

Chairman's 2022 AGM Address

Good morning and welcome to this year's Annual General Meeting of Cynata Therapeutics Ltd. I am Geoff Brooke, the Non-Executive Chairman, and I am joined today by Dr Ross Macdonald, the Managing Director and Chief Executive Officer of Cynata; and the Cynata Non-Executive Directors including Drs Paul Wotton, Stewart Washer, Darryl Maher, and Ms Janine Rolfe. I would also like to acknowledge our Chief Operating Officer, Dr Kilian Kelly, Chief Medical Officer, Dr Jolanta Airey, and Company Secretary, Peter Webse, who are also present with us today.

It is my pleasure to address you all today and provide an overview of Cynata's progress over the last twelve months. Following my address, I will invite Ross, Kilian, and Jolanta to provide a detailed overview of Cynata's clinical program and outlook.

The financial year was marked by unique challenges with rising interest rates, supply chain issues, and conflict in Ukraine leading to increased market volatility and risk aversion from investors, particularly impacting the biotechnology sector. Despite weakness in the equity markets, Cynata continued to advance its position and made strong progress towards its clinical and commercial goals. Highlights for the financial year include:

1. We are actively recruiting and treating patients in two clinical trials: a phase Ib in diabetic foot ulcers; and a phase 3 trial in osteoarthritis;
2. We signed a Strategic Partnership Agreement and Manufacturing Services Agreement with Fujifilm and received a US\$5m payment under that new agreement;
3. We regained development and commercialisation rights for CYP-001 for GvHD;
4. We received clearance from the US FDA for an IND application for a phase 2 trial in acute Graft Versus Host Disease, otherwise known as aGvHD;
5. We strengthened our team with the strategic hire of Dr Jolanta Airey as our Chief Medical Officer; and
6. We continued to strengthen our broad portfolio of patents and patent applications through the grant of several important patents in key jurisdictions such as the United States.

The commercial opportunity for mesenchymal stem cell (MSC) products is compelling, with a growing body of evidence substantiating their use as a therapeutic modality across a broad range of diseases representing major medical challenges. Regulatory bodies in major global markets are becoming more comfortable with cell therapies, and our own experience with the USA FDA is an example of that.

Cynata is uniquely positioned to capitalise on the advancement of MSC therapies through our proprietary Cymerus™ platform - the most advanced single donor derived MSC manufacturing technology globally. Our Cymerus technology overcomes inherent challenges associated with conventional methods of manufacturing MSCs by leveraging Nobel Prize winning induced pluripotent stem cells, or iPSCs, as a starting material. The iPSCs are used as part of the Cymerus™ MSC manufacturing process to produce virtually unlimited quantities of consistent, potent MSCs from a single donor and single donation.

In September 2021, Cynata signed a new Strategic Partnership Agreement and Manufacturing Services Agreement with Fujifilm. The new partnership allows Cynata to leverage Fujifilm's world-leading production capabilities to

produce MSC products, eventually at a commercial scale, while allowing Cynata to retain the commercial and developmental rights to our CYP-001 product for acute GvHD. Cynata also received a US\$5m payment as part of the new partnership. In light of this, we made the decision to divert resources towards pursuing a US development strategy and conducting a phase 2 trial in aGvHD in the US.

We are extremely proud that Cynata's Investigational New Drug, or IND, application for a proposed Phase 2 trial in acute GvHD was cleared by the US Food and Drug Administration, or FDA. This important achievement is a milestone for Cynata as it confirms the quality of our data package and provides a gateway into the US, which is the world's largest healthcare market.

The upcoming GvHD trial contributes to Cynata's strong clinical portfolio which includes the ongoing clinical trials in osteoarthritis, which is a phase 3 study, and trial in diabetic foot ulcers. Cynata is also progressing several other indications through partnering opportunities which exhibit large market potential and are backed by supportive preclinical data. One example of this is our recently announced collaboration with the Leiden University Medical centre for a new clinical trial investigating Cymerus MSCs as a treatment for renal graft rejection. The Leiden University is funding the conduct of the trial, providing Cynata shareholders with an additional clinical target.

We have continued to strengthen our management team with the strategic hire of Dr Jolanta Airey as Chief Medical Officer earlier in the financial year. Dr Airey brings to the role over 25 years of experience in companies such as CSL and will help drive Cynata's clinical development and commercialisation strategy. Dr Airey has already made a significant contribution in her short time with Cynata, and we look forward to continuing to leverage her insights and knowledge to monetise our portfolio.

Further, we were delighted to appoint Ms Janine Rolfe to the Cynata Board as an independent Non-Executive Director subsequent to the financial year. Ms Rolfe's extensive experience in M&A, governance and growth businesses will provide added depth to the Company at a very exciting time in our maturation.

Cynata is well placed to progress development across existing clinical programs and to drive shareholder value, with approximately \$18m in cash at the end of the most recent quarter.

On behalf of the Board, I would like to thank my fellow directors and extend my gratitude to our staff for their commitment to our Company. Our achievements this year are a testament to our exceptional team, and I am confident that they will continue to execute on our organisational goals in the coming financial year.

I would like to thank Ross and the management team for their exceptional leadership which has allowed us to make impressive operational progress despite a tumultuous market backdrop.

Finally, I would like to thank all our shareholders for their support as we continue to advance our Cymerus technology and develop scalable cellular therapeutic products to treat serious and debilitating diseases.

Dr Geoff Brooke

Cynata Chairman

-ENDS-

Authorised for release by Dr Ross Macdonald, Managing Director & CEO

CONTACTS: Dr Ross Macdonald, CEO, Cynata Therapeutics, +61 (0)412 119343, ross.macdonald@cynata.com
Lauren Nowak, Media Contact, +61 (0)400 434 299, littlebigdealconsulting@gmail.com



About Cynata Therapeutics (ASX: CYP)

Cynata Therapeutics Limited (ASX: CYP) is an Australian clinical-stage stem cell and regenerative medicine company focused on the development of therapies based on Cymerus™, a proprietary therapeutic stem cell platform technology. Cymerus™ overcomes the challenges of other production methods by using induced pluripotent stem cells (iPSCs) and a precursor cell known as mesenchymoangioblast (MCA) to achieve economic manufacture of cell therapy products, including mesenchymal stem cells (MSCs), at commercial scale without the limitation of multiple donors.

Cynata's lead product candidate CYP-001 met all clinical endpoints and demonstrated positive safety and efficacy data for the treatment of steroid-resistant acute graft-versus-host disease (GvHD) in a Phase 1 trial. Planning for a Phase 2 clinical trial in GvHD under a cleared US FDA IND is presently underway. Clinical trials of Cymerus products in osteoarthritis (Phase 3) and diabetic foot ulcers (DFU) are currently ongoing. In addition, Cynata has demonstrated utility of its Cymerus technology in preclinical models of numerous diseases, including the clinical targets mentioned above, as well as critical limb ischaemia, idiopathic pulmonary fibrosis, asthma, heart attack, sepsis, acute respiratory distress syndrome (ARDS) and cytokine release syndrome.

Cynata Therapeutics encourages all current investors to go paperless by registering their details with the designated registry service provider, Automic Group.



A Next Generation Stem Cell Therapeutics Company

AGM Presentation
22 November 2022

Authorised for release by Dr Ross Macdonald, Managing Director and CEO



Key Highlights: FY22

Clinical & Pre-clinical



Actively recruiting and treating patients in the phase 3 Osteoarthritis (OA) trial



Actively recruiting and treating patients in the Diabetic Foot Ulcers (DFU) trial



Received clearance from the FDA for IND application for phase 2 trial in aGvHD¹



New phase 1 clinical trial focused on kidney transplantation to be funded by LUMC²



Progress toward partnering clinical pipeline opportunities



Reported compelling data from preclinical studies in IPF³ and heart attack



Published papers in leading peer-reviewed journals



Planning underway for phase 2 GvHD trial in the US

Key Highlights: FY22

Commercial & Corporate



Signed a Strategic Partnership Agreement (SPA) and Manufacturing Services Agreement with Fujifilm: tech transfer advancing well



Regained development and commercialisation rights to CYP-001 for GvHD



Received payment of US\$5m as part of the SPA



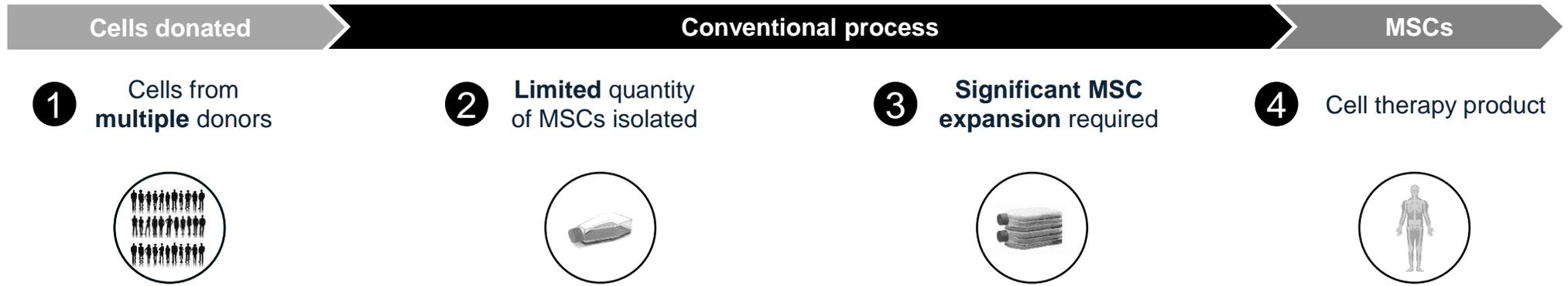
Strengthened IP portfolio, with patents granted in the US, Canada, Russia, China and Japan



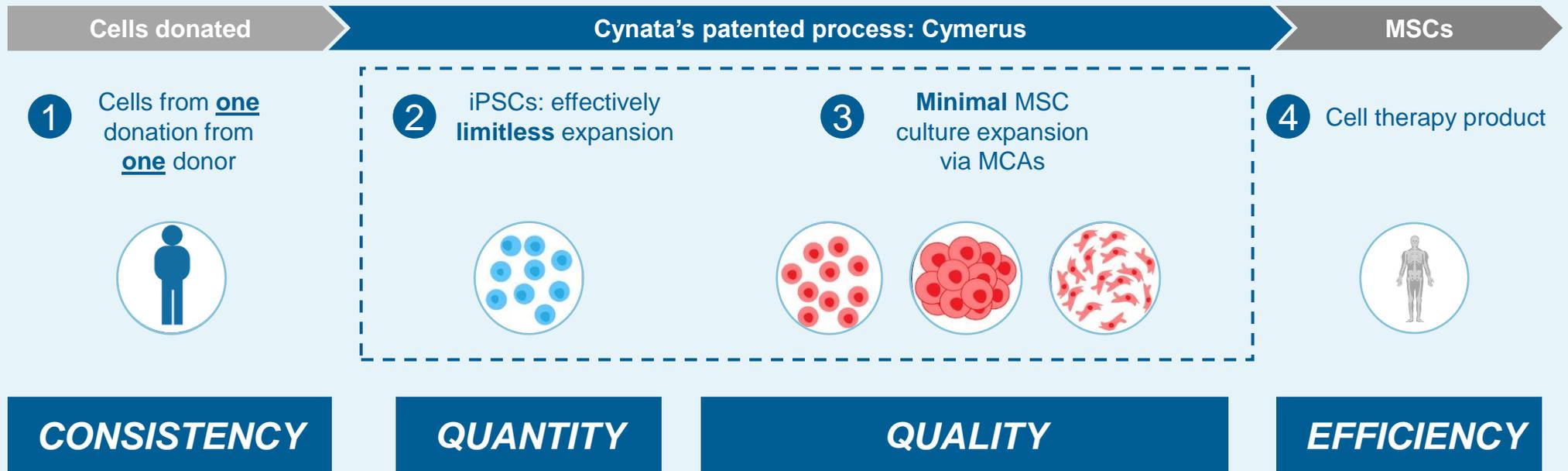
Dr Jolanta Airey appointed as Chief Medical Officer to drive Cynata's advanced clinical product pipeline

Conventional vs. Cynata's Cymerus MSC manufacturing process

Conventional Processes



Cynata's Process



Competitive strengths of the Cymerus platform

Cymerus technology elegantly addresses each of the major challenges faced by existing approaches to manufacturing MSCs, facilitating scalable and reproducible production at low cost

	 Conventional manufacture	 Cymerus platform
 Potency	Mandatory requirement to expand MSCs isolated from donors causes a dramatic reduction in potency while compromising scalability	 Expansion at the iPSC stage ensures fresh, highly potent MSCs following final differentiation step
 Consistency	Reliance on multiple donors and donations compromises product consistency while posing logistical, practical and regulatory challenges	 Same starting material for every batch
 Cost of treatment	Need for multiple/higher doses of product results in high COGS	 CYP-001 required substantially lower number of doses in aGvHD

Cynata's technology addresses FDA concerns

Cynata's Cymerus process actively addresses current inefficiencies of MSC manufacturing, de-risking clinical development in the US

Traditional MSC manufacturing is sub-optimal

Other MSC therapy (also targeting GvHD) was not approved by the FDA due to substantial functional variability between lots.

*“Substantial **functional heterogeneity** has been observed between MSC batches **derived from different donors** and **expanded using different tissue culture conditions or duration**, even though all of these batches meet the ISCT criteria for MSCs.”*

- Excerpt from **FDA ODAC Briefing** document for 13 August 2020

Cynata's technology is optimal



Consistency: No inter-donor variability as only one donor is required (single blood donation)



Scalability: Cynata can produce essentially limitless quantities of MSCs from initial donation



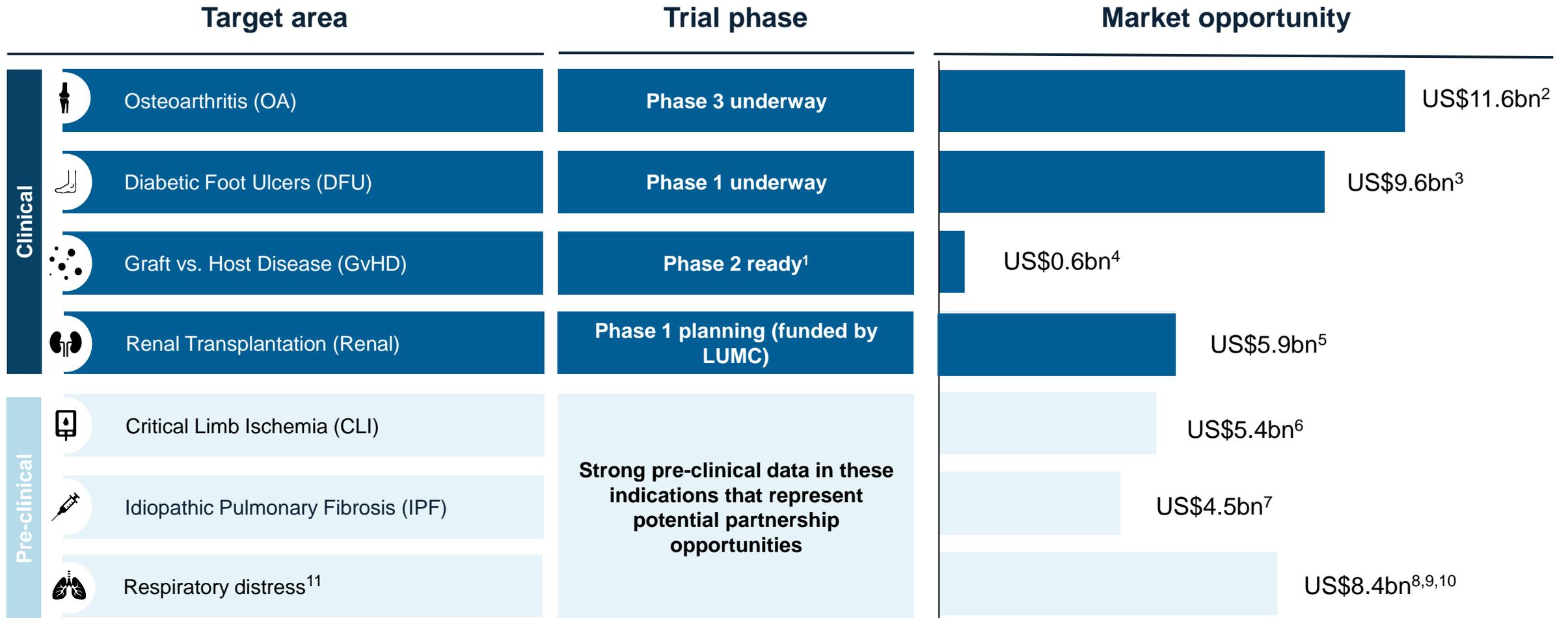
Potency: iPSC-derived manufacturing process does not require excessive culture expansion of MSCs



FDA advisory meeting observations to be leveraged to maximise chance of FDA approval

Cynata has an advanced and diverse product pipeline

Cynata is targeting attractive market opportunities across a range of indications



1. Investigational New Drug approval received from the US Food and Drug Administration to commence a Phase 2 GvHD trial 2. Persistence Market Research 2018 research report: "Osteoarthritis Treatment Market: Global Industry Analysis (2012-2016) and Forecast (2017-2025) (Reflect OA market by 2025); 3. Zion Market Research, 2019 (represents global treatment market in 2025); 4. Global Graft versus Host Disease Market 2019-2029 (Reflects forecast market in 2026); 5. Organ Transplant Immunosuppressant Drugs Market in 2026, Grand View Research, Inc., 2019; 6. Transparency Market Research, 2020 (Reflect global DFU treatment market by 2027). 7. iHealthcareAnalyst Inc, 2019 (represents global market by 2025); 8. Vasomune Therapeutics company announcement, 2018 (Reflects ARDS global market opportunity of US\$2.5bn) 9. GlobeNewswire, 2020 (Represents CRS global market opportunity of US\$0.16m in 2017) 10. GlobalData 2017 (Reflects Sepsis global market opportunity of US\$5.9bn in 2026) 11. MEND clinical trial concluded following strategic review of clinical pipeline as announced 12 August 2022

GvHD | Ground-breaking Phase 1 clinical trial results

Cynata's phase 1 GvHD trial met all safety and efficacy endpoints and broke ground by being the world's first completed clinical trial of an allogeneic iPSC-derived product

Key results¹ demonstrate safety and efficacy of Cymerus MSCs

Published in prestigious journal²

All endpoints achieved
(Day 100)



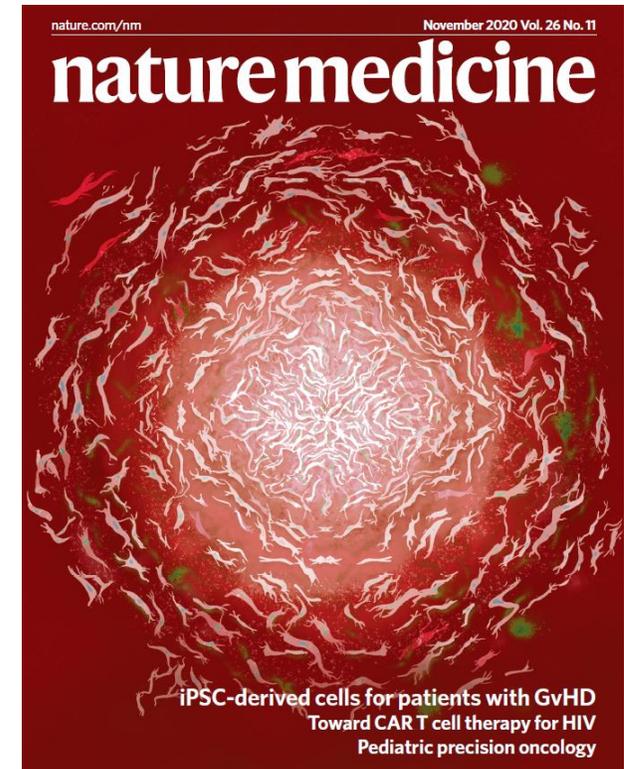
Efficacy endpoints were the **same required in a phase 3 trial**

Response rates were **higher than what we expect would be required in phase 3** (to support marketing approval)

Outstanding follow-up results
(Two year)



Nature medicine is the preeminent peer-reviewed medical journal worldwide

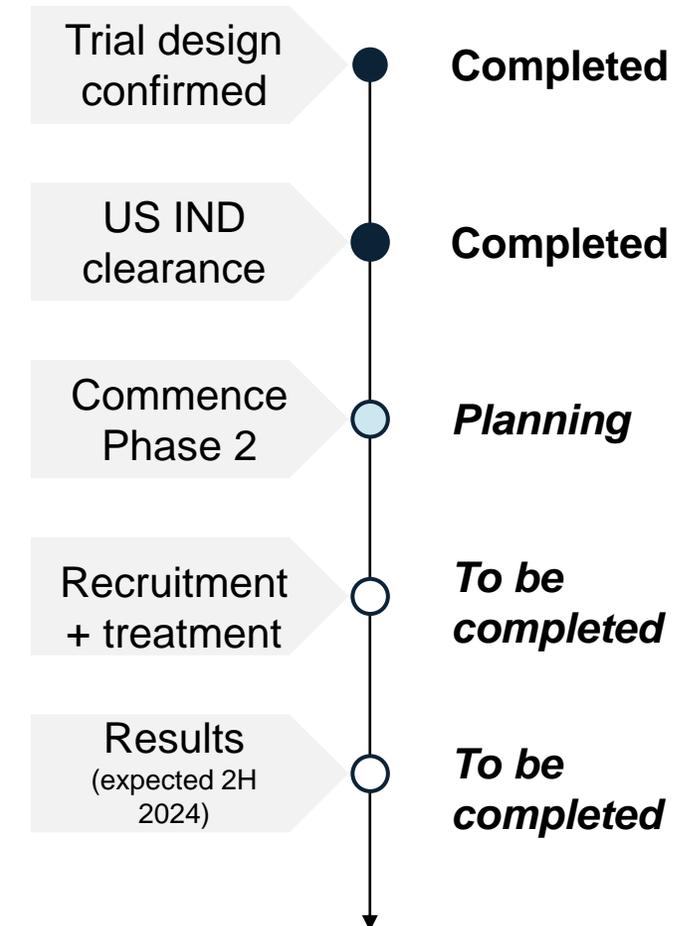


aGvHD | Phase 2 clinical trial in aGvHD

With a cleared IND from the FDA Cynata expects to commence a clinical trial in acute GvHD by early 2023

 aGvHD	<ul style="list-style-type: none">• Acute Graft vs Host Disease (aGvHD) remains a common complication of allogeneic hematopoietic stem cell transplants (e.g., bone marrow transplants) when the donor's immune cells (from the "graft") attack the recipient of the transplant (the "host").
 Unmet medical need	<ul style="list-style-type: none">• The only first line treatment is corticosteroids, which is only effective in ~50% of patients• Patients who fail current treatments face mortality rates in excess of 90%
 Validated by Phase 1 results	<ul style="list-style-type: none">• Cynata's phase 1 GvHD trial met all safety and efficacy endpoints and broke ground by being the world's first completed clinical trial of an allogeneic iPSC-derived product
 US FDA approval	<ul style="list-style-type: none">• US Food and Drug Administration (FDA) has cleared Cynata's Investigational New Drug (IND) application for a phase 2 clinical trial of CYP-001 in aGvHD
 Trial design	<ul style="list-style-type: none">▪ Proposed trial will seek to recruit ~60 patients with high risk aGvHD at clinical centres in a number of countries, including US and Australia▪ Final start-up activities underway in concert with CRO IQVIA

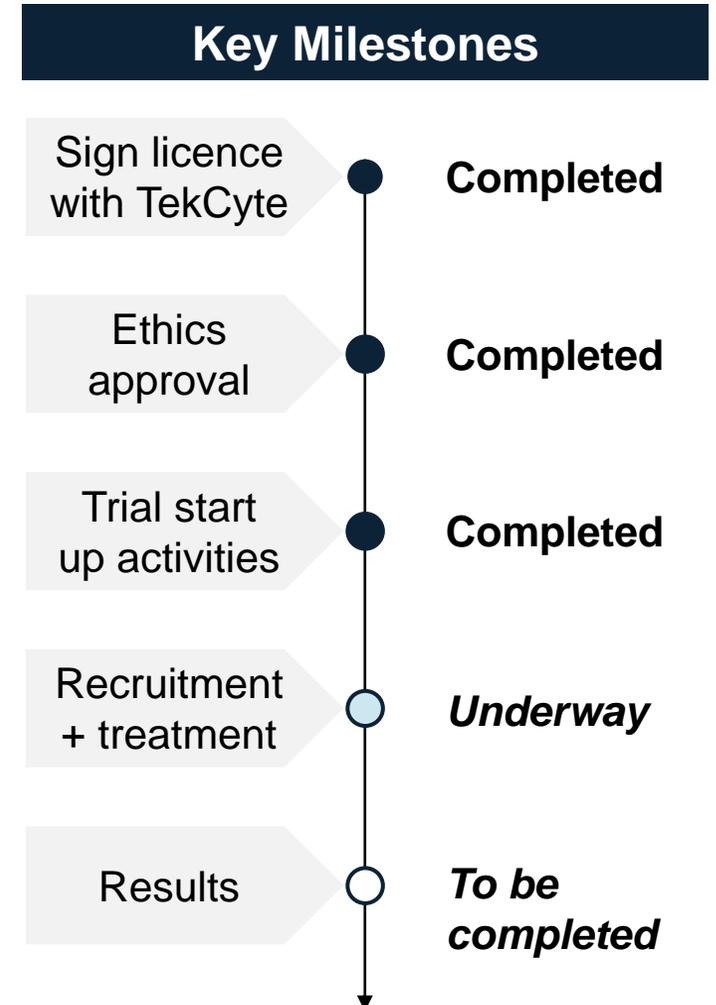
Key Milestones



DFU | Phase 1 clinical trial update

Enrolment opened in December 2021 with completion expected in 1H23

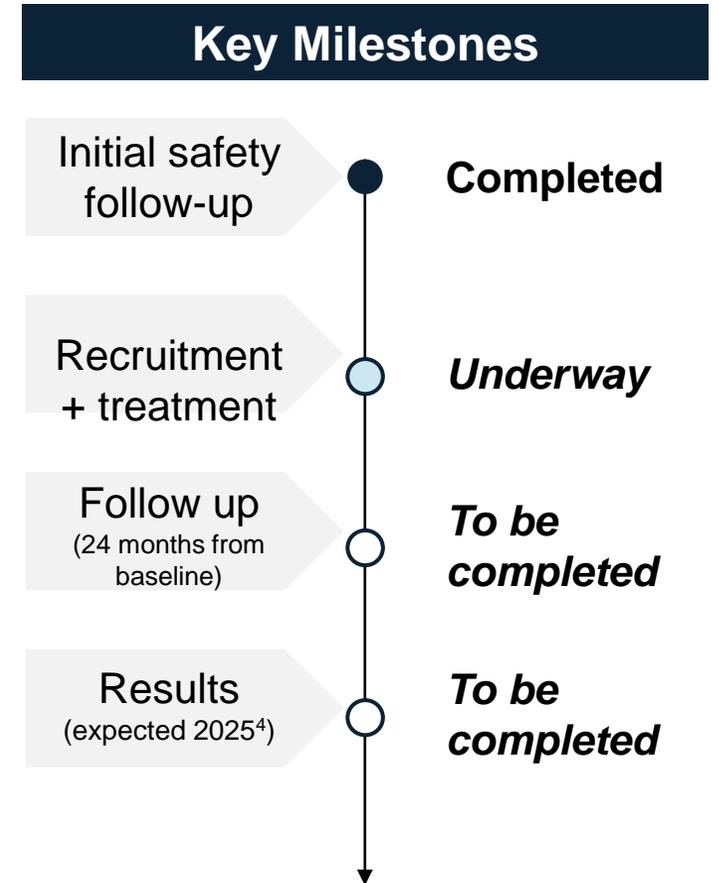
 Diabetic Foot Ulcers (DFU)	<ul style="list-style-type: none">• DFU are sores on the feet of patients with diabetes (also known as diabetic wounds)
 Huge Market Opportunity	<ul style="list-style-type: none">• >400m diabetics globally, with DFU estimated to occur in ~15-25% of patients during their lifetime¹• Global market is estimated to be ~US\$10bn²
 Strong preclinical data	<ul style="list-style-type: none">• Positive efficacy data of MSCs in a preclinical model• Cymerus MSCs achieved 86% skin restoration after three days
 Unique competitive positioning	<ul style="list-style-type: none">• Secured a worldwide exclusive licence agreement with TekCyte to a novel polymer-coated dressing technology to deliver MSCs topically• CYP-006TK: polymer-coated silicon dressing seeded with Cymerus MSCs
 Trial design	<ul style="list-style-type: none">• 30 patients with DFU will be randomly assigned to receive CYP-006TK or standard care of treatment, over 4 weeks
 Timing update	<ul style="list-style-type: none">• Recruitment expected to finish by mid way through 2023 with results released by the end of 2023



Osteoarthritis-SCUIpTOR¹ | Phase 3 clinical trial update

Clinical trial underway, sponsored by the University of Sydney and funded by an NHMRC project grant

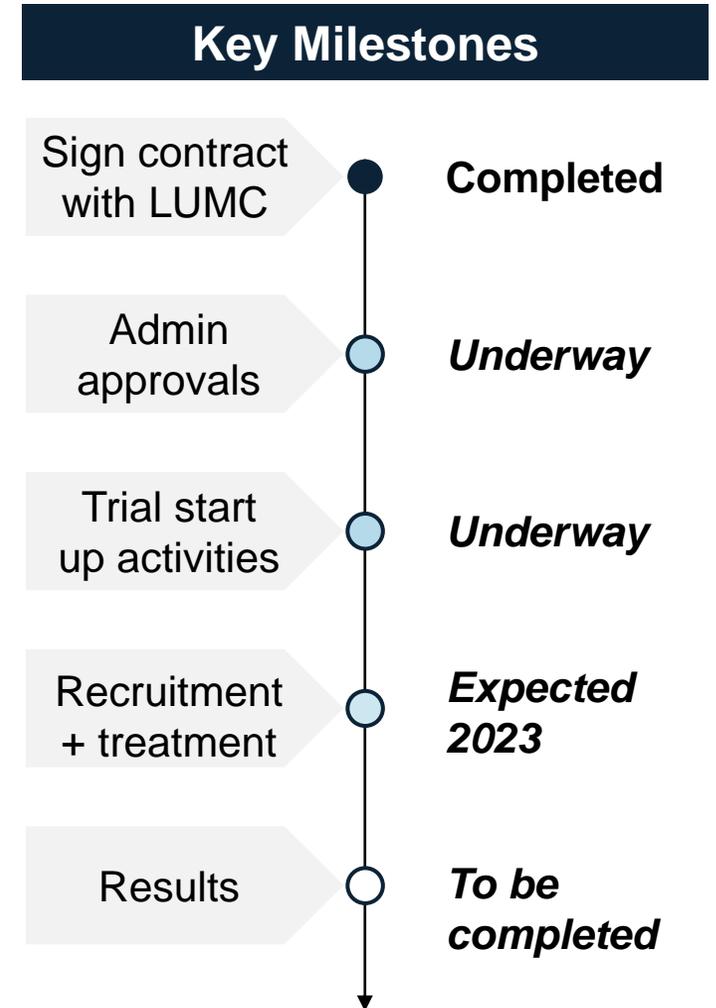
 Osteoarthritis	<ul style="list-style-type: none">• Osteoarthritis (OA) occurs when the cartilage in a joint wears away• Causes pain, inflammation, swelling and difficulty with movement
 Huge Market Opportunity	<ul style="list-style-type: none">• There is currently no complete cure• OA estimated to affect >30m Americans, global market of ~US\$11.6bn²
 Strong preclinical data	<ul style="list-style-type: none">• Preclinical research supports efficacy of MSCs• Potential to improve the underlying disease as well as alleviating pain
 Non-dilutive funding	<ul style="list-style-type: none">• Funded by the Australian Government NHMRC³ project grant• Led by Professor David Hunter, who is the Florance and Cope Chair of Rheumatology and Professor of Medicine at the University of Sydney
 Trial design	<ul style="list-style-type: none">• University of Sydney to enrol 440 patients to participate in the randomised, double-blind placebo-controlled trial
 Timing update	<ul style="list-style-type: none">• Results readout expected in 2025, revised from late-2024 by the University of Sydney based on the current recruitment rate



Renal | Phase 1 clinical trial update

Funding to conduct trial secured from Leiden University Medical Center (LUMC)

 Renal Transplants	<ul style="list-style-type: none">MSCs may reduce or eliminate the requirement for aggressive and toxic anti-rejection drugs, leading to a substantial breakthrough in transplantation medicine
 Huge Market Opportunity	<ul style="list-style-type: none">There are approximately 130,000 kidney transplants around the world each year¹Global market is estimated to be ~US\$5.9bn²
 Strong early data	<ul style="list-style-type: none">Positive efficacy data of MSCs in a preclinical model and in clinical trials
 Unique competitive positioning	<ul style="list-style-type: none">Funded by LUMC; Cynata providing cellsCynata has full commercial rights
 Trial design	<ul style="list-style-type: none">10 renal transplant patients will receive Cymerus MSCs after transplantation followed by withdrawal of anti-rejection medication. Primary endpoint is absence of graft loss after 6 months after withdrawal of anti-rejection medication.



Near term catalysts

Cynata is in a strong position to advance its proprietary Cymerus platform technology

End 2022 + 1H 2023

- ✓ **DSMB review** in DFU trial
- ❑ **Commence phase 2** trial in aGvHD
- ❑ **Complete recruitment** of 30 patients in DFU clinical trial

During 2H 2023

- ❑ **Complete recruitment** of 440 patients in U Syd phase 3 osteoarthritis trial
- ❑ **Announce** DFU clinical trial results
- ❑ **Commence** renal transplant clinical trial with LUMC

Ongoing

- ❑ **Further clinical trial results:** expecting ongoing newsflow as our clinical pipeline matures and our broad pre-clinical pipeline enters clinical trials
- ❑ **Progress commercial discussions** and execute further corporate partnership(s)



Board & management

Highly skilled and experienced senior leadership team with decades of experience



Dr Geoff Brooke
Chairman

- **30+ years experience** in the healthcare investment industry
- Founder and MD of Medvest Inc and GBS Venture Partners



Dr Ross Macdonald
Managing Director / CEO

- **30+ years experience and a track record of success** in pharmaceutical and biotechnology businesses
- Previously CEO of Hatchtech



Dr Kilian Kelly
Chief Operating Officer

- **15+ years experience** in biopharma research & development
- Previously Senior Director, Drug Development at Biota Pharmaceuticals, VP, Regulatory and Clinical at Mesoblast



Dr Jolanta Airey
Chief Medical Officer

- **25+ years experience** in respiratory, rheumatology, dermatology, biologicals and listed companies
- Previously Director, Translational Development at CSL



Ms Janine Rolfe,
GAICD
Non-Exec Director

- **20+ years legal, governance and management** experience across multiple sectors
- Founder of Company Matters



Dr Paul Wotton
Non-Exec Director

- **30+ years experience** in senior positions of life sciences companies
- Previously **President and CEO** of Ocata Therapeutics, Inc



Dr Stewart Washer
Non-Exec Director

- **20+ years of CEO and Board experience**
- Chairman of Orthocell (ASX:OCC) and Emyria (ASX:EMD), Director of Botanix Pharmaceuticals (ASX:BOT).



Dr Darryl Maher
Non-Exec Director

- **Vice President** of R&D and Medical Affairs at **CSL Behring**
- He was a **former President** of the Australian Pharmaceutical Physicians Association and a director of Vaccine Solutions



Mr Peter Webse
Company Secretary

- **23+ years company secretarial experience**
- MD of Platinum Corporate Secretariat Pty Ltd, providing company secretarial and other services

Investment Highlights

Cynata is a clinical stage biotech developing its proprietary Cymerus™ platform technology for the scalable manufacture of mesenchymal stem cell (MSC) therapeutic products to treat serious disorders



Unique Manufacturing

Single donation from a single donor overcomes suboptimalities in conventional MSC manufacturing



Strong safety and efficacy

Positive pre-clinical and clinical data supporting versatility and efficacy of Cynata's MSCs

Validation through strategic partnership with FUJIFILM



Multiple clinical trials underway

Rich clinical pipeline:

- **Diabetic Foot Ulcers**
- **Osteoarthritis** (phase 3)
- **Renal transplantation** to commence in 2023¹
- **Phase 2 aGvHD** trial to commence in 2023¹ under cleared **IND**



Large addressable market

Combined market opportunity of clinical trials underway and in planning is **~A\$38bn**



Significant value upside

Multiple pathways to commercialisation, including strategic partnering

Important information

Summary information

This Presentation contains summary information about Cynata Therapeutics Limited and its subsidiaries (CYP) which is current at 21 November 2022. This Presentation should be read in conjunction with CYP's other periodic and continuous disclosure information lodged with the Australian Securities Exchange (ASX), which are available at www.asx.com.au.

Not an offer

This Presentation is not a prospectus, product disclosure statement or other offering document under Australian law (and will not be lodged with the ASIC) or any other law. This Presentation is for information purposes only and is not an invitation or offer of securities for subscription, purchase or sale in any jurisdiction. The release, publication or distribution of this Presentation (including an electronic copy) outside Australia may be restricted by law. If you come into possession of this Presentation, you should observe such restrictions. Any non-compliance with these restrictions may contravene applicable securities laws.

Not investment advice

This Presentation does not constitute investment or financial product advice (nor tax, accounting or legal advice) or any recommendation by CYP or its advisers to acquire CYP securities. This Presentation has been prepared without taking account of any person's individual investment objectives, financial situation or particular needs. Before making an investment decision, prospective investors should consider the appropriateness of the information having regard to their own investment objectives, financial situation and needs and seek legal, accounting and taxation advice appropriate to their jurisdiction. CYP is not licensed to provide financial product advice in respect of CYP securities.

Investment risk and past performance

An investment in CYP securities is subject to known and unknown risks, some of which are beyond the control of CYP and its directors. CYP does not guarantee any particular rate of return or performance of CYP. Past performance cannot be relied upon as an indicator of (and provides no guidance as to) future CYP performance including future share price performance.

Financial data

All financial information in this Presentation is in Australian currency (A\$) unless otherwise stated. This Presentation contains historical financial information based on the Company's results for the quarter year to September 2022. This information is disclosed in the 4C report lodged with ASX on 31 September 2022. Any discrepancies between totals and sums of components in tables and figures in this Presentation are due to rounding.

Forward-looking statements

This Presentation contains certain 'forward looking statements', which can generally be identified by the use of forward looking words such as 'expect', 'anticipate', 'likely', 'intend', 'should', 'could', 'may', 'predict', 'plan',

'propose', 'will', 'believe', 'forecast', 'estimate', 'target', 'outlook', 'guidance', 'potential' and other similar expressions. The forward looking statements contained in this Presentation are not guarantees or predictions of future performance and involve known and unknown risks and uncertainties and other factors, many of which are beyond the control of CYP, its directors and management, and may involve significant elements of subjective judgment and assumptions as to future events which may or may not be correct. There can be no assurance that actual outcomes will not differ materially from these forward looking statements. A number of important factors could cause actual results or performance to differ materially from the forward looking statements. No representation or warranty, express or implied, is made as to the accuracy, likelihood of achievement or reasonableness of any forecasts, prospects, returns or statements in relation to future matters contained in this Presentation. The forward looking statements are based on information available to CYP as at the date of this Presentation. Except as required by law or regulation (including the ASX Listing Rules), CYP and its directors, officers, employees, advisers, agents and intermediaries undertake no obligation to provide any additional or updated information whether as a result of new information, future events or results or otherwise. You are strongly cautioned not to place undue reliance on forward-looking statements, particularly in light of the current economic climate and the significant volatility, uncertainty and disruption caused by the outbreak of COVID-19.

Industry and Market data

Certain market and industry data used in connection with this Presentation may have been obtained from research, surveys or studies conducted by third parties, including industry or general publications. Neither CYP nor its representatives have independently verified any such market or industry data provided by third parties or industry or general publications.

Disclaimer

To the maximum extent permitted by law, CYP and its advisers, affiliates, related bodies corporate, directors, officers, partners, employees and agents (**Related Persons**) exclude and disclaim all liability, including without limitation for negligence, for any expenses, losses, damages or costs arising from this Presentation or reliance on anything contained in or omitted from it. To the maximum extent permitted by law, CYP and its Related Persons make no representation or warranty, express or implied, as to the currency, accuracy, reliability or completeness of information in this Presentation and disclaim any obligation or undertaking to release any update or revision to the information in this Presentation to reflect any change in expectations or assumptions.

Statements made in this Presentation are made only as at the date of this Presentation. The information in this Presentation remains subject to change without notice.

Contact Us

Cynata Therapeutics Limited

Level 3
100 Cubitt Street
Cremorne
Victoria 3121
Australia

Contact details:

 ross.macdonald@cynata.com

 www.cynata.com

