



RADIOPHARM THERANOSTICS

Radiopharm Theranostics (ASX “RAD”) is a **clinical stage radiopharmaceutical company** developing **Therapeutic and Imaging products** using peptides, small molecules, nanobodies and antibodies.

Annual General Meeting
25 November 2024



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3 Innovative clinical stage molecules

- Highly differentiated Imaging agent (Pivalate) for Brain Mets - large disease area with high unmet need-
- Potential first-in-class PD-L1 targeting radiopharmaceutical
- Potential best-in-class HER2 targeting radiopharmaceutical








3 Highly promising late stage-preclinical molecules

- Potential first-in-class B7H3 (*from Joint Venture / Strategic partnership with MD Anderson*)
- Potential first-in-class KLK3 targeting radiopharmaceutical
- Theranostic Pair targeting Integrin AvB6, with Imaging Phase I proof of concept ongoing

Solid financials

- Strong investment endorsement from Lantheus with ~7% ; Institutional Shareholders own 64%
- Cash runway to mid-2026

COMPANY PIPELINE

PROGRAM	TARGET & MOLECULE	INDICATION	Dx/Tx	ISOTOPE	PRECLINICAL	PHASE I	PHASE II	NOTES
Clinical								
RAD 101	Short Chain Fatty Acid (Small molecule)	BRAIN METS	Imaging	F18			Phase 2a Phase 2b	IND approval received for Phase 2b in US (n=30) FPFV expected in Dec 2024
RAD204	PD-L1 (Nanobody)	NON-SMALL CELL LUNG CANCER	Therapy	Lu177				Phase 1 enrolling in Australia, NCT06305962 HREC approval to expansion in multiple tumors First two cohorts' patients' data by mid-2025
RAD202	HER 2 (Nanobody)	BREAST / GASTRIC CANCER	Therapy	Lu177				Ethics approval for Phase 1 expected by Dec 2024 First two cohorts' patients' data by the end of 2025
Pre-Clinical								
RV01	B7H3 (mAb)	Multiple Solid Tumors	Therapy	Lu177				IND approval expected mid-2025 FPFV Phase 1 in Q3 2025
RAD402	KLK3 (mAb)	PROSTATE	Therapy	Tb161				Ethics approval in Q3 2025 FPFV Phase 1 in Q4 2025
RAD 301/302	Integrin αVβ6 (peptide)	Multiple Solid Tumors	Therapy Imaging	Lu177 Ga68				Phase 1 Therapeutic planned for end of 2025 Phase 1 Imaging enrolling in USA



RADIOPHARM THERANOSTICS

Targeting MoA:

SHORT FATTY ACID CHAINS

Imaging for

BRAIN METASTASIS

*Molecule: **RAD 101***



RADIOPHARM THERANOSTICS

UPCOMING MILESTONES

PROGRAM	TARGET & MOLECULE	INDICATION	Dx/Tx	ISOTOPE	1ST HALF 2024	2ND HALF 2024	1ST HALF 2025	2ND HALF 2025	1ST HALF 2026
RAD101	Short Chain Fatty Acid (Small Molecule)	BRAIN METS	Imaging	F18		<div>▲ IND Approval Phase 2b received</div> <div>▲ First Patient Ph 2b</div>	<div>▲ 10/30 patients' data to be released</div>	<div>▲ Phase 2 Top Line data</div>	

- ▲ ACHIEVED
- ▲ Future Milestone



RADIOPHARM THERANOSTICS

Targeting MoA:

PDL1

Therapeutic for






NON-SMALL CELL LUNG CANCER



*Molecule: **RAD 204***



RADIOPHARM THERANOSTICS

RAD 204 – UPCOMING MILESTONES

PROGRAM	TARGET & MOLECULE	INDICATION	Dx/Tx	ISOTOPE	1ST HALF 2024	2ND HALF 2024	1ST HALF 2025	2ND HALF 2025	1ST HALF 2026
<u>RAD204</u>	PD-L1 (Nanobody)	NON-SMALL CELL LUNG CANCER	Therapy	Lu177	 Ethics Approval received	 First Patient treated at Wollongong Hospital  Nepean Hospital opened	 2 Cohorts completed & data release	 Phase 1 Top Line data	

-  ACHIEVED
-  Future Milestone



RADIOPHARM THERANOSTICS

Targeting MoA:

HER2

Therapeutic for

BREAST AND GASTRIC CANCER

*Molecule: **RAD 202***



RADIOPHARM THERANOSTICS

RAD 202 – UPCOMING MILESTONES

PROGRAM	TARGET & MOLECULE	INDICATION	Dx/Tx	ISOTOPE	1ST HALF 2024	2ND HALF 2024	1ST HALF 2025	2ND HALF 2025	1ST HALF 2026
RAD202	HER2 (Nanobody)	BREAST & GASTRIC	Therapy	Lu177		<div><div></div>Ethics Submission</div> <div>Ethics Approval</div>	<div></div> First Patient dosed	<div></div> 2 Cohorts completed & data release	<div></div> Phase 1 Top Line data

- ACHIEVED
- Future Milestone

Stock Code: RAD

12-month trading range:

AUD\$0.023(Oct24) – AUD\$0.137(Oct 23)

Market Cap: AUD\$52m

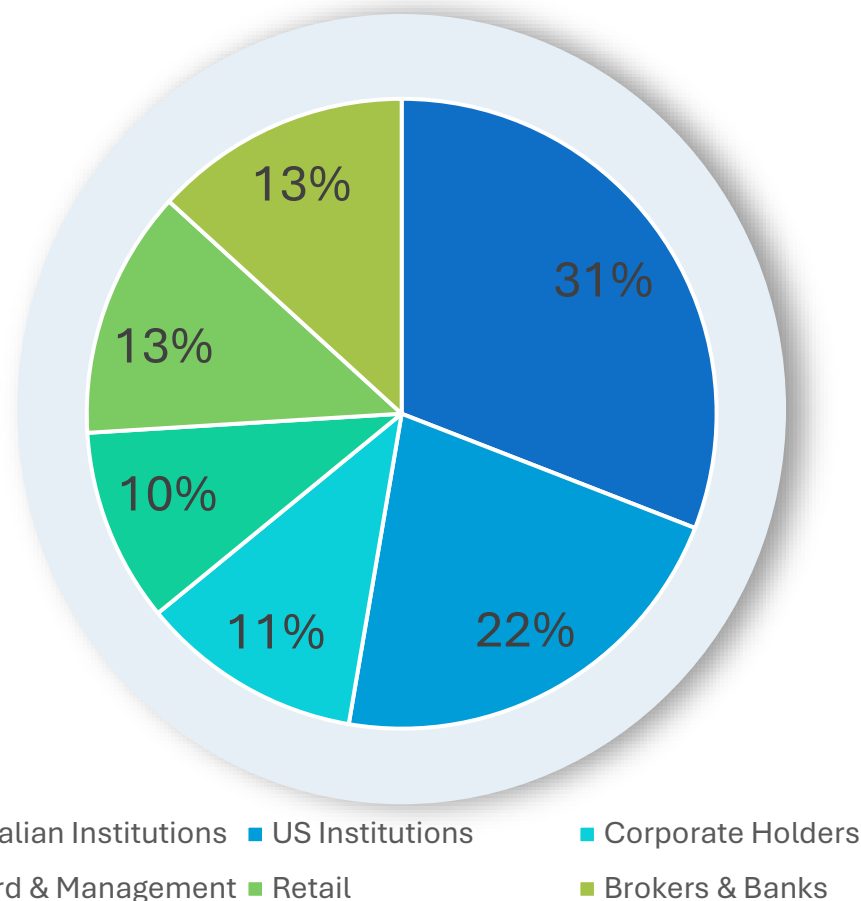
Shares on Issue: 2.17 billion

Options on Issue: 850m @ 6c / 2y

Cash at Bank: AUD\$43M

No. of Shareholders: 2,300

Shareholders: 64% Institutions + 10% Board



Top 20 Shareholders	2024, Oct 29 th
JP Morgan (incl. Point72)	175.096.000
Deutsche Bank	157.420.000
Lantheus	149.625.000
Paul Hopper	149.221.000
Regal Funds	142.140.000
Octagon	93.703.000
OC Funds	88.500.000
Investors Mutual	75.000.000
Australian Ethical	57.633.000
Silverarc	56.221.888
Northstar	51.234.000
Affinity	46.851.574
Dellora	46.851.574
UBS Securities	44.182.000
NanoMab	43.295.000
Atlantis Fund	42.356.000
Thorney	40.502.000
Merril Lynch	31.459.000
Goldman Sachs	24.044.000
Scarlett Hopper	23.857.000

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