

## ASX Announcement

### Race Oncology 2024 Chair's Address and AGM Presentation

---

25 November 2024 – Race Oncology Limited (“Race”) is pleased to attach a copy of the Chair’s address and Annual General Meeting (AGM) presentation to shareholders.

Dr Pete Smith, Executive Chair will provide the Chair’s address and conduct the official business of the meeting. He will then present an update to shareholders with CEO/MD, Dr Daniel Tillett. Shareholders will be invited to participate in a Q+A session with the Race Board and members of the Race management team after the presentation.

Investors wishing to attend the Annual General Meeting can find access details in the Notice of Meeting as lodged with the ASX on 23 October 2024 and available via the Company’s website at [www.raceoncology.com/investors](http://www.raceoncology.com/investors). A video recording of the AGM presentation will be released to shareholders once available.

The Race team looks forward to welcoming all those shareholders able to attend the meeting.

-ENDS-

### About Race Oncology (ASX: RAC)

Race Oncology (ASX: RAC) is an ASX-listed clinical stage biopharmaceutical company with a dedicated mission to be at the heart of cancer care.

Race’s lead asset, bisantrene, is a small molecule chemotherapeutic. Bisantrene has a rich and unique clinical history with demonstrated therapeutic benefits in both adult and paediatric patients, a well-characterised safety profile, and compelling clinical data demonstrating an anticancer effect and less cardiotoxicity over certain anthracyclines, such as doxorubicin.

Race is advancing a reformulated bisantrene (RC220) to address the high unmet needs of patients across multiple oncology indications, with a clinical focus on anthracycline combinations, where we hope to deliver cardioprotection and enhanced anti-cancer activity in solid tumours. Race is also exploring RC220 as a low-intensity treatment for acute myeloid leukaemia.

Race is investigating the effect of bisantrene on the m<sup>6</sup>A RNA pathway, following independent research published by the City of Hope identifying bisantrene as a potent inhibitor of FTO (Fat mass and obesity-associated protein). Dysregulation of the m<sup>6</sup>A RNA pathway has been described in numerous peer reviewed studies as a driver of a diverse range of cancers.

Race Oncology has collaborated with Astex, City of Hope, MD Anderson, Sheba City of Health, UNC School of Medicine, University of Wollongong and University of Newcastle, and is actively exploring partnerships, licence agreements or a commercial merger and acquisition to accelerate access to bisantrene for patients with cancer across the world.



Learn more at [www.raceoncology.com](http://www.raceoncology.com).

If you have any questions on this announcement or any past Race Oncology announcements, please go to the Interactive Announcements page in our Investor Hub <https://announcements.raceoncology.com>

*Race encourages all investors to go paperless by registering their details with the Company's share registry, Automic Registry Services, at [www.automicgroup.com.au](http://www.automicgroup.com.au).*

**Release authorised by:**

Daniel Tillett, CEO  
[info@raceoncology.com](mailto:info@raceoncology.com)

**Media contact:**

Jane Lowe +61 411 117 774  
[jane.lowe@irdepartment.com.au](mailto:jane.lowe@irdepartment.com.au)

25 November 2024

### **Chair's Address – Race Oncology 2024 AGM**

Good afternoon and welcome to Race Oncology's Annual General Meeting for the 2024 financial year.

Joining me on stage from the Race Board today are: Managing Director and CEO, Dr Daniel Tillett and Non-Executive Director, Dr Serge Scrofani and our Company Secretary, Mr Peter Webse.

Turning to this past financial year – FY24 has been one of important progress for Race, as we move closer to taking our new RC220 bisantrene formulation to patients for the first time building on our past success with bisantrene.

This steadfast focus on advancing RC220 to the clinic saw us achieve several significant milestones. These included completing manufacturing to Good Manufacturing Practice or GMP standards, concluding our required toxicology and safety pharmacology studies conducted under Good Laboratory Practice or GLP standards, as well as selecting our Contract Research Organisation, George Clinical to support our upcoming Phase 1a/1b trial of RC220.

Each of these activities required a huge effort from the entire Race team and are all extremely significant in their own right, and sets us up strongly for the next stage of our RC220 clinical program. All of this work has been conducted at a standard beyond that required to conduct a Phase I trial in Australia and will enable the same data to be used to support an Investigational New Drug application in the US next year. Although we don't need to file an IND to support the Phase 1 trial, it will give us the flexibility to support future trials in the US as well as sending a strong quality signal to any potential partner, be they US based, or elsewhere.

We continued our board renewal process and in September announced the retirement of Mary Harney as Non-Executive Chair and Phil Lynch as Non-Executive Director. We owe a great debt of gratitude to both Mary and Phil for their meaningful tenures at Race. The company grew and strengthened substantially through their many years of involvement, and I personally enjoyed working with them both immensely.

Following Mary's retirement, I was pleased to step into the position of Executive Chair, with my conviction in the company solidified, having served on the Board for the previous 15 months. In parallel, Dr Daniel Tillett moved from Chief Executive Officer to Chief Executive Officer and Managing Director, a reflection of the integral role he plays for Race and of his deep understanding and enthusiasm for the opportunities bisantrene presents.

The other important piece to the board renewal strategy was the appointment of Dr Serge Scrofani as an Independent Non-Executive Director. Serge has had a stellar career both academically and in industry, most notably at CSL where he had senior roles in strategy and business development. Already in his short time on the board, Serge has made a substantial impact, bringing deep insights in business strategy and commercialisation. I look forward to continuing to work closely with Serge in the months ahead as we focus on the significant commercial opportunity ahead of us.

In 2024 we focused on strengthening our Scientific and Clinical Advisory Boards and were delighted to welcome Associate Professor Erin Howden of the Baker Heart and Diabetes Institute. Associate Professor Howden's work in VO2peak is extremely important given our focus in cardio-oncology.

Furthermore, we established strong relationships with some of the key scientists and clinicians who were involved in bisantrene's initial development to help us further understand the drug, including distinguished oncologist Professor Daniel Van Hoff who joined our Clinical Advisory Board. Professor Von

Hoff is exceptionally well known in the industry, having been involved in the clinical development of numerous oncology drugs, including bisantrene in the 1980s. His willingness to work with us on RC220 is indicative of his undiminished enthusiasm for the molecule and he has already made numerous contributions to our thinking and clinical plans.

While we were preparing RC220 for the upcoming clinical studies, we announced a series of impressive preclinical results that reinforced the unique properties of bisantrene, owing to its anticancer and cardioprotective properties.

Preclinical work performed at Oncolines BV showed bisantrene's potent cancer-killing activity in 113/143 human cancer cell lines that represented a broad cross-section of the most common haematological (blood/liquid) and solid organ cancers. When used in combination, bisantrene improved the cancer-killing activities of doxorubicin, an anthracycline chemotherapeutic and one of the most widely used anticancer drugs, with more than 20 million doses provided to patients around the world each year.

In a similar study, bisantrene, in combination with decitabine displayed enhanced cancer-killing activity across the same broad panel of 143 cancer cell lines. Another very promising result.

Furthermore, additional preclinical work showed that bisantrene, as a single agent treatment, was found to be effective against human multiple myeloma in a mouse model and which would support future evaluation of bisantrene and carfilzomib combination as a potentially more effective treatment for multiple myeloma.

We were pleased to announce that the RC110 bisantrene Phase 1b/2, the investigator-sponsored trial led by Professor Arnon Nagler at the Chaim Sheba Medical Centre in Israel, had concluded having met its endpoints. Results showed that 40% of the patients with relapsed or refractory acute myeloid leukaemia (AML) in the Phase 2 efficacy stage responded to RC110 bisantrene in combination with clofarabine and fludarabine. Although the study focused on the original RC110 formulation, the results have stimulated further clinician interest in taking the drug forward in new AML trials. We are still discussing future clinical trials with an Australian investigator in the AML field and will update our shareholders when we received a formal request for support.

I am incredibly proud of the Race team's accomplishments over the past year. Their dedication to advancing bisantrene to the next stage remains unwavering, and we are all excited about the journey ahead.

The team has worked tirelessly to complete all regulatory paperwork required for human ethics submission for our RC220 Phase 1a/b trial in solid tumours. The next step is the submission of to the first human ethics committee in the near term. This will be a major milestone for us all!

At the foundation of all our efforts is the support of prominent medical institutions and respected experts in the fields of oncology and cardio-oncology. We remain committed to collaborating closely with them to advance our commercialisation objectives.

In conclusion, I want to express my gratitude to the entire Race team for their dedication to driving this company forward. Having been involved in many companies over the years I can say that the level of commitment, engagement and innovation in this team is exceptional, and it is a great pleasure to be working at Race. We are united by a shared mission to make a difference in the lives of cancer patients, wherever they may be, while creating value for our shareholders.

We will now proceed with the formal business of the meeting.

Thank you.

November 2024



# AT THE HEART OF CANCER CARE

2024 Annual General Meeting

ASX: RAC | RACE ONCOLOGY LIMITED | ABN 61 149 318 749

# Important Notice and Disclaimer

The material in this presentation has been prepared by Race Oncology Limited (ACN 149 318 749) (Company).

## THIS IS NOT A PROSPECTUS

This presentation is not a prospectus, product disclosure statement or disclosure document for the purposes of the Corporations Act 2001 (Cth) (Corporations Act). It has not been lodged with the Australian Securities and Investments Commission, or otherwise.

Statements in this presentation are made only as of the date of this presentation unless otherwise stated and the information in this presentation remains subject to change without notice. No representation or warranty, express or implied, is made as to the fairness, accuracy or completeness of the information, opinions and conclusions contained in this presentation or any other information the Company or any other person otherwise provides to you.

This presentation does not constitute an offer to sell, or a solicitation of an offer to buy, securities in the United States. Any securities described in this presentation have not been, and will not be, registered under the US Securities Act of 1933, as amended (Securities Act) or the securities laws of any state or other jurisdiction of the United States and may not be offered or sold in the United States except in transactions exempt from, or not subject to, registration under the Securities Act and applicable US state securities laws. This presentation may not be released to US wire services or distributed in the United States. The distribution of this presentation in other jurisdictions outside Australia may also be restricted by law and any such restrictions should be observed.

## NOT FINANCIAL PRODUCT ADVICE

No attempt has been made to independently verify the information contained in this presentation. The information in this presentation is of a general nature and does not constitute financial product advice, investment advice or any recommendation. Nothing in this presentation constitutes legal, financial, tax or other advice. The information in this presentation does not take into account your particular investment objectives, financial situation or needs, or those of any other person. You should make your own assessment of an investment in the Company and should not rely on this presentation. In all cases, you should conduct your own investigations and analysis of the financial condition, assets and liabilities, financial position and performance, profits and losses, prospects and business affairs of the Company and its business, and the contents of this presentation. You should seek legal, financial, tax and other advice appropriate to your jurisdiction.

## THIS PRESENTATION DOES NOT CONSTITUTE AN OFFER OR ADVERTISEMENT

This presentation does not constitute an invitation, offer or recommendation to apply for or purchase Shares and does not contain any application form for Shares. This presentation does not constitute an advertisement for an offer or proposed offer of Shares.

## NO LIABILITY

The Company has prepared this presentation based on information available to it at the time of preparation, from sources believed to be reliable and subject to the qualifications in this presentation. No representation or warranty, express or implied, is made as to the fairness, accuracy, completeness or correctness of the information, opinions and conclusions contained in this presentation. To the maximum extent permitted by law, none of the Company or its subsidiaries or affiliates or the directors, employees, agents, representatives or advisers of any such party, nor any other person accepts any liability for any loss arising from the use of this presentation or its contents or otherwise arising in connection with it, including without limitation, any liability arising from fault or negligence on the part of the Company or its subsidiaries or affiliates or the directors, employees, agents, representatives or advisers of any such party.

## FORWARD-LOOKING STATEMENTS

This presentation may contain forward-looking statements that are subject to risk factors associated with an oncology company. Forward looking statements can be identified by the use of forward-looking terminology, including, without limitation, the terms “believes”, “estimates”, “anticipates”, “expects”, “predicts”, “intends”, “plans”, “goals”, “targets”, “aims”, “outlook”, “guidance”, “forecasts”, “may”, “will”, “would”, “could” or “should” or, in each case, their negative or other variations or comparable terminology. These forward-looking statements include all matters that are not historical facts. By their nature, forward-looking statements involve known and unknown risks, uncertainties and other factors because they relate to events and depend on circumstances that may or may not occur in the future and may be beyond the Company’s ability to control or predict which may cause the actual results or performance of the Company to be materially different from the results or performance expressed or implied by such forward-looking statements. Forward looking statements are based on assumptions and are not guarantees or predictions of future performance. No representation is made that any of these statements or projections will come to pass or that any forecast result will be achieved, nor as to their accuracy, completeness or correctness. Similarly, no representation is given that the assumptions upon which forward looking statements may be based are reasonable.

# Corporate snapshot

Race Oncology is an ASX-listed, clinical stage biopharmaceutical company with a dedicated mission to be at the heart of cancer care.

## Key Data

|                       |                          |
|-----------------------|--------------------------|
| ASX code              | RAC                      |
| Share price           | \$1.45 <sup>1</sup>      |
| Market capitalisation | \$251.88m <sup>1</sup>   |
| Cash at bank          | \$14.62m <sup>2</sup>    |
| Debt                  | Nil                      |
| Enterprise value      | \$237.26m <sup>1</sup>   |
| Shares on issue       | 173,712,723 <sup>1</sup> |
| Options on issue      | 33,087,248 <sup>1</sup>  |

1. As at 22 November 2024
2. As at 30 September 2024

## Race 12-month trading history



## Current Options

On 22 November 2023, Race issued a 1 for 20 bonus and piggyback option series to existing shareholders. The conversion of bonus options (\$0.75) raised \$5m and **the 19.9m piggyback options (\$1.25) could raise an additional \$25m before expiry 29 May 2026**

# Race Oncology Board



**Dr Daniel Tillett PhD**  
Managing Director / CEO

- Former CSO and Executive Director of Race Oncology (2019-2023)
- Responsible for development of RC220 & cardioprotection discoveries
- >25 years of biotech management experience (Nucleics)
- Largest Race Oncology shareholder (>10%)



**Dr Peter Smith PhD**  
Executive Chair

- >30 years' experience in healthcare with focus on therapeutics / oncology
- Non-Executive Director at MycRx, and Founder and CEO of Amala.
- Former top-rated pharma analyst with UBS and HSBC



**Dr Serge Scrofani PhD MBA**  
Non-Executive Director

- >28 years' experience in healthcare including research, strategy, licensing, M&A
- Principal at Poplar Advisory Pty Ltd, Executive Director at FinCap Pty Ltd, Non-Executive Director at Burnet Institute & The Centre for Eye Research Australia
- Former Vice President of Strategy & Corporate Development at CSL.



# Race Oncology Management Team



**Dr Daniel Tillett PhD**  
Managing Director / CEO

- Former CSO and Executive Director of Race Oncology (2019-2023)
- Responsible for development of RC220 & cardioprotection discoveries
- >25 years of biotech management experience (Nucleics)
- Largest Race Oncology shareholder (>10%)



**Dr Michelle Rashford MBBS**  
Chief Medical Officer

- Former physician, with >25 years expertise in the successful development and commercialization of pharmaceuticals across oncology, virology, and immunology
- Former Head of Global Clinical Sciences with Kyowa Kirin, 5 years BMS and 20 years with Roche



**Dr Sophia Moscovis PhD**  
Vice President  
of Operations & Strategy

- >20 years experience in healthcare with >10 years in the pharmaceutical industry
- PhD in Immunogenetics and Graduate Member of the AICD
- >10 years with Novartis across a range of areas including cardiology and business transformation



**Prof Michael Kelso PhD**  
Vice President of Research

- Internationally experienced researcher, with >25 years R&D experience across a wide range of areas in medicinal chemistry, incl. oncology, antimicrobial drug development and drug formulation
- 69 scientific research papers, 7 patents and 18 grants achieved



**Dr Marinella Messina PhD**  
Vice President  
of Clinical Development

- Highly experienced oncology clinical trials specialist, having managed a wide range of clinical trials over >10 years, across all development phases (I, II, III and IV)
- Former Noxopharm Clinical Operations Manager and Clinical Program Manager



# Race Oncology Team



**Dr Feroz Ahmad PhD**  
Senior Scientist II

- >8 years of preclinical research experience in cardiovascular and cardio-oncology fields, within industry and academia.
- Specialises in managing preclinical pharmacology and toxicology studies in GLP and non-GLP environments.
- PhD in Cardiovascular Medicine from the University of Reading (UK).



**Dr Rodney Cusack PhD MBA**  
Senior Scientist IV

- >20 years experience in drug development within Australian biotech companies and Universities.
- Formerly Director of Human Drug Development at QBiotics and CEO of Cytomatrix.
- Strong experience in translational oncology programs targeting US FDA approval.



**Sharon Sampath MScMed**  
Clinical Project Manager I

- >6 years experience in setup and management of phase I – III pharmaceutical, complementary medicine & medical device clinical trials across various indications including oncology.
- B.Eng (Chemical & Biomolecular), MScMed (Pharmaceutical & Medical Device Development) from the University of Sydney.



**Michelle Huh MHP**  
Clinical Research Associate IV

- >10 years experience managing phase II, III, and IV oncology clinical trials at Westmead Hospital and Northern Cancer Institute.
- Clinical pharmacist with a B. Pharm, Dip. Clin Pharm, M. Health Policy, University of Sydney.
- Examiner for the Pharmacy Board of Australia.



**Dr Peter Cuthbertson PhD**  
Scientist III

- > 2 years of preclinical research experience in oncology
- Flow cytometry and assay development expert
- PhD in Immunology/Cell Signaling from the University of Wollongong



**Emily Ryan BMedBiotech**  
Associate Scientist III

- > 2 years of preclinical research experience in oncology and formulation development.
- Specialises in cell and molecular biology techniques.
- B. Med Biotech (Hons) (Dean'sSchol) from the University of Wollongong.



# 2024 – a year of significant progress

Preparing for our RC220 clinical trial; funded our planned programs, driving value for patients and shareholders

## March 2024

Associate Professor Erin Howden appointed to the Race Scientific Advisory Board

Brendan Brown appointed CFO

## March 2024

RC220 manufactured to cGMP meeting the quality specifications required for human use

## June 2024

FDA grants RC220: Orphan Drug Designation. Rare Paediatric Disease Designation for paediatric AML

## June 2024

Identifying bisantrene as effective against human multiple myeloma in a mouse model

## June 2024

George Clinical appointed to support clinical development of RC220

## June 2024

Race completes the GLP safety & toxicology studies for RC220

## June 2024

Shareholders support Race's program and raise \$5m via bonus option issue (84% take-up) with up to \$25m to be raised via piggyback options in 2026.

## July 2024

July 2024, Race appoints distinguished oncologist Professor Daniel Von Hoff to the Race Clinical Advisory Board

## July 2024

Phase 1b/2 AML trial successfully concluded at the Chaim Sheba Medical Centre meeting prespecified endpoints for success

## September 2024

Dr Serge Scrofani joins the Board as Non-Executive, Dr Pete Smith appointed Executive Chairman & Dr Daniel Tillett appointed Managing Director

Mary Harney and Phil Lynch retire from the Board

## November 2024

Race discovers 39 novel FTO inhibitor fragments which provide a platform for the development of novel and patentable molecules with the potential to become new drugs specifically targeting the m<sup>6</sup>A RNA epigenetic pathway.

## 2024

Determined cardioprotective mechanism of action

**Findings yet to be announced, but significant implications for Race**

# Ageing

---

Chemotherapy acceleration of  
ageing

# Chemotherapy & accelerated ageing

“the increase in molecular age caused by chemotherapy was on average the same as 10–15 years of chronological ageing,”

## CHEMOTHERAPY

### Life gained, years lost?

New data demonstrate that chemotherapy causes a rapid increase in molecular markers of cellular senescence. Although mostly indicative of ageing of the haematopoietic system, these results indicate that molecular ageing might explain some of the delayed adverse events linked to cancer therapy.

The new data show that, in particular, levels of p16<sup>INK4</sup> mRNA, a key marker of senescence, increased by 75% in peripheral T cells from 33 patients with breast cancer after adjuvant chemotherapy. According to previously reported rates of change in p16<sup>INK4</sup> expression with ageing “the increase in molecular age caused by chemotherapy was on average the same as 10–15 years of chronological ageing,” says Norman Sharpless, one of the leaders of the study.

“It seems this increase in molecular age persists for several years (if not forever),” continues Sharpless. In a retrospective cohort of 176 patients treated up to 18.8 years prior to analysis, chemotherapy increased molecular age by the equivalent of 10.4 years of chronological ageing compared with patients not exposed to chemotherapy.

Although most patients showed some increase in molecular ageing after chemotherapy, the effect size was highly variable. Thus, “a patient’s molecular age might predict toxicity from a planned therapy,” claims Sharpless “as patients who are physiologically older might exhibit more severe toxicity or disease than those who are physiologically younger, but have the same chronological age.”

Quantification of molecular ageing could also be important to discern the long-term effects of various chemotherapy regimens, thus potentially leading to improved treatment approaches. “It is very important to note, however, that chemotherapy can cure breast cancer, and the cost of increased molecular ageing is likely worth the benefit of an increased rate of cancer cure,” Sharpless concludes.

*David Killock*

**Original article** Sanoff, H. K. et al. Effect of cytotoxic chemotherapy on markers of molecular age in patients with breast cancer. *J. Natl Cancer Inst.* doi:10.1093/jnci/dju057

# Bisantrene & accelerated ageing

Genotoxic chemotherapies like anthracyclines cause extensive cellular damage and accelerates the ageing of all tissues and organs by 10 to 15 years

Anthracycline cardiotoxicity is simply one aspect of the accelerated ageing caused by chemotherapy

Mechanism of action studies suggest bisantrene may reduce chemotherapy accelerated ageing in all organs, not just the heart

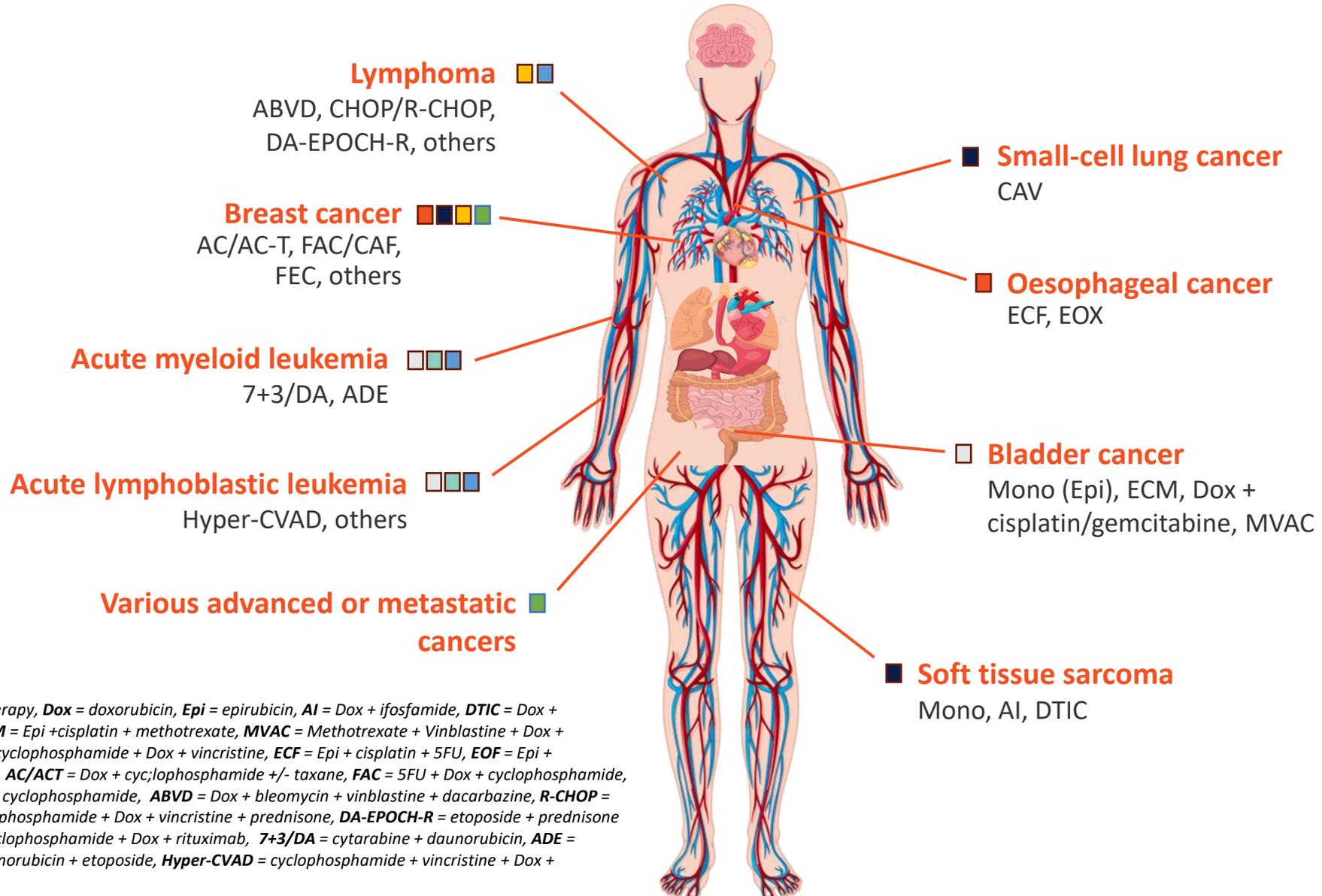


# Anthracyclines

---

Effective & enduring cancer drugs

# Anthracyclines continue to be widely used



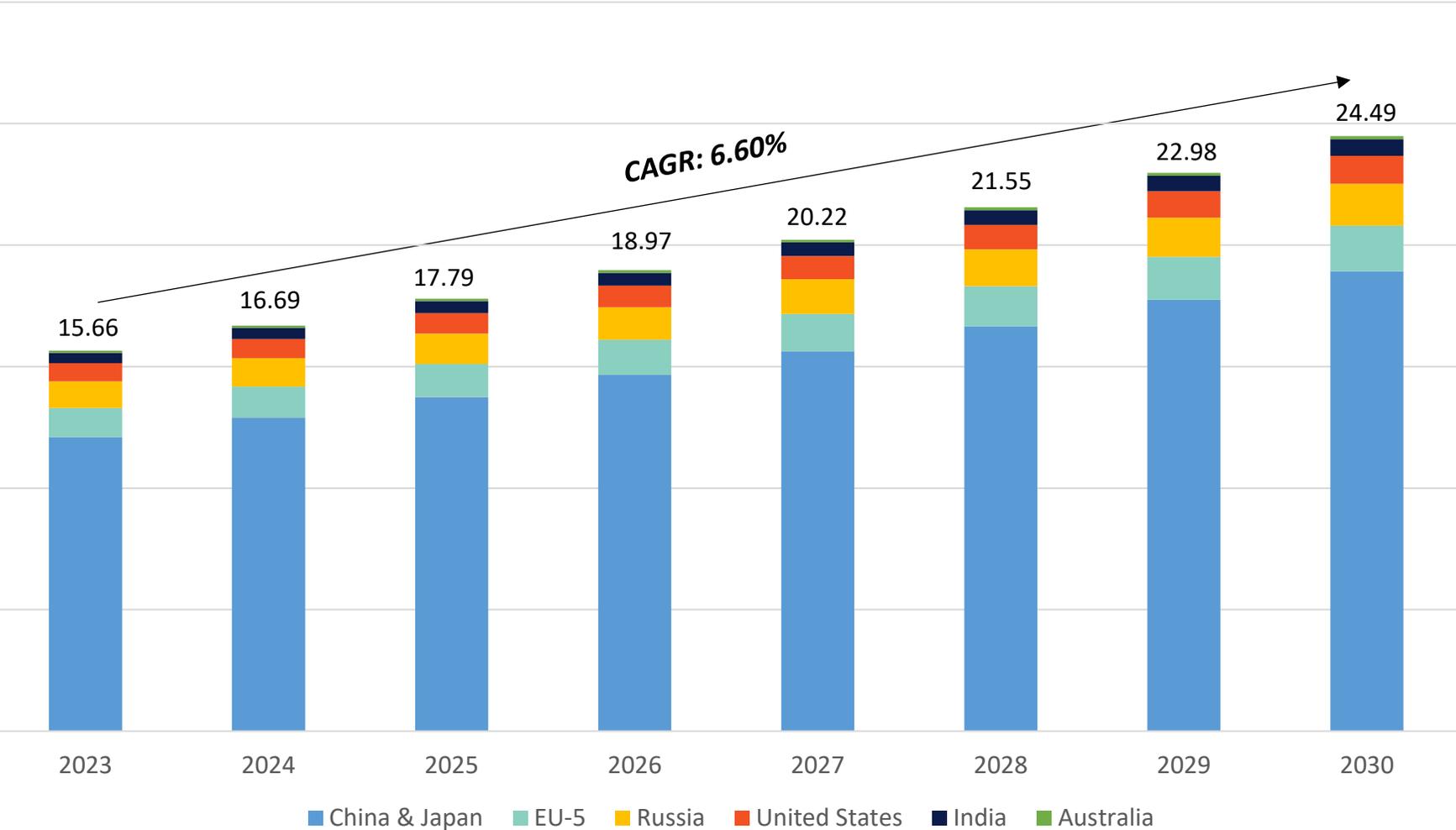
**Mono** = monotherapy, **Dox** = doxorubicin, **Epi** = epirubicin, **AI** = Dox + ifosfamide, **DTIC** = Dox + dacarbazine, **ECM** = Epi + cisplatin + methotrexate, **MVAC** = Methotrexate + Vinblastine + Dox + Cisplatin, **CAV** = cyclophosphamide + Dox + vincristine, **ECF** = Epi + cisplatin + 5FU, **EOF** = Epi + oxaliplatin + 5FU, **AC/ACT** = Dox + cyclophosphamide +/- taxane, **FAC** = 5FU + Dox + cyclophosphamide, **FEC** = 5FU + Epi + cyclophosphamide, **ABVD** = Dox + bleomycin + vinblastine + dacarbazine, **R-CHOP** = rituximab + cyclophosphamide + Dox + vincristine + prednisone, **DA-EPOCH-R** = etoposide + prednisone + vincristine + cyclophosphamide + Dox + rituximab, **7+3/DA** = cytarabine + daunorubicin, **ADE** = cytarabine + daunorubicin + etoposide, **Hyper-CVAD** = cyclophosphamide + vincristine + Dox + dexamethasone

## Legend: therapy types

- Neoadjuvant ■
- Induction ■
- Consolidation ■
- Adjuvant ■
- Combination chemotherapy ■
- Maintenance ■
- Palliative ■

# Anthracycline use is growing<sup>1, 2, 3</sup>

Estimated number of anthracycline doses used per year<sup>1</sup>

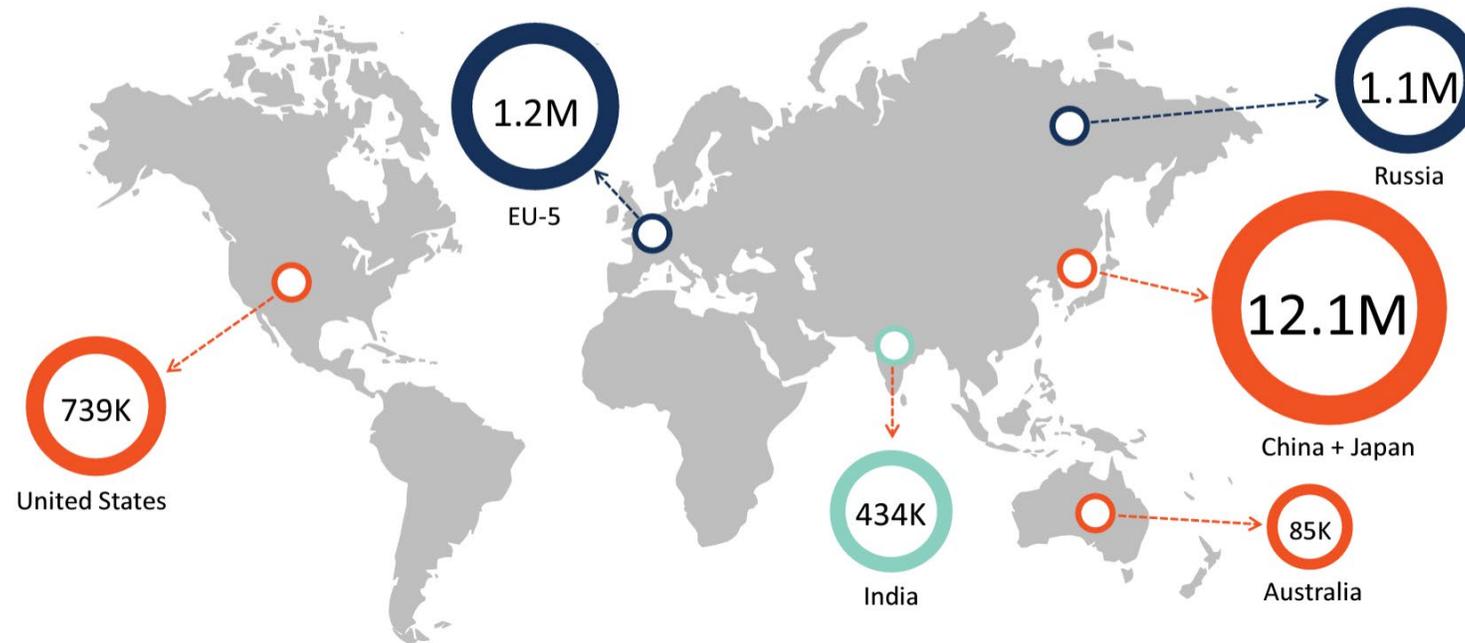


- According to Data Bridge Market Research, global anthracycline usage is expected to increase by a CAGR of 6.60% between 2023 and 2030

1. IQVIA MIDAS AUDITED US VOLUME Anthracycline Data, Triangle Insights (ASX Announcement, slide 16: 14 April 2023)  
 2. Daunorubicin, doxorubicin, liposomal doxorubicin (Doxil), epirubicin, idarubicin, mitoxantrone, and valrubicin  
 3. Triangle Insights (ASX Announcement: 14 April 2023)

# Global anthracycline use<sup>1</sup>

## Global anthracycline usage<sup>1</sup>



1. Estimated number of anthracycline doses used per year – Triangle Insights (ASX Announcement: 14 April 2023)  
 2. daunorubicin, doxorubicin, liposomal doxorubicin (Doxil), epirubicin, idarubicin, mitoxantrone, and valrubicin  
 3.. Triangle Insights (ASX Announcement: 14 April 2023)

## FDA on label use<sup>2, 3</sup>

## Off label use<sup>2, 3</sup>

|                               |                        |                                  |
|-------------------------------|------------------------|----------------------------------|
| Acute lymphocytic leukemia    | Ewing sarcoma          | Advanced Endometrial Cancer      |
| Acute nonlymphocytic leukemia | Soft tissue sarcoma    | Uterine Sarcoma                  |
| Acute myelogenous leukemia    | Bone sarcoma           | Metastatic Hepatocellular Cancer |
| Hodgkin's lymphoma            | Thyroid sarcoma        | Advanced Renal Cell Carcinoma    |
| Non-Hodgkin's lymphoma        | Neuroblastoma          | Thymomas & Thymic Malignancies   |
| Bladder cancer                | Wilms tumor            | Waldenstrom Macroglobulinemia    |
| Breast cancer                 | Small cell lung cancer |                                  |
| Ovarian cancer                | Gastric carcinoma      |                                  |
| Osteogenic sarcoma            | Bronchogenic carcinoma |                                  |
| AIDS-related Kaposi's sarcoma | Prostate cancer        |                                  |
|                               | Multiple myeloma       |                                  |

# RC220 Bisantrene

---

Building on the clinical legacy of bisantrene

# Bisantrene's history of clinical success

## Breast cancer<sup>1</sup>

471 patients across 9 Phase 2 & 3 clinical trials

Less toxic than standard-of-care doxorubicin

- reduced myelosuppression
- reduced alopecia (hair loss)
- no cardiac failures

**Phase 3.** Overall patient survival greater in bisantrene treated patients (HR 0.92 95%CI = 0.7-1.21)

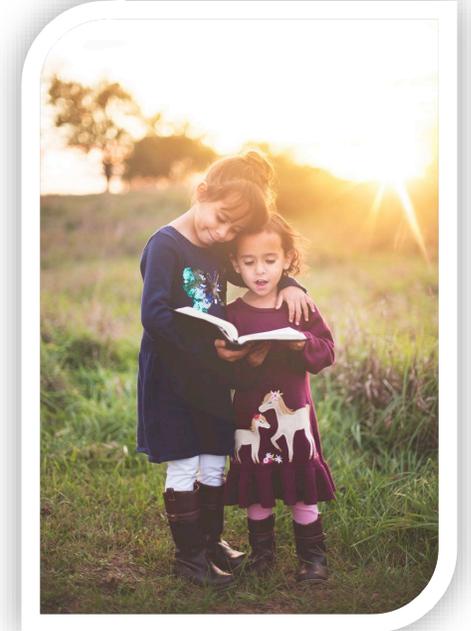
1. Cowan, J. D. et al. . Natl. Cancer Inst. 83, 1077–1084 (1991)

## Acute Myeloid Leukaemia

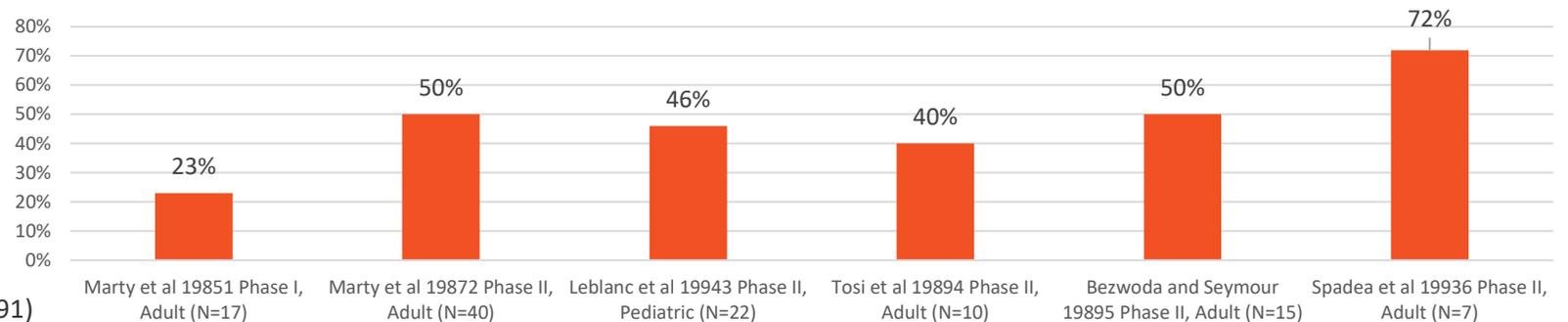
Approved in France in 1988, but Lederle (Pfizer) ended commercial development of bisantrene due to solubility issues

Complete response rates above 40% as a salvage agent for Acute Myeloid Leukaemia (AML)

Bisantrene cured two French girls with r/rAML in the 1980 & 90s. Both women are alive today and have their own families



Complete responses with bisantrene in paediatric and adult Acute Myeloid Leukaemia patients



# RC220 - Building on bisantrene's history

## Race has...

- Created RC220, a **new formulation** of bisantrene which is more soluble and can be delivered intravenously <sup>1</sup>
- RC220 **preserves the PK/PD** properties of the earlier clinically validated formulations of bisantrene
- Created **new intellectual property** with a long lifespan (20 years)
- Leveraged new science to understand bisantrene's **anticancer** and **cardioprotective** mechanism of action <sup>2</sup>
- Built on the >1,500 patients' worth of clinical data across a broad range of cancer indications, and generated **new Phase 2 clinical data in AML**
- RC220 is a new drug product, requiring a full non-clinical toxicology & safety data package – **delivered in June 2024** <sup>3</sup>



**RC220 is a clinically and commercially attractive formulation with long IP life**

# Bisantrene market potential – world

Annual revenue generic  
doxorubicin - 2023<sup>1</sup>



USD\$100 base price/cycle for 4 cycles

Annual revenue bisantrene  
cardioprotection + anticancer<sup>2</sup>



USD\$15,000 base price/cycle for 4 cycles with a 3% yearly  
net price increase after launch

Note: Forecasted revenue  
reflect a 50% reduction to the  
physician-stated adoption rate

1. <https://www.theinsightpartners.com/reports/doxorubicin-market>  
2. Triangle Insights (ASX Announcement: 14 April 2023)

# Clinical Strategy

---

Generating clinical evidence of efficacy for  
cardio & accelerated ageing protection, m<sup>6</sup>A  
RNA & anticancer activity

# Clinical pipeline

| Asset                                 | Indication   | Sponsor                            | Discovery   | IND enabling | Phase 1 | Phase 2 | Phase 3 | Next milestone(s)                                    |
|---------------------------------------|--|------------------------------------|-------------|--------------|---------|---------|---------|--|
| RC110                                 | Acute Myeloid Leukaemia  | Chaim Sheba Medical Centre, Israel | Phase 1/2   |              |         |         |         | Successfully concluded in July 2024 <sup>1</sup>     |
| RC220                                 | Cardioprotection + ageing protection + m <sup>6</sup> A RNA + anticancer efficacy - solid tumours <sup>2</sup> | Race Oncology                      | Phase 1a/b  |              |         | 2026    |         | Ethics / governance approvals<br>First patient dosed |
| RC220                                 | Acute Myeloid Leukaemia  | Investigator sponsored             | Phase 1/2   |              |         |         |         | Awaiting formal request from investigator            |
| m <sup>6</sup> A molecule development | New FTO inhibitors <sup>3</sup>  | Race Oncology                      | Preclinical |              |         |         |         | Preliminary results                                  |

1. <https://announcements.raceoncology.com/announcements/6454612>

2. <https://announcements.raceoncology.com/announcements/6429352>

3. <https://announcements.raceoncology.com/announcements/5437127>

# RC220 Phase 1a/b Trial

An 'all comers' Bayesian dose escalation Phase 1a trial of RC220 in any solid tumour patient where doxorubicin use is indicated

**Size:** 25-40 patients; up to 10 sites in Australia and internationally

**Sponsor:** Race Oncology

**Primary endpoints:** Safety & optimal Phase 2 dose determination

**Exploratory endpoints:** Standard & advanced cardiac markers including VO<sub>2</sub>peak, m<sup>6</sup>A levels, accelerate ageing & anticancer efficacy

**Start:** First patient Q1 CY2025

**Timeline:** 12-18 months due to Bayesian design uncertainty around total patient number (patient recruitment)

Cohort extension (Phase 1b) in patient sub-groups to optimise bisantrene dosage in different drug combination settings

Expands market potential of bisantrene to all cancers where anthracyclines are used

Effect of bisantrene on the m<sup>6</sup>A RNA system will be collected by using a lead-in cycle of bisantrene given 21 days prior to the first anthracycline combination dose - provides 'clean' PK/PD, m<sup>6</sup>A RNA & single-agent anticancer efficacy data

**Cost: A\$9 million (based on 40 patients)**

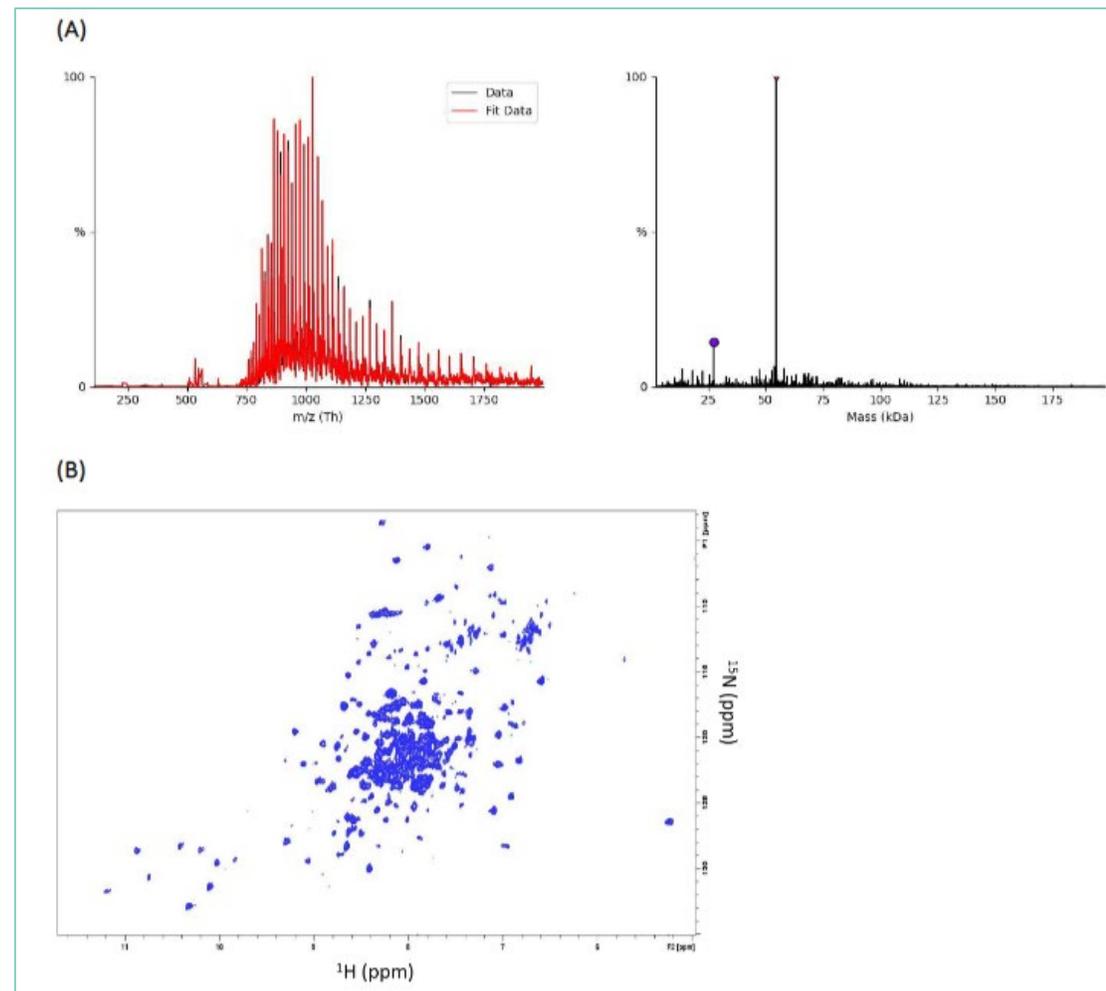
# New m<sup>6</sup>A RNA molecule development

- Race has successfully completed an FTO-targeted drug discovery program at Monash University's Fragment Platform<sup>1</sup>
- 39 unique FTO protein-binding molecules identified using state-of-the-art NMR fragment screening
- Identified compounds are confirmed FTO-binding chemical structures for the development of novel FTO targeting drugs
- Provides valuable new IP aiding the development of novel m<sup>6</sup>A RNA epigenetic pathway drugs



*"Identification of chemical 'hits' that bind to a protein target of interest is a critical step in modern drug discovery. Our successful FTO program at Monash provides Race with valuable new IP in the RNA epigenetics space, an enormously exciting area at the cutting-edge of oncology research and drug development."*

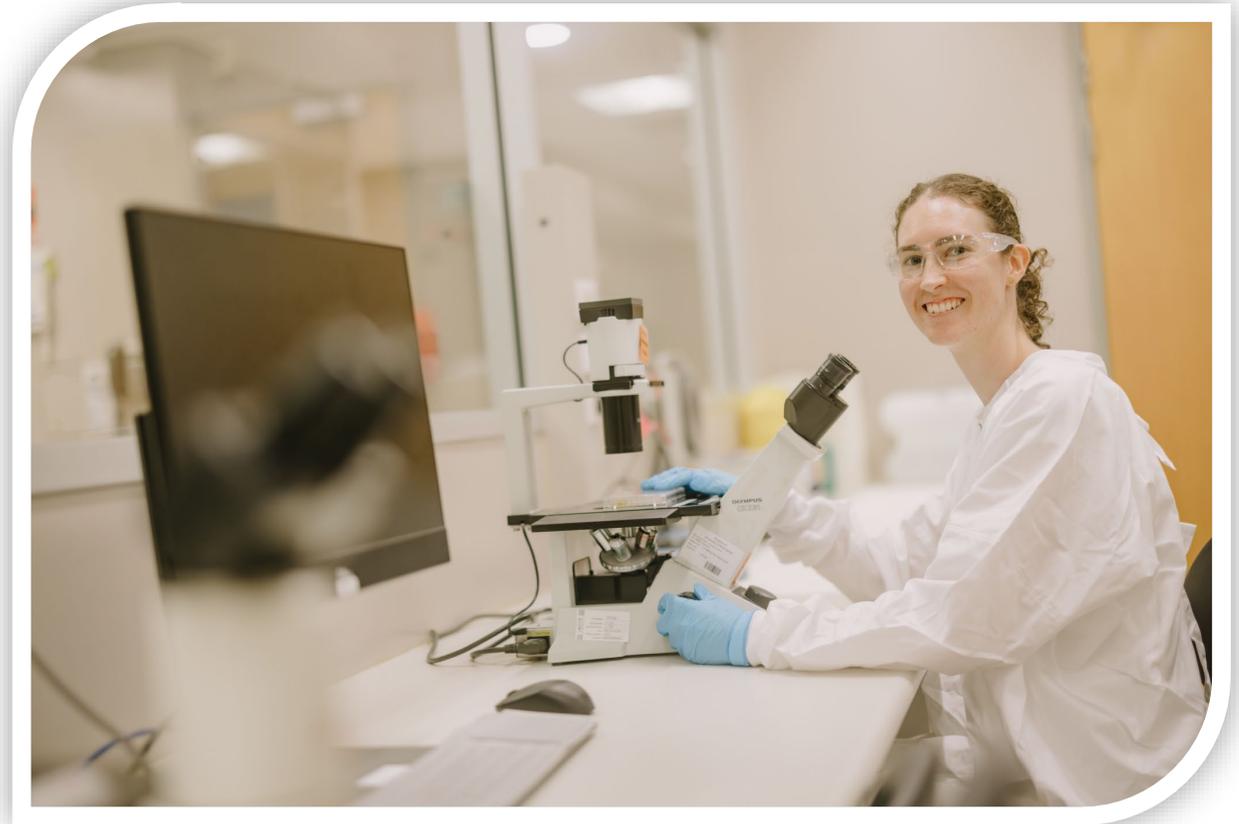
*Vice President of Research, Prof. Mike Kelso*



1. <https://announcements.raceoncology.com/announcements/6641034>

# Key highlights of Race Oncology

- ① **Bisantrene** – derisked & clinically proven anticancer drug offering ~80% chance of success - not ~3% common in oncology
- ② Solves real & significant health problem – accelerated ageing caused by chemotherapy, a rising issue due to ageing population and post-cancer longevity
- ③ Bisantrene builds on a major existing market of 20m anthracycline doses/year, potential sales >US\$5B/year
- ④ Low-cost development with an opportunity for a rapid pathway to market via the FDA accelerated approval process from Phase 2
- ⑤ Management invested with proven technical, deal & ASX track record



# Questions

---

Race Oncology

# Contact

## DANIEL TILLET

CEO/MD

 +61 2 8051 3043

 [daniel.tillett@raceoncology.com](mailto:daniel.tillett@raceoncology.com)

 [www.raceoncology.com](http://www.raceoncology.com)

## JANE LOWE

Investor & Media Relations

 +61 411 117 774

 [jane.lowe@irdepartment.com.au](mailto:jane.lowe@irdepartment.com.au)