr Robert (Max) Johnston	Non-Executive Director
Mr Philip Powell	Non-Executive Director
Professor Allan Cripps AO	Non-Executive Director
Dr Learne Hinch	Chief Executive Officer
Dr Greg Rice	Chief Scientific Officer
Mr Mark Edwards	Chief Financial Officer & Company Secretary

Pipeline | Multiple shots on goal

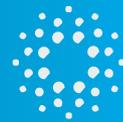


PRODUCT	INDICATION	PLATFORM	USE	RESEARCH	ASSAY DEVELOPMENT	CLINICAL DEVELOPMENT	REGISTRATION
hTERT ¹	Bladder Cancer	ICC	Adjunct to cytology				★ In-market
EXO-NET-RUO	Exosome Capture	Device	Research tool				★ In-market
Exosome-OC ² (OCR-F-7)	Ovarian Cancer	Multioptic	Screening				
SubB2M-BCM	Breast Cancer	Immunoassay	Monitoring				2023
SubB2M-OCM	Ovarian Cancer	Immunoassay	Monitoring				2023
SubB2M-SPR	Multi-cancer	SPR	Risk assessment				
SubB2M-PCS	Prostate Cancer	Immunoassay	Detection				
SubB2M-PaC	Pancreatic Cancer	Immunoassay	Detection				
BARD1-Ovarian ³	Ovarian Cancer	Immunoassay	Detection				
BARD1-Breast ³	Breast Cancer	Immunoassay	Detection				

Indications for Use | Tests for different cancers and uses in the diagnostic pathway



Ovarian Cancer | Overview



- **#8** most common cancer & **#1** gynaecological cancer deaths in women worldwide
- UNMET NEED for earlier and more accurate tests for OC detection and monitoring



\$1.9b¹

OVARIAN CANCER

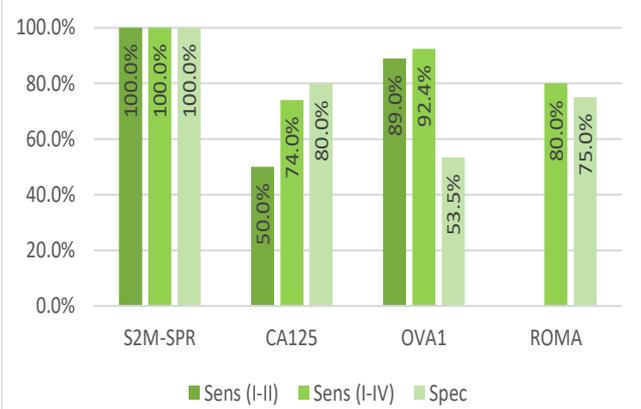
prevalence **823k**

Incidence **314k**

deaths **207k**

45%

Overall 5-year survival rate



5-year Survival by Stage at Diagnosis²

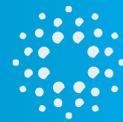


Normal	Stage 1	Stage 2	Stage 3	Stage 4
Healthy ovaries	Confined to ovaries	Spread within pelvis	Spread within abdomen	Spread to other organs
100%	95%	70%	25%	15%

Current Standard of Care³

Screening	No tests recommended to SCREEN average-risk, asymptomatic women for ovarian cancer
Monitoring	CA125 blood test approved to MONITOR treatment response and recurrence in women with ovarian cancer

1.: GLOBOCAN (IARC) 2020; & <https://www.globenewswire.com/news-release/2019/08/07/1898453/0/en/Ovarian-Cancer-Diagnostics-Market-Size-Worth-US-1-8-Bn-by-2026.html>
 2. www.cancer.org; www.cancer.net; www.cancerresearchuk.org; 3. USPSTF, ACS, ACOG, AGDH



Collaboration with UQ to develop blood-based exosomal screening test for ovarian cancer¹

- UQ's OCRF-7 validated in a retrospective case-control study achieving over **90% accuracy** for detection of stage I / II ovarian cancer³
- UQ project funded via a **\$2.7m MRFF² grant**
- INOVIQ has the **exclusive option to license** the development and commercialisation rights
- Meets **critical need** for early detection of ovarian cancer to improve treatment options, women's health outcomes and help save lives

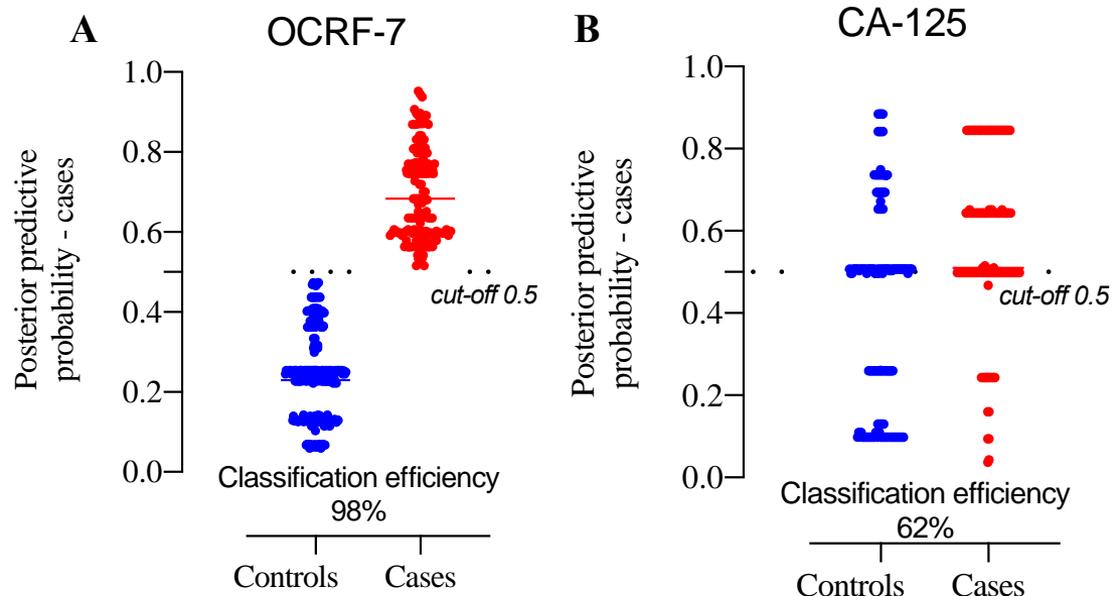
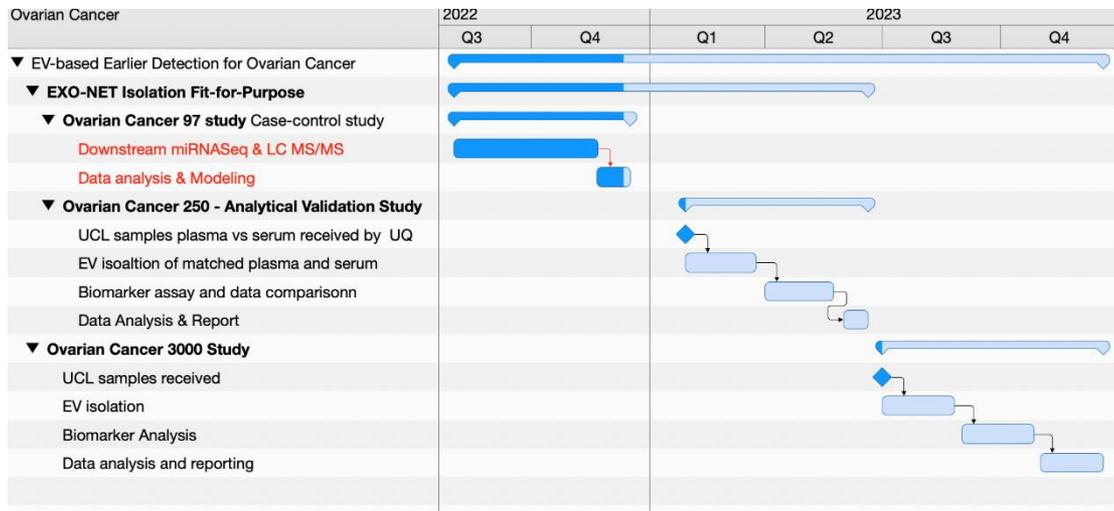


FIGURE: Retrospective case (n = 153) : control (n = 312) study comparing accuracy of OCRF-7 algorithm to CA-125 assay



Next-steps

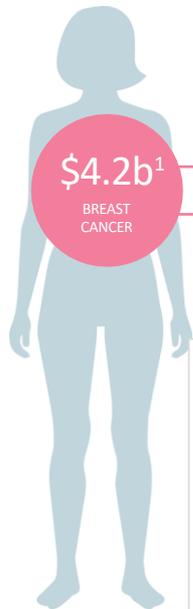
- Ovarian Cancer 97 Study:** To establish that EXO-NET is fit-for-purpose for the downstream analysis of plasma extracellular vesicle associated microRNA and protein and for use in MRFF Ovarian Cancer Screening Study (UQ)
- OC 250 Study:** Analytical Validation study including plasma and serum comparison
- OC 3000 Study:** Clinical Validation study using 3000 samples obtained from the UKCTOCS study (Case : control ratio = 1:2)



Breast Cancer | Overview



- #1 most common cancer & #1 cancer deaths in women worldwide
- UNMET NEED for earlier and more accurate tests for BC detection and monitoring



\$4.2b¹

BREAST
CANCER

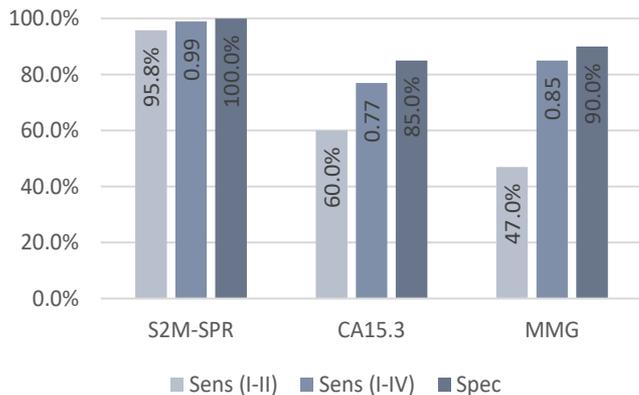
prevalence **7.8m**

incidence **2.3m**

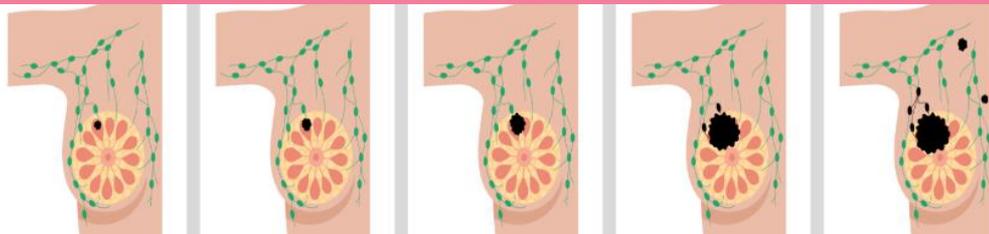
deaths **685k**

85%

Overall 5-year
survival rate



5-year Survival by Stage at Diagnosis²



Stage 0

Non-invasive
<2cm

100%

Stage 1

Invasive tumour
<2.5cm

98%

Stage 2

Tumour <5cm +/-
axillary LN

90%

Stage 3

Tumour >5cm &
spread ax LN

70%

Stage 4

Spread to other
organs

25%

Current Standard of Care³

Screening

Annual or biennial screening with Mammogram for average-risk, asymptomatic women ages 45 - 74+ years

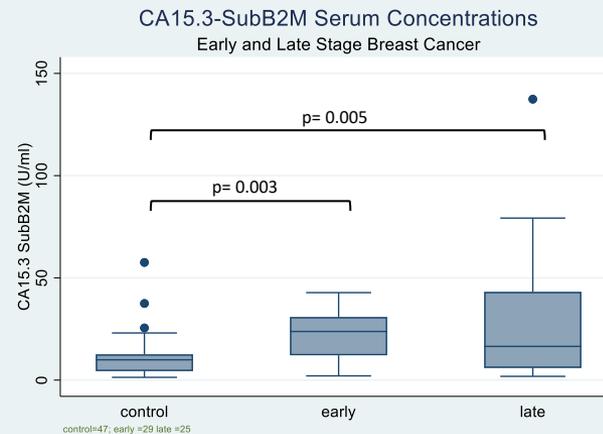
Monitoring

CA15.3 blood test approved to MONITOR treatment response and recurrence in women with breast cancer



- SubB2M-based immunoassay development, optimisation and validation underway at ResearchDx^{1,2}
- Commenced breast cancer clinical study (BC95) to evaluate performance of SubB2M-CA15.3 by cancer stage
- Interim data are encouraging and indicate that both early- and late-stage breast cancer samples can be discriminated from cancer-free (controls) samples.
- Next step is to establish reproducibility of the assay

BC 95 Study: Breast Cancer Clinical Study



Kruskal-Wallis Test $\chi^2 = 13.7$, $p = 0.001$, Pair-wise comparisons – Dunn’s Test (Bonferroni). The median value and interquartile ranges are presented.



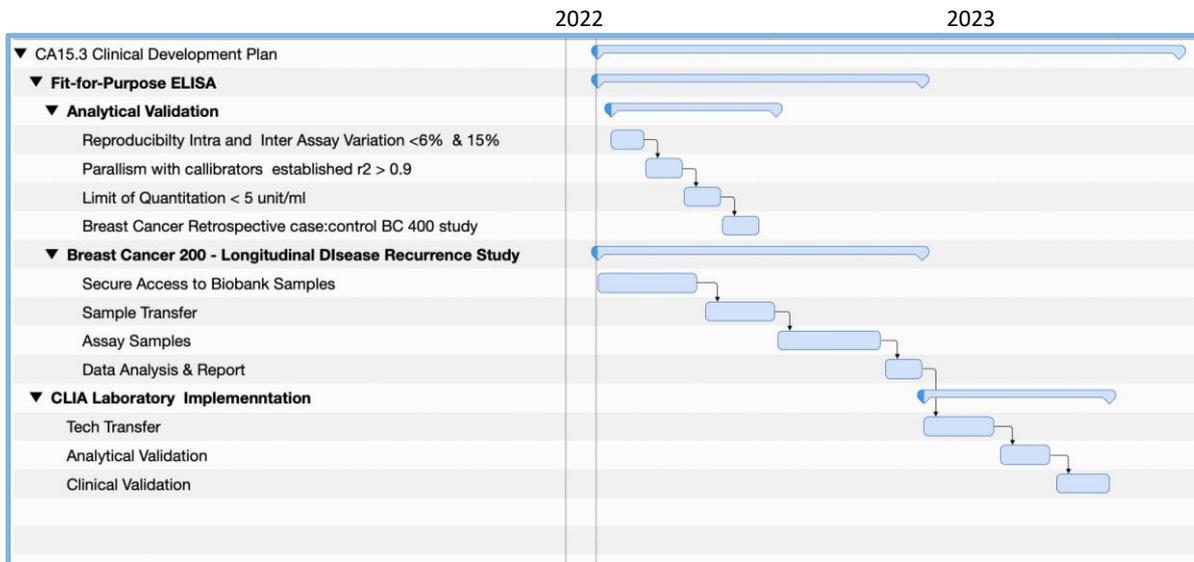
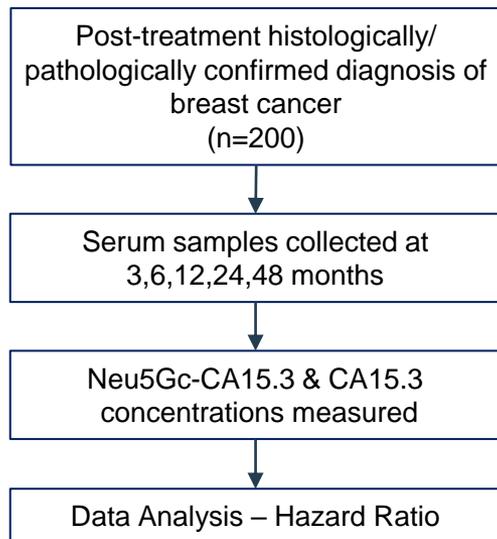
Intended use: A blood test to aid in monitoring breast cancer recurrence

Prospectively Collected Retrospectively Analysed Longitudinal Breast Cancer Study

Study Design	Prospective Longitudinal Clinical Cohort Study
Objective	CA15.3 is still a widely used test for monitoring breast cancer, although recent reports discourage its routine use because of low sensitivity. This is a prospective study to evaluate the efficacy of Neu5Gc-CA15.3 (a cancer-specific glycovariant) in monitoring breast cancer recurrence.
Description	200 patients with a histologically/pathologically confirmed diagnosis of breast cancer and recurrence or metastasis after surgery. Peripheral venous blood collected every 3 to 6 months. Serum concentrations of Neu5Gc-CA15.3 (INOVIQ) and CA15.3 (Elecsys® CA 125 II Roche) will be measured at different follow-up time points.
Clinical Samples	Previously bio-banked samples
Primary Outcome Measure	Neu5G-CA15.3 not inferior to CA15.3 (as assessed by Cox proportional hazards models with a time-varying indicator)
Secondary Outcome Measure	Sensitivity of Neu5Gc-CA15.3 > CA15.3



Intended use: A blood test to aid in monitoring breast cancer recurrence



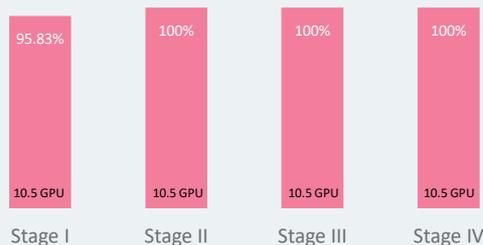


- POC data in case-control studies showed the SubB2M-based SPR test detected:
 - Ovarian Cancer at 100% sensitivity and 100% specificity across all stages (n = 69) ^{1,2}
 - Breast Cancer at 95% sensitivity and 100% specificity across all stages (n = 118) ^{1,2,3}
- Commenced transfer, development and evaluation of SubB2M-based SPR test on Nicoya's next-gen Alto digital SPR instrument⁴
- In development for **cancer risk assessment** in conjunction with approved screening tests
- Potential for further development as a **multi-cancer detection test**



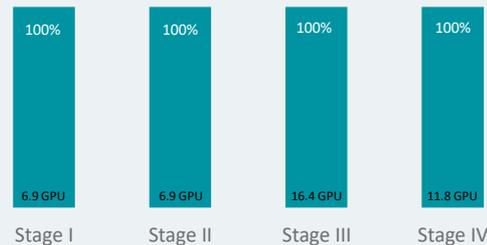
Breast Cancer data

SENSITIVITY BY STAGE¹
n=118 (96 cancers : 22 controls)



Ovarian Cancer data

SENSITIVITY BY STAGE
n=69 (47 cancers : 22 controls)



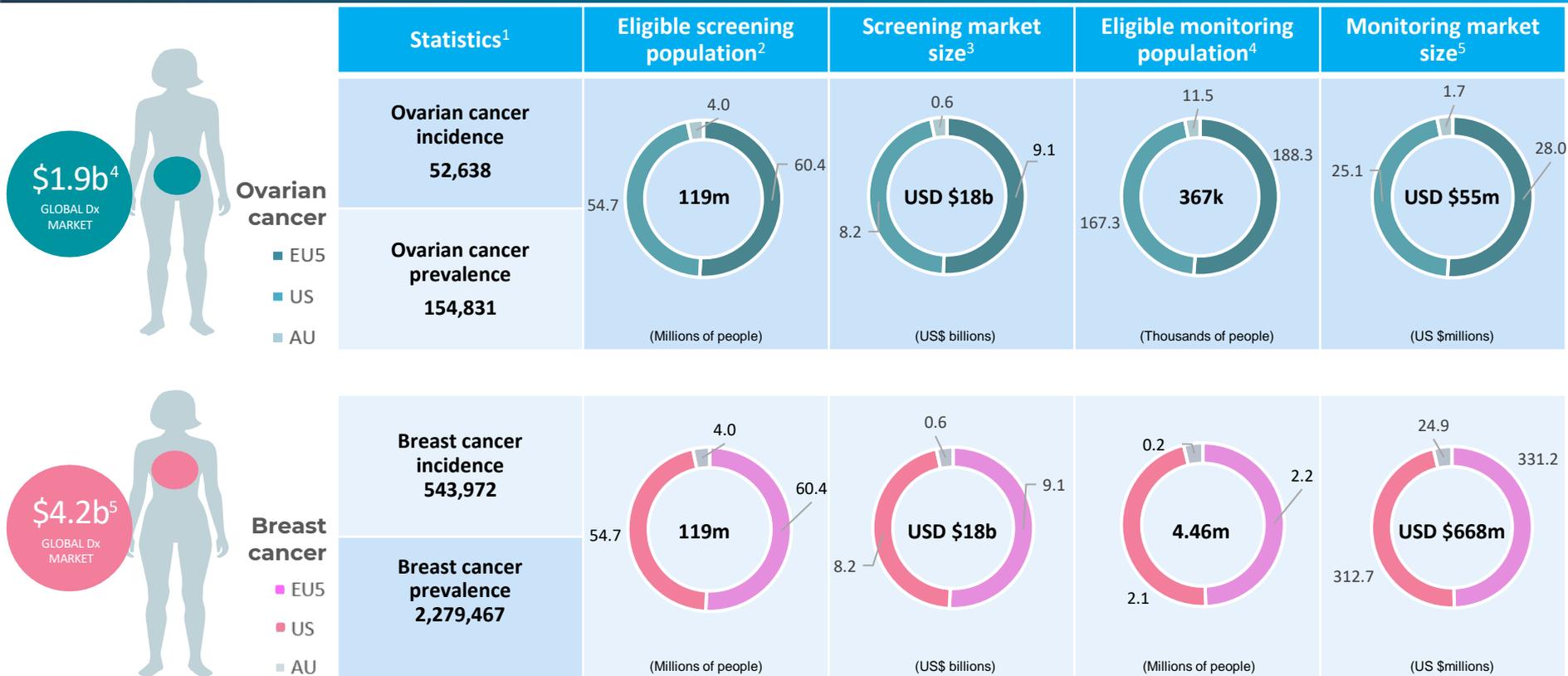


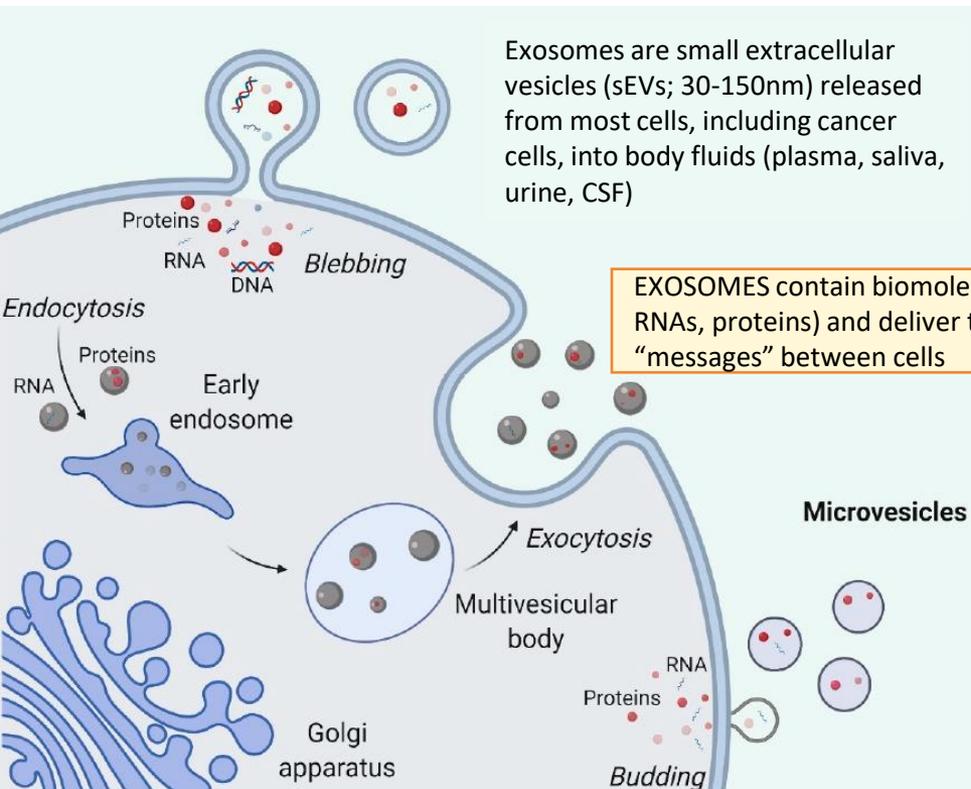
Stepped approach to commercialisation:

- Market entry: Initially US, then expand to EU, AU and others
- Regulatory: Initially LDT, then IVD route
- Indication for use: Initially monitoring (SubB2M), or triage / high-risk screening (Exosomal OC), before general screening
- Clinical: Evidence of clinical performance in intended use population
- Partnering: CLIA-accredited high complexity Lab for commercialization of tests as LDTs

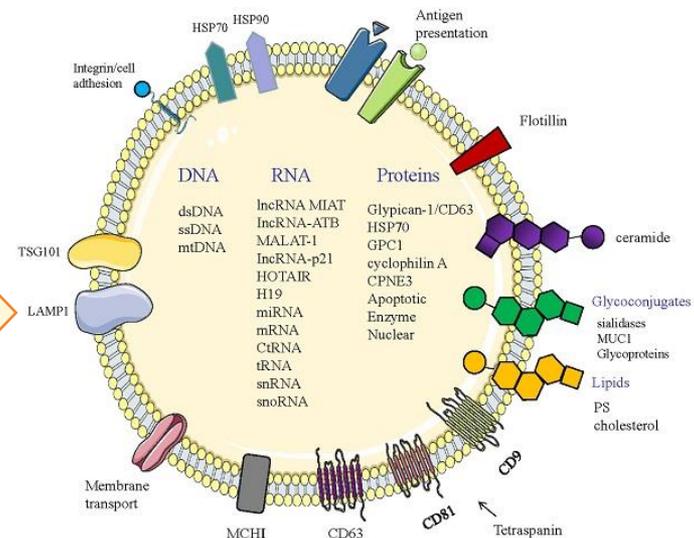
Laboratory Developed Test (LDT)	In Vitro Diagnostic (IVD)
CLIA	FDA 510k clearance / PMA approval
Development & validation in a single laboratory	Larger-scale clinical studies required
Laboratory partner	Distribution partner
Diagnostic service provided to laboratories and clinicians	Kits for sale to hospitals, clinical laboratories and doctors' offices
Faster and lower cost, delivers early revenue & establishes market acceptance	Slower and higher cost, delivers wider clinical adoption & revenue growth

Market potential | Screening and monitoring



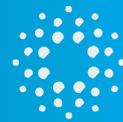


EXOSOMES contain biomolecules (DNA, RNAs, proteins) and deliver these "messages" between cells



Exosomes can be captured and their messages "read" to determine the disease or health status of a cell

Potential diagnostic and therapeutic applications for cancer, metabolic, inflammatory, neurodegenerative and other diseases



- **EXO-NET pan-exosome capture** is a 'research use only' (RUO) product for isolation of exosomes from body fluids
- Meets and unmet need for **rapid, efficient and scalable isolation** of exosomes
- **Suitable** for biomarker discovery, research & development phases of future exosome-based diagnostics & therapeutics
- Expanding **EXO-NET pipeline** including TEXO-NET for cancer EVs, NEURO-NET for bDEVs¹, automated and HTP EXO-NET solutions compatible with routine pathology workflows
- **Collaborating** with KOLs to validate EXO-NET for cancer, inflammatory, metabolic and neurodegenerative diseases
- **Direct sales** of EXO-NET products to Universities & Research Institutes
- Partnered with Percorso Life Sciences for contract sales team & logistics services in the US to **accelerate commercial roll-out**⁴
- Initial **sales campaign to >1000 researchers** is expected to deliver results in 1H CY2023



GLOBAL MARKET OPPORTUNITY FOR
EXOSOME RESEARCH MARKET

US\$661 million



FAST	Easy and convenient workflow with EV capture in 15 minutes
SAMPLE VERSATILITY	Optimal solution for very low volume and rare samples from plasma, urine, saliva
HIGH YIELD	High yield and capture of EVs from various biofluids
PURITY	Reduced co-isolation of contaminants and high enrichment of EV RNA and protein markers
DOWNSTREAM COMPATIBILITY	Compatible for use with most downstream applications (qPCR, Mass Spec, ELISA)
CUSTOMIZABLE	Customizable to isolate specific EV subpopulations for use in target disease indications
SCALABLE	Suitable for automation and high-throughput screening

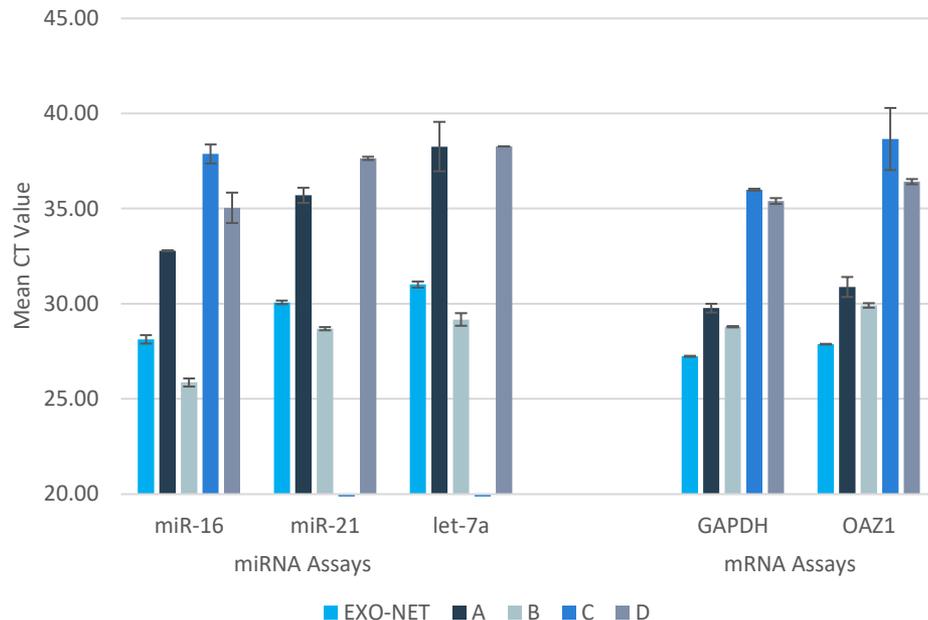


EXONET outperforms or is equivalent to 4 commercial EV isolation kits for recovery of EV micro RNA (miRNA) and messenger (mRNA) as indicated by lower CT values.^{1,2}

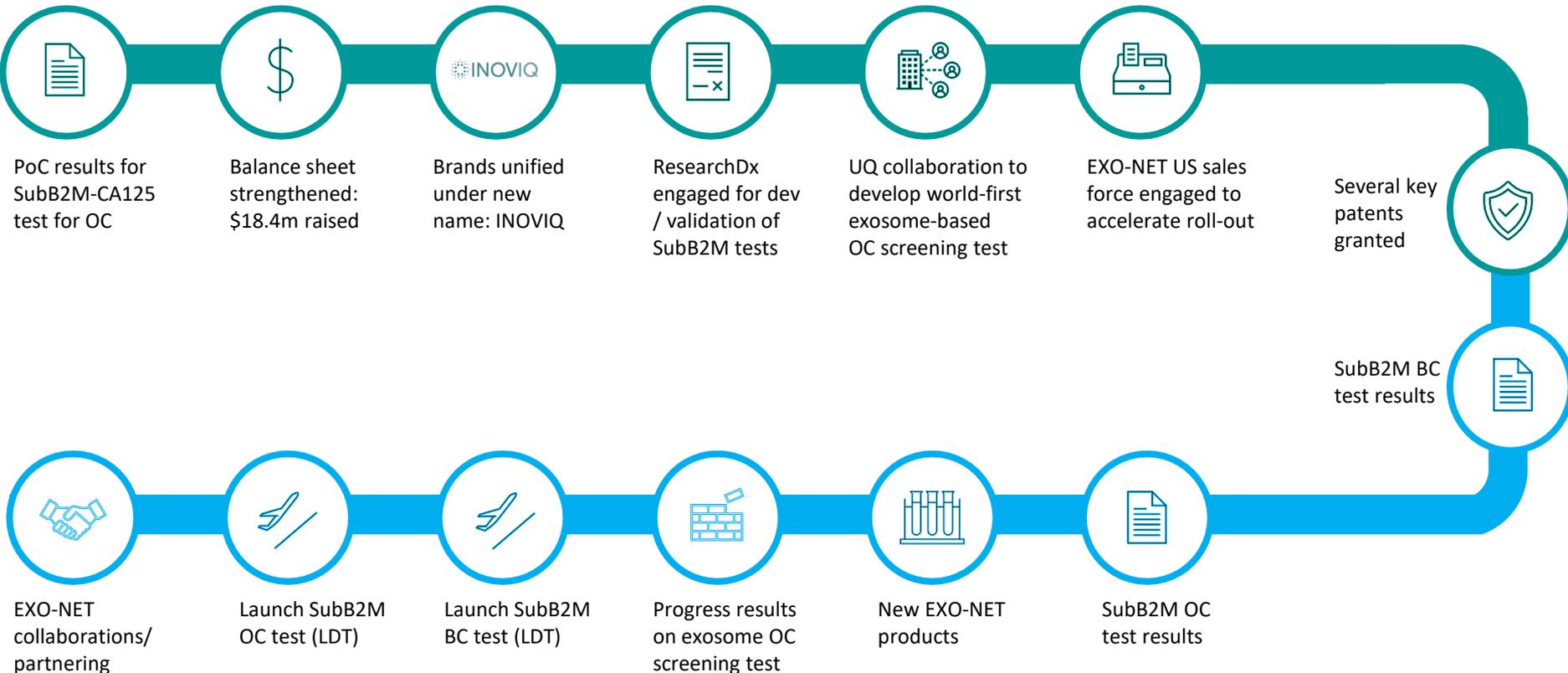
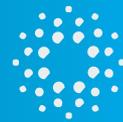
“The use of a scalable exosome isolation tool such as INOVIQ’s EXO-NET product is critical to enable the commercialisation of routine exosome-based tests that can be used in pathology laboratories worldwide.”

*Associate Professor Carlos Salomon Gallo
Head of Exosome Biology Laboratory, University of Queensland*

EXONET comparison to 4 commercial kits



Key achievements of 2022 and catalysts for 2023



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Board and Management



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.



PHILIP POWELL
Non-Executive Director

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.

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

Currently NED RMA Global 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.



DR LEEARNE HINCH
Chief Executive Officer

Experienced biotechnology CEO with expertise in corporate development, capital raising, product development, commercialisation and licensing.

Past leadership and consulting roles in ASX-listed biotechnology, multinational and private companies across diagnostics, devices, therapeutics and animal health including Eustralis Pharmaceuticals, HealthLinX, OBJ, Hollista Coltech, Virbac & Mars.



DR GREG RICE PhD
Chief Scientific Officer

Internationally recognised scientist with over 30 years' experience and a successful track record in oncology research, biomarker trials and diagnostics commercialisation.

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



MARK EDWARDS
CFO & Company Secretary

Highly experienced finance executive with expertise in financial leadership and management, corporate governance, investor relations and corporate transactions.

Previous senior roles in ASX listed pharmaceutical, medical device and healthcare companies including Medical Developments International and Cogstate.



DR ROCCO IANNELLO
Business Development and Licensing Director

Senior business development professional and research scientist with experience in IP commercialisation, business development and licensing across medical devices & pharmaceuticals.

Strong Australian and international networks across government, academia, industry and venture capital. Previous senior roles at Monash, Ward Medication Management & Gordagen Pharmaceuticals.