



AGM presentation – 16 November 2023

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COMPANY VISION & STRATEGY

SUCCESSFULLY FIGHT CANCER THROUGH INNOVATIVE RADIOPHARMACEUTICAL THERAPIES



Unique Business Model

- High resource allocation to R&D
- Low resource allocation to G&A – small team of 11 FTE.
- Expanded partnerships and strategic alliances



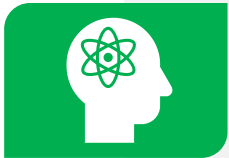
Intellectual Property

- Extensive Patient portfolio for targets through 2040



Differentiated Targeting Molecules

- Radiopharm is in a unique space where other radiopharmaceutical companies are not known to be focused
- Proprietary molecules designed to identify and attack a broad range of malignancies



Deep Expertise in Radiopharmaceuticals

- All team members with previous Imaging or Therapeutic radiopharmaceutical experience
- Extensive team of accredited multinational researchers

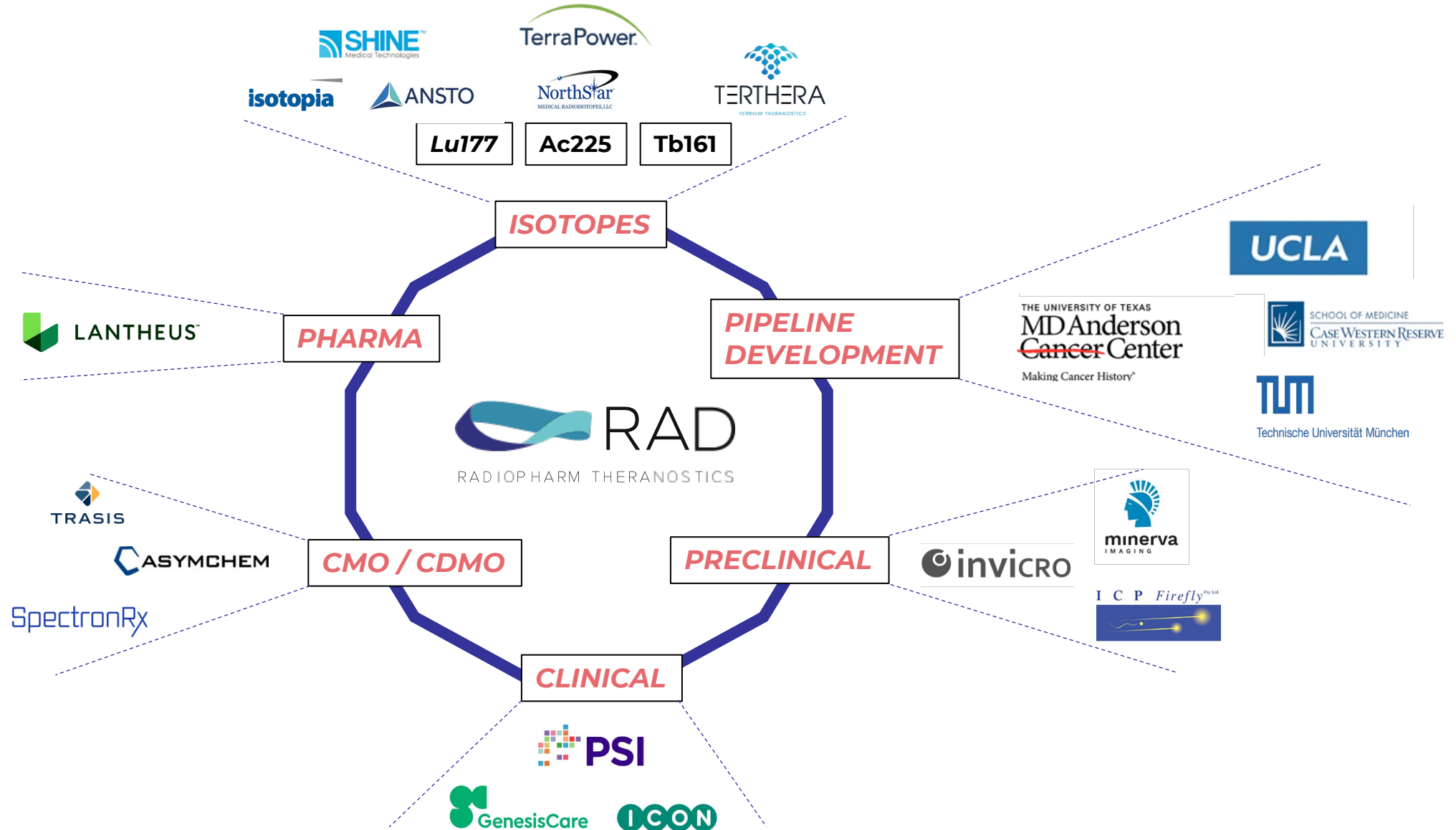


Timely, Accurate & Rich News Flow Expected in the Next 6-12 Months

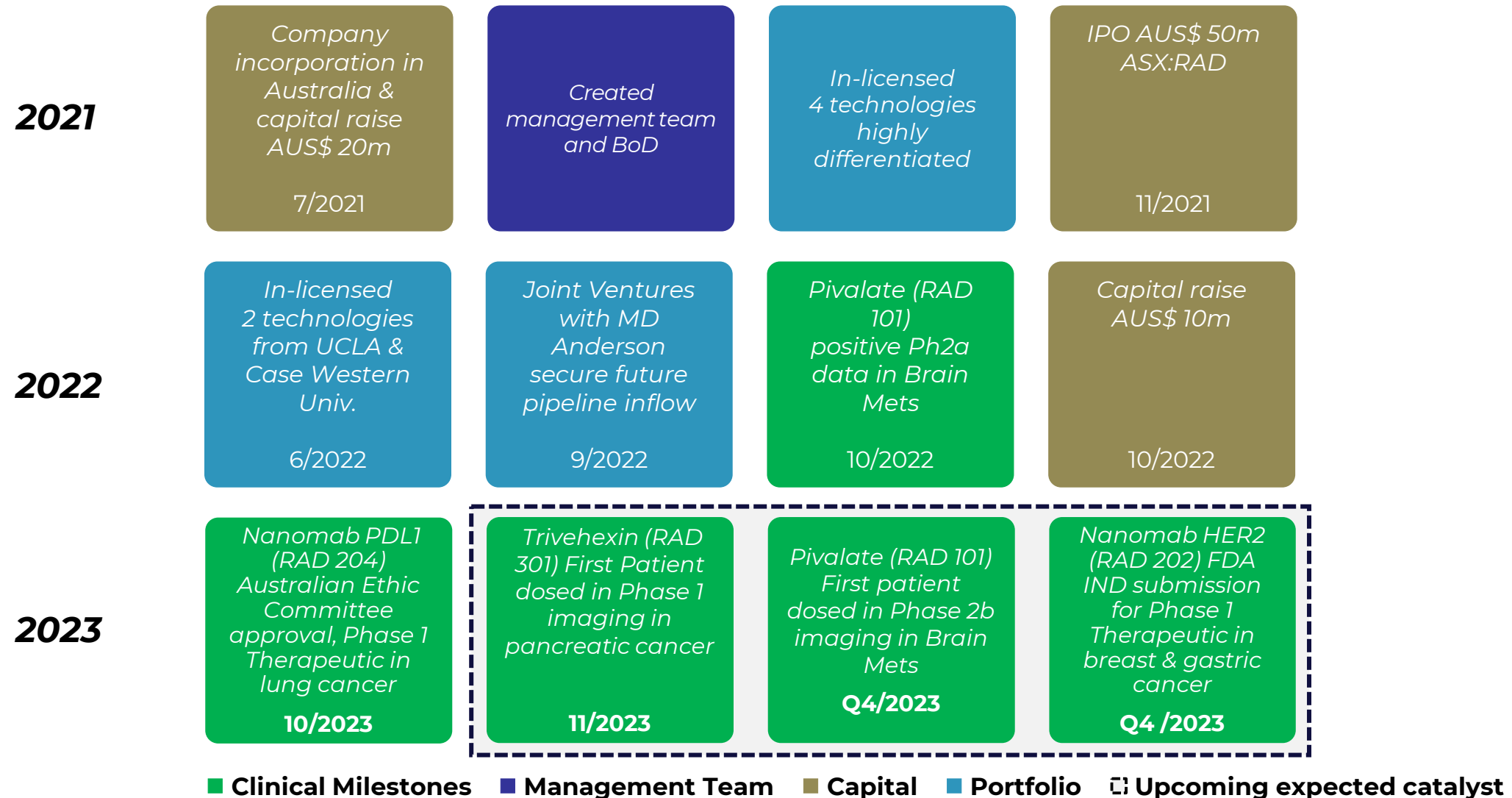
- Transitioning four different molecules from pre-clinical to clinical stage

EXPANDED PARTNERSHIPS & STRATEGIC ALLIANCES



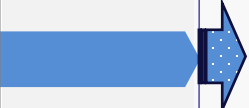

- *UNIQUE BUSINESS MODEL: LOW CAPITAL INTENSITY, FLEXIBLE RESOURCE ALLOCATION*



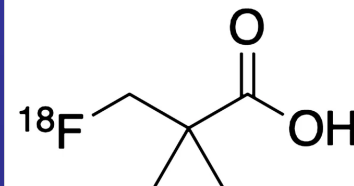
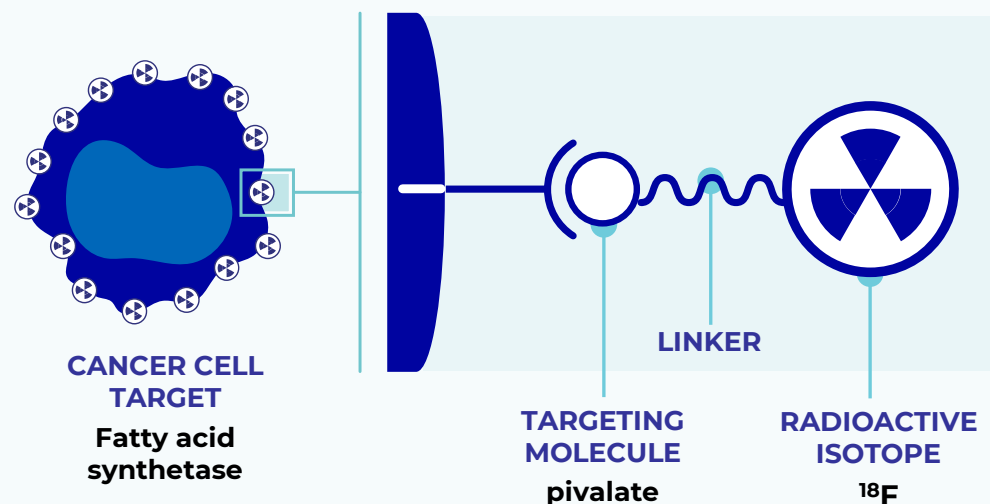
TRANSITION FROM PRECLINICAL TO CLINICAL STAGE COMPANY IN ONLY TWO YEARS



PORTFOLIO PRIORITIES – Two Imaging & Two Therapeutics

RAD CODE	MOLECULE & TARGET	INDICATION	ISOTOPE	PRECLINICAL	PHASE I	PHASE II _A	PHASE II _B	PHASE III	NOTES
				IMAGING					
RAD101	Pivalate (Fatty Acid Synthetase)	BRAIN METS	F18						Phase 2b first patient expected in Q4 IND approval after USA Tech transfer completion in Q4
RAD301	Trivehexin ($\alpha V\beta 6$ Integrin)	PANCREATIC	Ga68						ODD received May 2023 FDA IND received 9 patient Ph 1 trial: first patient expected in November, last patient by Dec 2023
				THERAPEUTIC					
RAD204	Sd mAb (PD-L1)	NSCLC	Lu177						Australian Ethics approval received 10/2023. First patient in Q4
RAD 202	Sd mAb (HER 2)	BREAST GASTRIC	Lu177						FDA IND submission in Q4, first patient in Q1 2024

RAD 101 Imaging: F18-PIVALATE



F18-PIVALATE

Selectively targets fatty acid synthetase which is overexpressed in tumours but not normal brain cells

BRAND VISION:

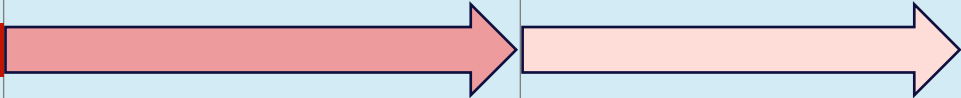
BECOME THE LEADING PET AGENT FOR IMAGING BRAIN METASTASIS

- 300,000 new patients every year in USA only
- MRI current standard of care, but has limitations in patient post surgery or post stereotactic radiation surgery (pseudo-progression)

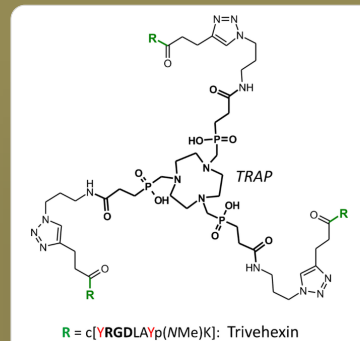
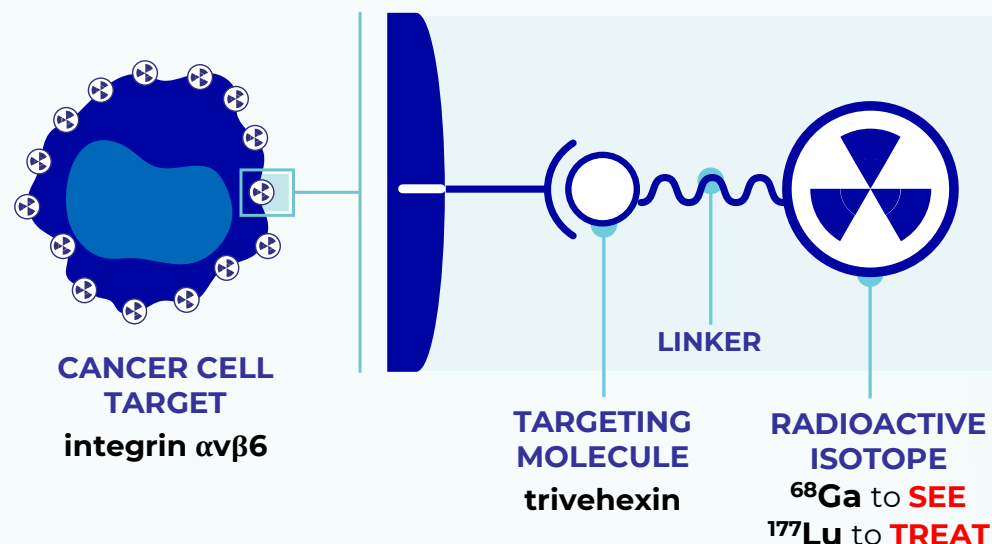
RAD 101 Imaging: F18-PIVALATE

CLINICAL DEVELOPMENT & REGULATORY STRATEGY

- Ongoing Tech transfer from UK to USA. IND approval after Tech transfer finalized
- 21 months to complete late-stage development (Phase IIb + Phase III)
- ~30 months to anticipated NDA Approval and first commercial sales
- USD 364m peak yearly sales potential (Jones Group independent report)
- Only 1 expected competitor: Axumin (Bracco) currently in Phase III

PRECLINICAL	PHASE I	PHASE IIa	PHASE 2b	PHASE 3	APPROVAL & COMMERCIAL LAUNCH
					
	24 pts	17 pts	30 pts	150 pts	
√	√	√	Q4 – Q2 2024	Q3 2024 – Q2 2025	1H 2026

RAD 301 Imaging: Ga68-TRIVEHEXIN



TRIVEHEXIN

RGD peptide (arginylglycylaspartic acid)

Integrin $\alpha\text{v}\beta\text{6}$ receptor antagonist

Marker for tumour invasion and metastatic growth

Expression correlates with decreased survival in numerous carcinomas

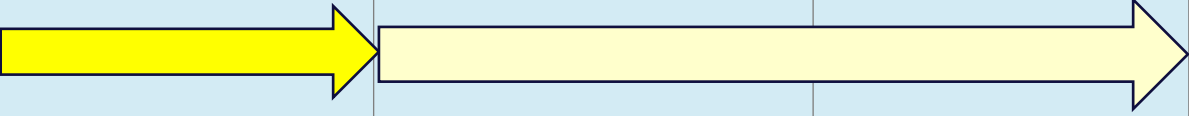
BRAND VISION: FIRST TO MARKET PET AGENT FOR IMAGING PANCREATIC CANCER

- High unmet need in detecting and monitoring pancreatic cancer
- Current standard of care (FDG & MRI) have significant limitations
- FDA IND approval received ; Orphan drug Designation granted (5/2023)
- Multi-indication potential beyond PDAC (Head & Neck, NSCLC, TNBC, Colorectal)

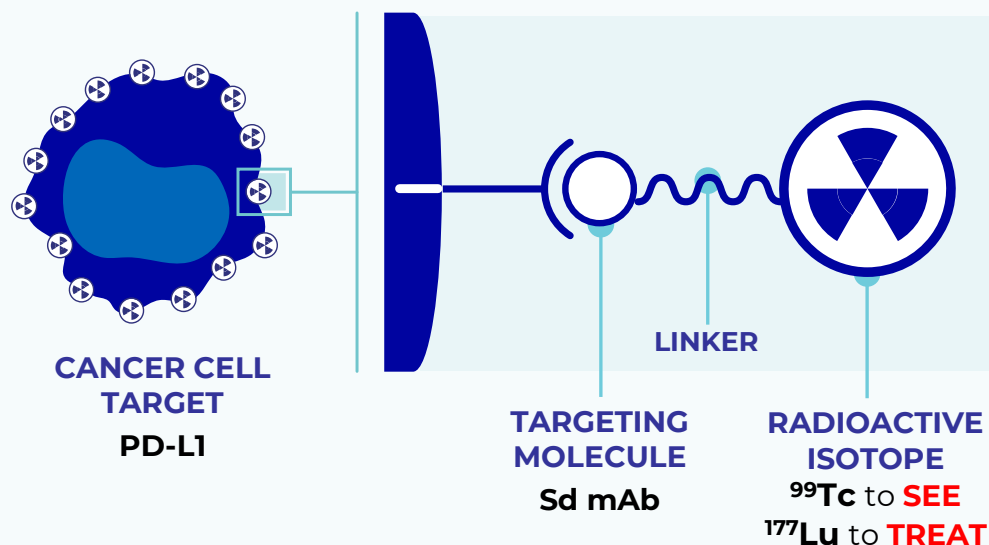
RAD 301 Imaging: Ga68-TRIVEHEXIN

CLINICAL DEVELOPMENT & REGULATORY STRATEGY

- 66 patients already dosed under compassionate use (solid safety profile)
- 33 patients dosed under Pilot Study (presented at EANM 9/2023)
- IND approved Phase I start imminent, followed by registrational trial (leveraging RWE data)
- USD 240m peak yearly sales potential in PDAC only (Bell Potter independent report)
- Only 1 expected competitor: Integrin $\alpha v \beta 6$ - $\alpha v \beta 1$ (UC Davis) currently in Phase I

COMPASSIONATE USE (Germany)	Pilot study in PDAC + H&N	PHASE I	PHASE II	PHASE III	APPROVAL & COMMERCIAL LAUNCH
					
66 pts	33pts	9 pts	30 pts		
✓	✓	Fully recruited by Dec 2023	Apr 2024 – April 2025		1H 2026

RAD 204 Therapeutic: NANOMAB PD-L1



PD-L1 NANOMAB

Single domain monoclonal antibody (Sd mAb)

PD-L1 Immune Checkpoint Protein

Overexpression mediates evasion of immune responses by cancer cells

Blockade by antibodies leads to tumour regression

BRAND VISION:

FIRST TO MARKET CHECKPOINT INHIBITOR-RADIOPHARMACEUTICAL COMBINATION

- Lead Indication : non-small cell lung cancer
- 200,000 new patients every year in USA only
- ~70% patients refractory to Check Point Inhibitors regimen

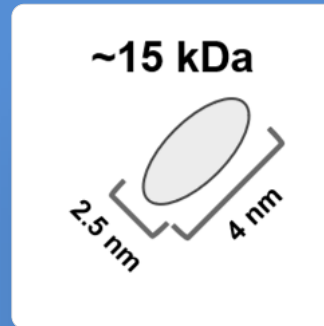
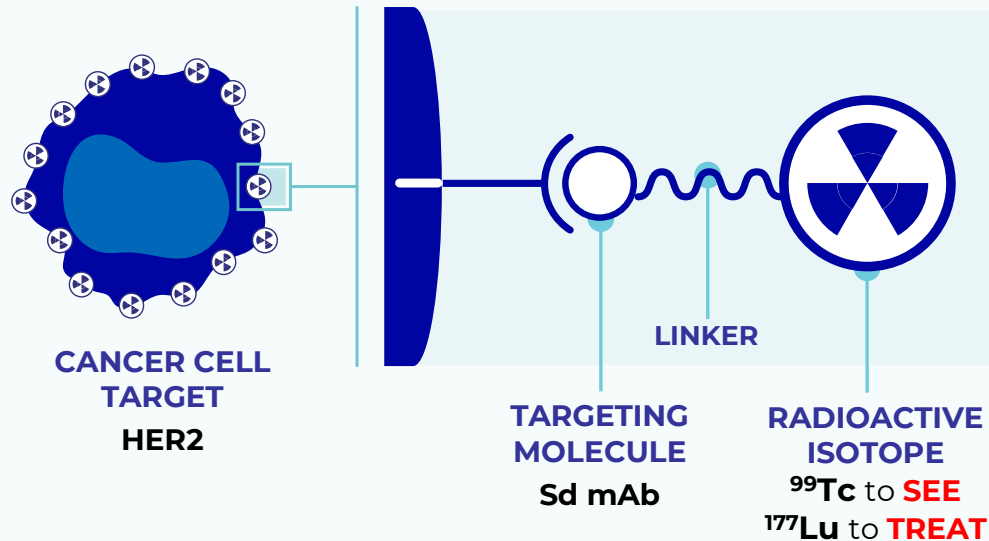
RAD 204 Therapeutic: NANOMAB PD-L1

CLINICAL DEVELOPMENT & REGULATORY STRATEGY

- Human pharmacokinetic and Biodistribution proven with Imaging agent (positive Phase I in 16pts in 2019)
- Strategic Collaboration with Lantheus for the PDL-1 Imaging agent
- Phase I therapeutic dose escalation in Australia (approval to start received in October)
- Phase II combo therapy trial with checkpoint inhibitor
- Blockbuster sales potential (Company assessment ongoing)
- No other PDL1 radiopharmaceuticals in preclinical or clinical development

PRECLINICAL	Imaging PHASE I	Therapeutic PHASE I	PHASE II
	16pts	27 pts	50 pts
√	√	Q4 2023– Q1 2025	Q3 2025 – Q3 2027

RAD 202 Therapeutic: NANOMAB HER-2



HER 2 NANOMAB

Single domain monoclonal antibody (Sd mAb)

HER 2 pathway proven in Oncology

Overexpression in Breast Cancer and
Gastroesophageal cancers

BRAND VISION:

BREAST & GASTRIC HER2+ THERAPY FOR PATIENTS REFRACTORY to TRASTUZUMAB / DERUXTECAN

- 47,000 new patients every year in USA only
- Suboptimal toxicity profile ADCs (2nd line metastatic cancer) opens opportunity for new agents

RAD 202 Therapeutic: NANOMAB HER-2

CLINICAL DEVELOPMENT & REGULATORY STRATEGY

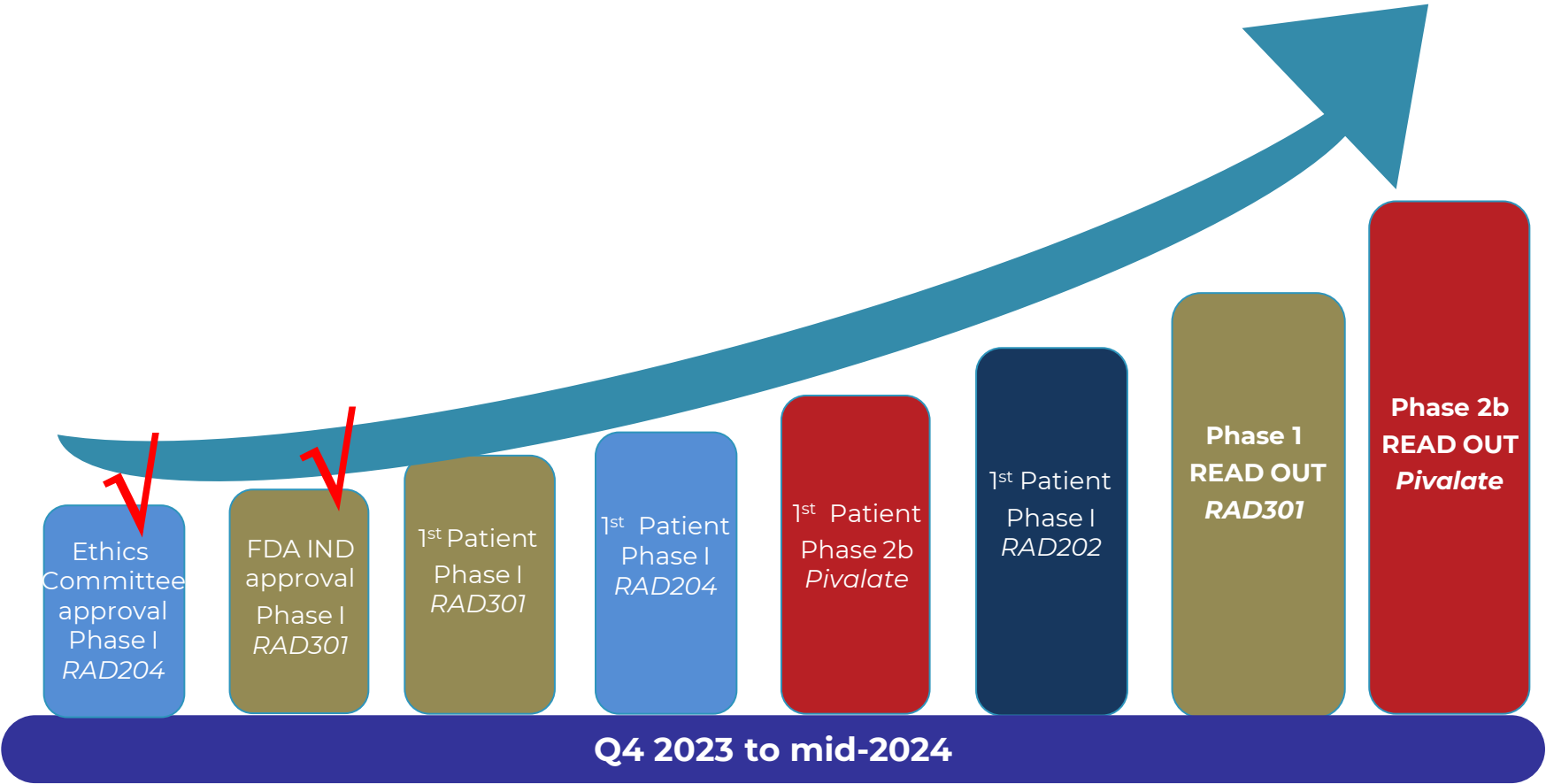
- Human pharmacokinetic and Biodistribution proven with Imaging agent (positive Phase I in 10pts in 2021, follow by IIT in Germany in additional 6 pts).
- Phase I therapeutic dose escalation in USA (approval to start expected in Q4) in Breast / Gastric Cancers
- Phase II therapy trial in the Breast or Gastric (depending on Phase I data)
- Blockbuster sales potential (Company assessment ongoing)
- Only 1 competitor (Precirix – private company) currently in Phase I

PRECLINICAL	Imaging PHASE I	Therapeutic IND Approval	PHASE I	PHASE II
	10pts + IIT in 6pts		21 pts	50 pts
✓	✓	Q4 2023	Q1 2024 – Q3 2025	Q4 2025 – Q4 2027

TRANSITION FROM PRECLINICAL TO CLINICAL STAGE COMPANY WITH 4 MOLECULES

- 2 READ OUTS BY MID 2024 -

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RAD204	Sd mAb (PD-L1)	NSCLC	Lu177
RAD 202	Sd mAb (HER 2)	BREAST GASTRIC	Lu177



INFLECTION POINTS



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