



# Extending the Boundaries of Targeted Cancer Therapies

**Full-Year 2025 Financials**

**Patrick Amstutz, CEO**

March 12, 2026

Nasdaq, SIX Swiss Exchange: MOLN

# Disclaimer

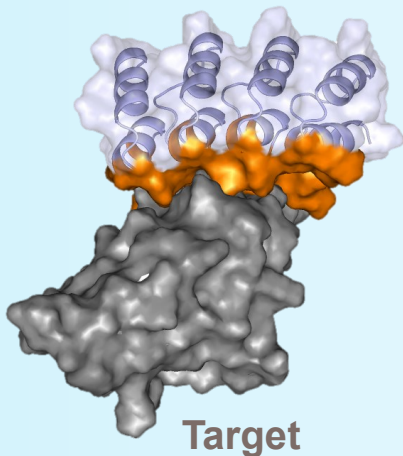
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# Extending the Boundaries of Targeted Cancer Therapies

## DARPin

Designed Ankyrin  
Repeat Protein



## Our Company

- Clinical-stage biotech company, founded 2004
- Operations & listing in Switzerland (SIX, 2014) and US (Nasdaq, 2021)
- Financed (USD ~116 M / CHF ~93 M\*) to capture upcoming value inflection points

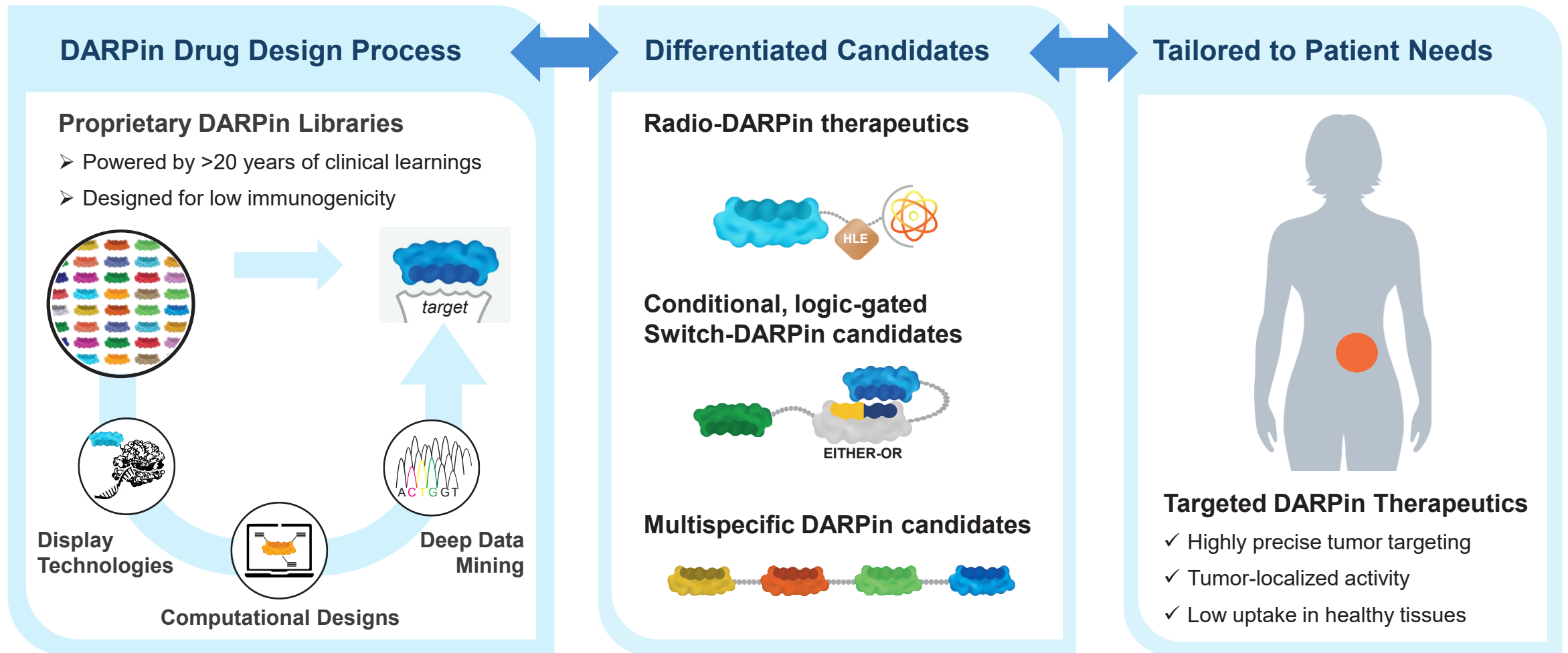
## Our Capabilities

- **DARPin therapeutics**: novel class of drugs, clinically-validated, proprietary platforms
- Strong team to innovate and execute up to clinical POC
- Partnerships with world-class experts to maximize patient value



## Our Pipeline

- Differentiated **Assets** with focus in **Oncology**
- **MP0712 / Targeted radiotherapy** and **next-gen immune cell engagers**
- Early clinical readouts for patient value across indications with high unmet need

# Continued Innovation in DARPin Discovery, Therapeutic Designs



# Our Pipeline – Differentiated Therapeutics for Patient Value

PLATFORM	CANDIDATE	RESEARCH	PRE-CLINICAL	PHASE 1	PHASE 2	PHASE 3	
Radio-DARPin Therapy (RDT)	MP0712	SCLC & NECs <i><sup>212</sup>Pb x DLL3</i>		 <b>oranomed</b> Co-development*			
	MP0726	Ovarian Cancer <i><sup>212</sup>Pb x MSLN</i>		 <b>oranomed</b> Co-development*			
	Undisclosed Programs (Solid Tumors)	Radio - C					
		Radio - D					
Radio - E							
Next-Gen Immune Cell Engagers	MP0317	Advanced Solid Tumors <i>FAP x CD40</i>					
	MP0533	r/r AML and AML/MDS <i>CD33 x CD123 x CD70 x CD3</i>					
	Switch-DARPin T Cell Engager	<i>CD3 x CD2 x MSLN x EpCAM</i>					
	MP0621 (Switch-DARPin)	HSCT <i>cKit x CD16a x CD47</i>					

# Corporate Highlights 2025

## MP0712

- **Initiated US Phase 1/2a study of MP0712,  $^{212}\text{Pb}$ -based DLL3-targeting Radio-DARPin candidate, co-developed with Orano Med, for SCLC and other neuroendocrine cancers**
- **Precise targeting of tumor lesions in patients** shown with  $^{203}\text{Pb}$ -labeled MP0712 (TWC 2026)

## Radio-DARPin Therapy (RDT)

- Nominated lead candidate MP0726 targeting MSLN, pre-clinical data presented at SNMMI 2025
- Development agreement signed with Eckert & Ziegler enabling RDTs with  $^{225}\text{Ac}$
- Formed Scientific Advisory Board, chaired by nuclear medicine expert Prof. Ken Herrmann

## MP0317

- Started Phase 2 randomized IIT of tumor-localized CD40 agonist MP0317 for cholangiocarcinoma

## MP0533

- Mutation-agnostic clinical benefit of novel TCE MP0533 for AML presented at ASH 2025

## Switch-DARPin

- Pre-clinical logic-gated T cell activation through Switch-DARPin presented at AACR and SITC 2025

## Operations

- **Strong financial position** with CHF 93.1 M in cash as of December 31, 2025
- Completed strategic review of operations and organization, extending runway into 2028
- Appointed Martin Steegmaier, PhD, as CSO and member of Executive Committee



# Financial overview & Team update

# FY 2025 Financial Highlights

- Strong financial position with CHF 93 million in cash (incl. short term deposits) as of December 31, 2025
- Net cash used in operating activities of CHF 51.3 million in 2025
- Operating loss of CHF 58.1 million in 2025, including a charge of CHF 2.6 million related to the June 2025 restructuring
- Company expects to be funded until 2028, excluding any potential payments from R&D partnerships

# Key Figures 2025

<i>(CHF million, except per share and FTE data)</i>	<i>FY 2025</i>	<i>FY 2024</i>	<i>Change</i>
<b>Revenues</b>	-	5.0	(5.0)
<b>Total operating expenses</b>	(58.1)	(66.2)	8.1
<b>Operating result</b>	(58.1)	(61.2)	3.1
<b>Net financial result</b>	(3.5)	7.2	(10.7)
<b>Net result</b>	(61.6)	(54.0)	(7.6)
<b>Basic net result per share (in CHF)</b>	(1.65)	(1.59)	(0.06)
<b>Net cash from / (used in) operations</b>	(51.3)	(59.2)	7.9
<b>Cash balance (incl. s.t. deposits) as of Dec 31</b>	93.1	149.4	(56.3)
<b>Number of FTE's as of Dec 31</b>	134.0	158.5	(24.5)

# Martin Steegmaier, PhD

- Appointed as Chief Scientific Officer (CSO) and member of the Executive Committee, effective October 1, 2025
- Deep experience in oncology drug development, including advancement of innovative cancer therapies at major biotech and pharma companies:
  - CSO at SOTIO Biotech (IO-therapies & ADCs for oncology)
  - Head of Research at MorphoSys (antibody-based therapeutics in oncology)
  - Head of Discovery for Large Molecule Research at Roche Innovation Center (Munich) (antibodies, TCEs, ...)
- Ph.D. in biochemistry from the University of Basel
- MBA from the Edinburgh Business School



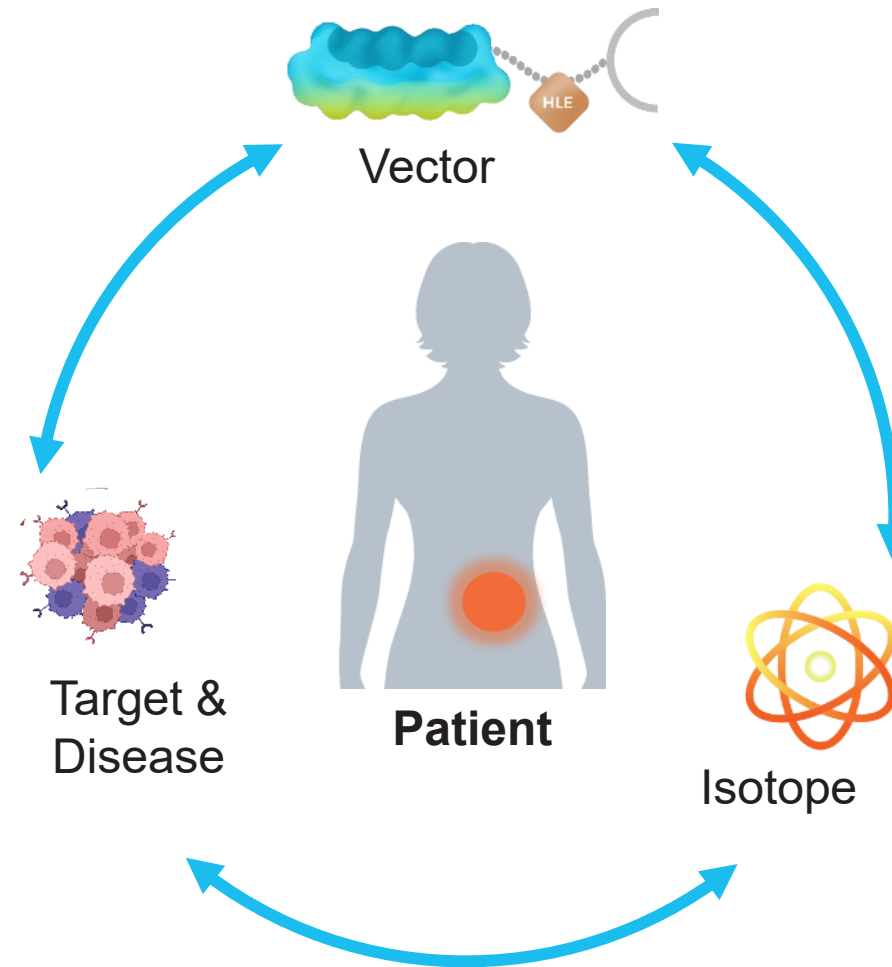
# Radio-DARPin

- Ideal vectors for precise delivery of potent radio-isotopes
- Potential to unlock broad target space across solid tumor indications



# Designing Radio-DARPin Therapeutics for Patients

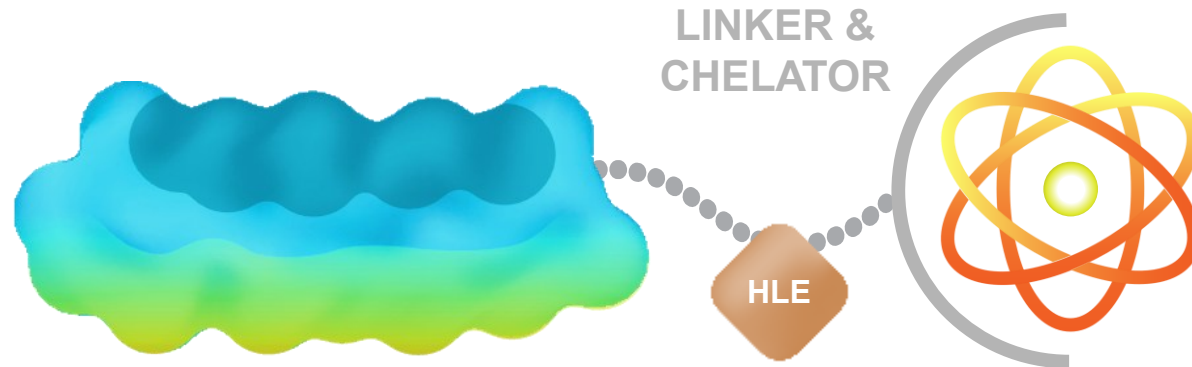
Matching  
*target & disease biology*  
X  
*vector*  
X  
*isotope*  
to address unmet medical need



# Radio-DARPin for Next-Gen Targeted Alpha Therapy

## DARPin: IDEAL VECTOR FOR RADIOPHARMACEUTICALS

- Proven selective targeting
- High affinity, tumor retention
- Broad target space
- Small size



## SURFACE ENGINEERING

- Enabled by high stability
- Reduce kidney accumulation

## HALF-LIFE EXTENDER

- Tailored systemic exposure
- Promote tumor uptake

## ALPHA-EMITTING THERAPEUTIC ISOTOPES

- Proven clinical efficacy
- High energy deposition
- Lead-212 ( $^{212}\text{Pb}$ )
- Actinium-225 ( $^{225}\text{Ac}$ )

# Global Partnership to Develop $^{212}\text{Pb}$ Radio-DARPin Therapeutics

Combining DARPin versatility with the power of  $^{212}\text{Pb}$  for next-gen Targeted Alpha Therapy



**MOLECULAR PARTNERS**  
PIONEERS of DARPin THERAPEUTICS



**ORANO MED**

PIONEERS of TARGETED ALPHA THERAPY



## FULL VALUE CHAIN PARTNERSHIP

### World class technologies & capabilities combined



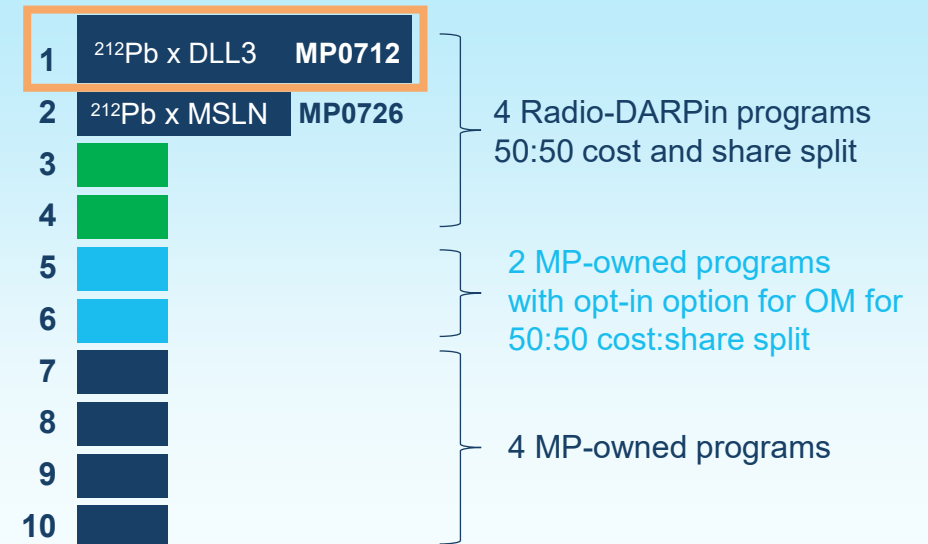
**INDIANA, US:**  
Industrial scale manufacturing  
Global shipping hub  
ATLab US

**TEXAS, US:**  
Preclinical development  
GMP supply for early  
clinical phases

**SWITZERLAND:**  
Preclinical assessment  
DARPin engine, fast &  
high throughput

**FRANCE:**  
 $^{212}\text{Pb}$  starting  
material  
ATLab Europe

### Pipeline of ten $^{212}\text{Pb}$ radiotherapy products



# Our Scientific Advisory Board to Accelerate Development of Targeted Radiotherapeutics



**Ken Herrmann, M.D.**

Chair



**James Cook**

Member



**Jason Lewis, Ph.D.**

Member



**Michael Morris, M.D.**

Member

- Chaired by Prof. Ken Herrmann, M.D., globally renowned expert in the field of nuclear medicine
- Other Board members bring significant clinical and industry expertise, supporting transition from early clinical validation to strategic development



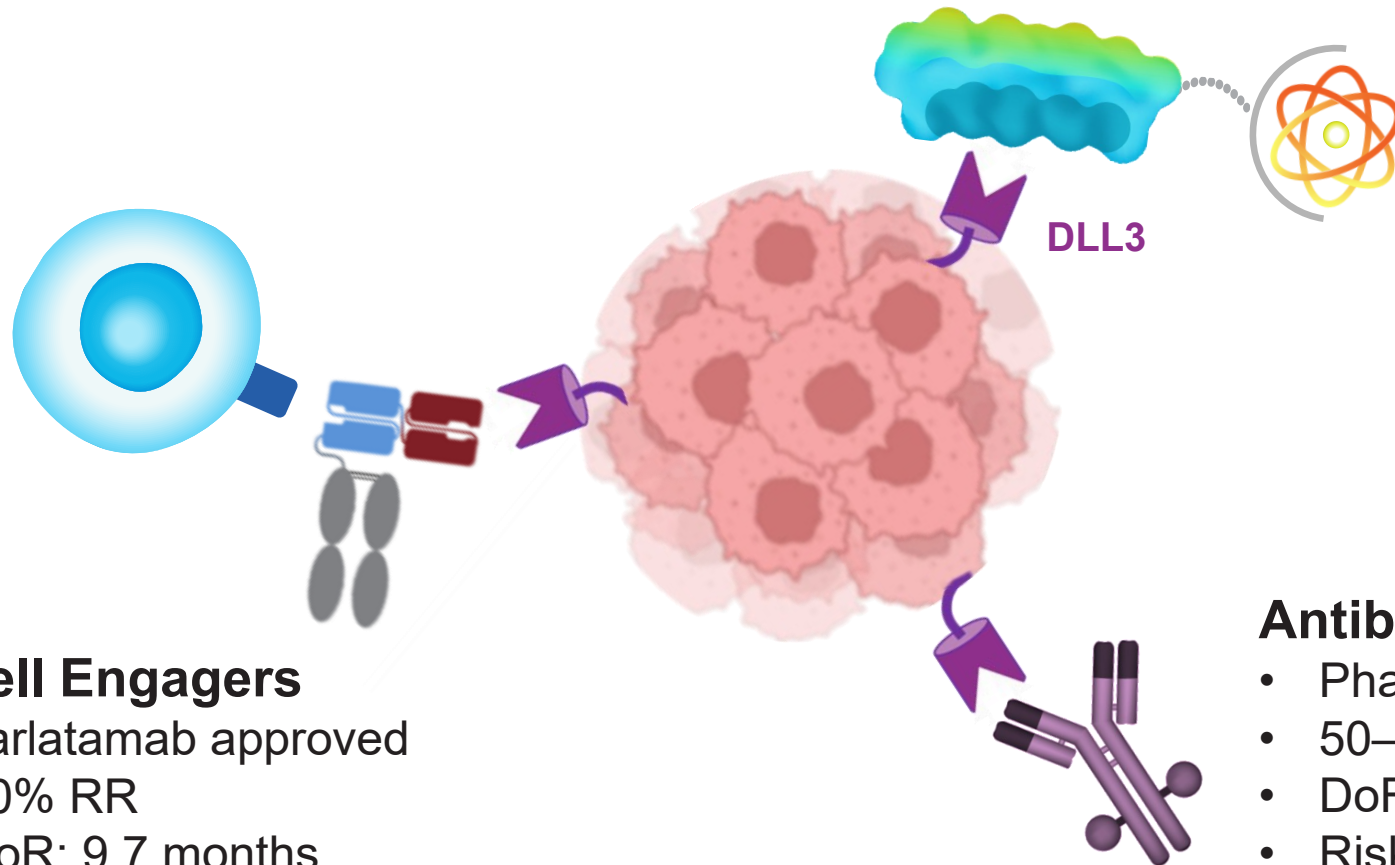
# MP0712

## Targeted Radiotherapy for Lung Cancer

- Specific tumor uptake reported in initial human images
- Phase 1/2a in US open, early data in 2026



# MP0712 - Why DLL3 Targeted Radio Therapy for SCLC



## Radio Therapy (MP0712)

- Phase 0/1
- SCLC highly radio sensitive
- Manageable side effects
- Combinable with other MoAs

## T Cell Engagers

- Tarlatamab approved
- 40% RR
- DoR: 9.7 months
- Substantial side effects (CRS)

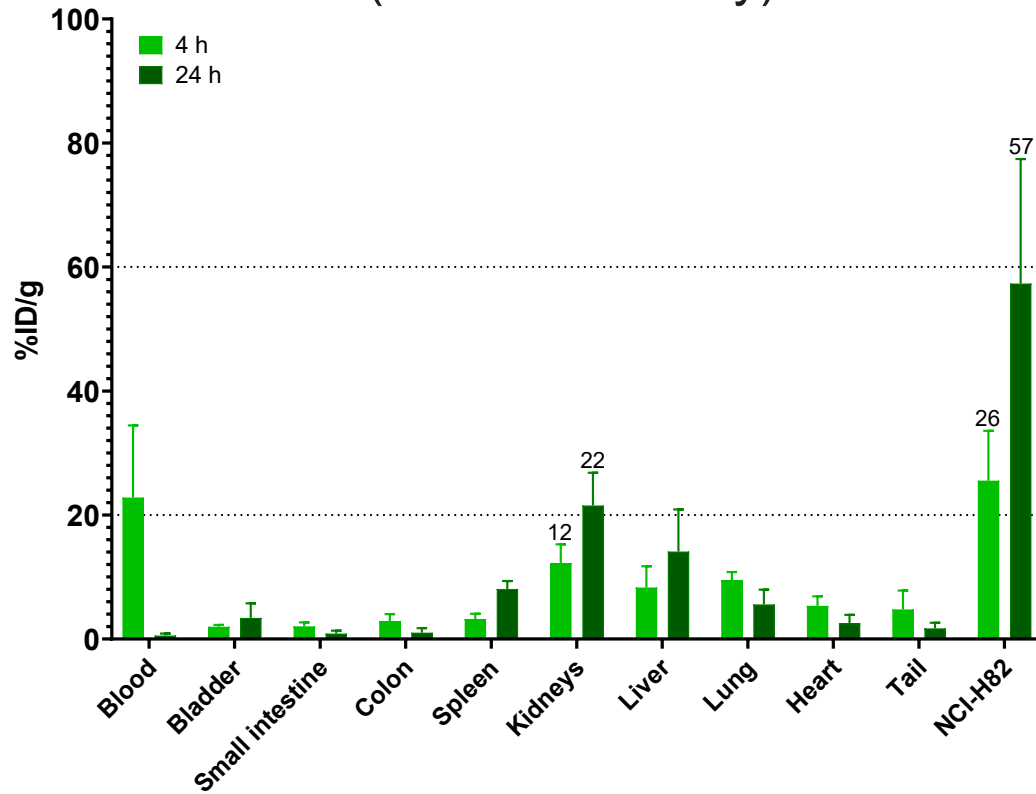
## Antibody-Drug Conjugates

- Phase 1/2
- 50–70% RR
- DoR: 5–6 months
- Risk of chemo-resistance
- Manageable side effects

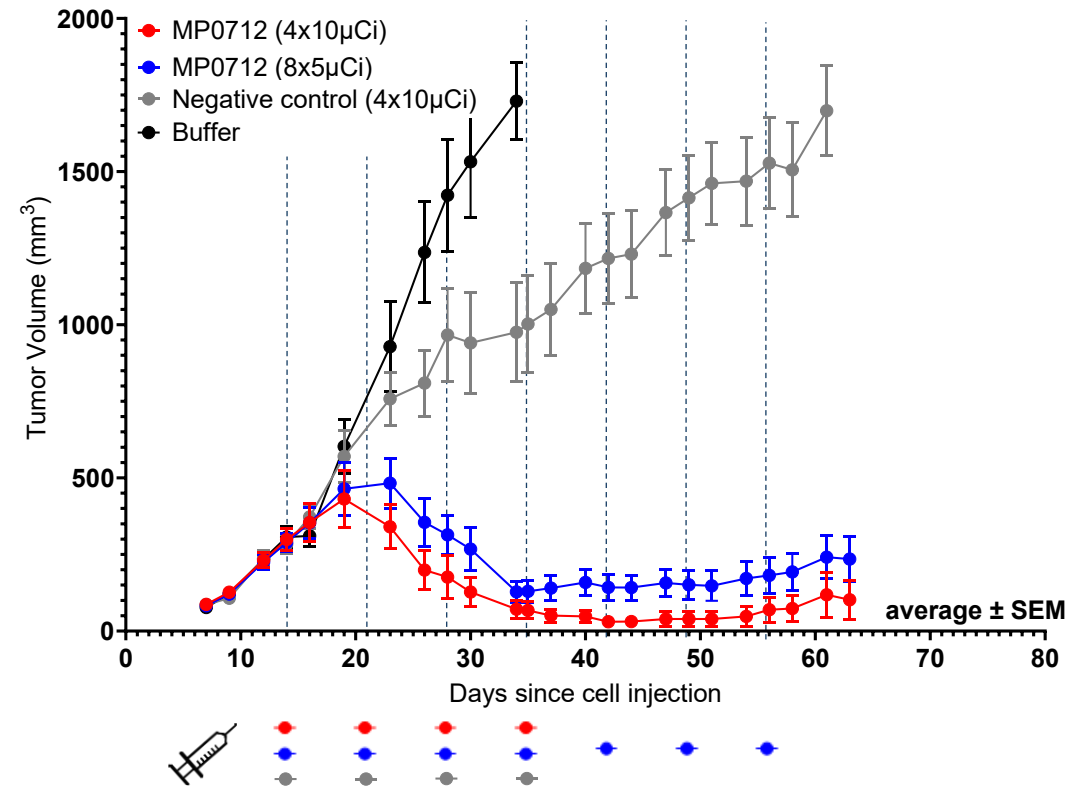
# MP0712: Favorable Biodistribution and Potent Efficacy

*In mouse models matching the low DLL3 expression levels of patients*

## High Tumor Accumulation (Tumor > Kidney)



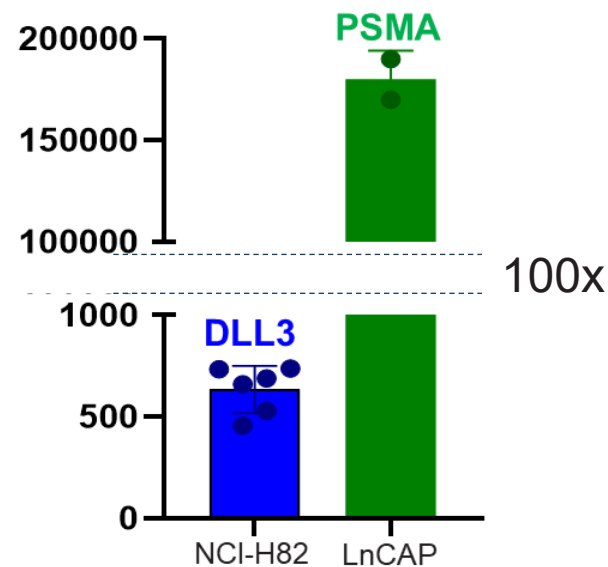
## Reduction of Established Tumors



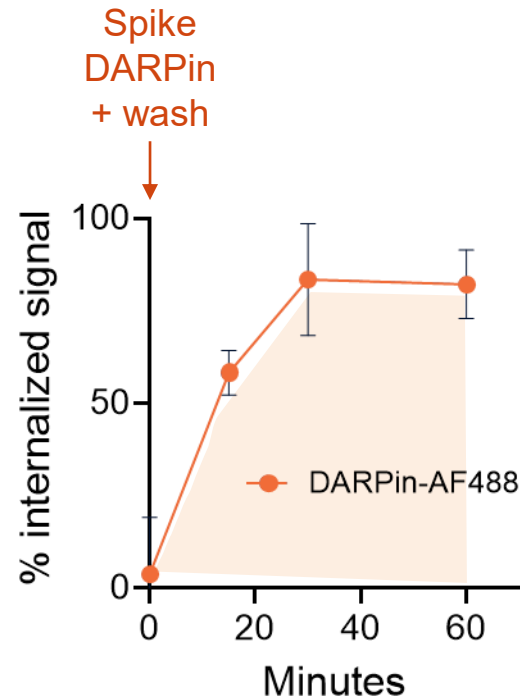
# MP0712: Rapid Internalization and Accumulation in Cells

## Very low DLL3 copy number

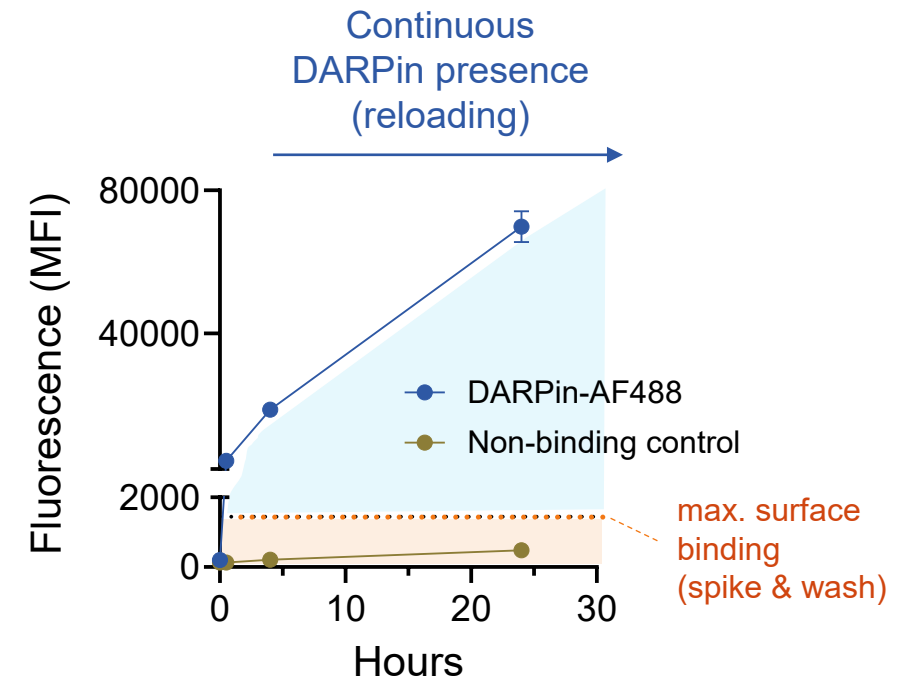
DLL3: <1000 receptors/cell  
PSMA: >100'000 receptors/cell



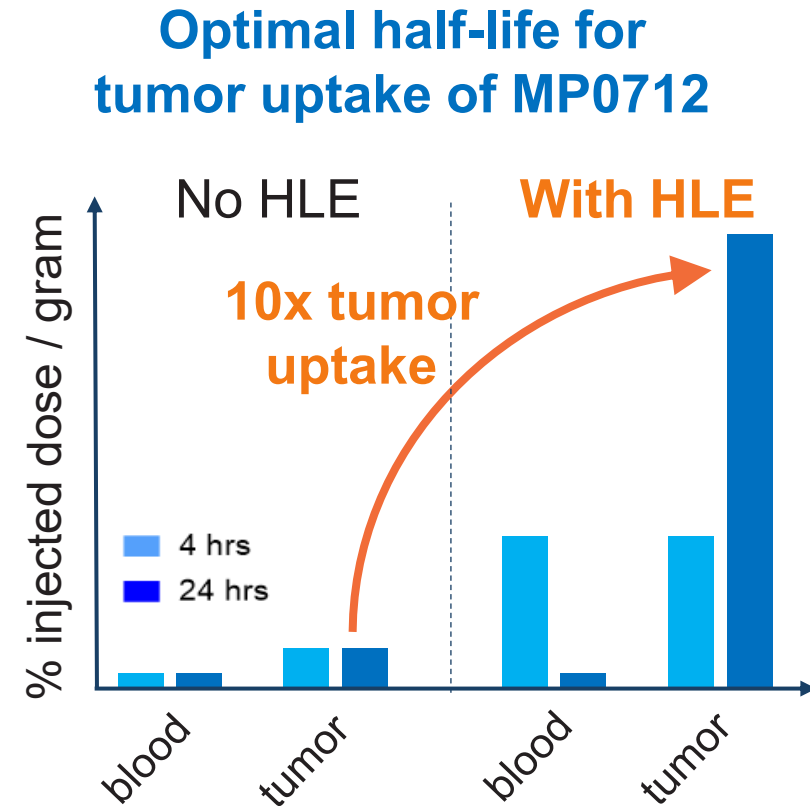
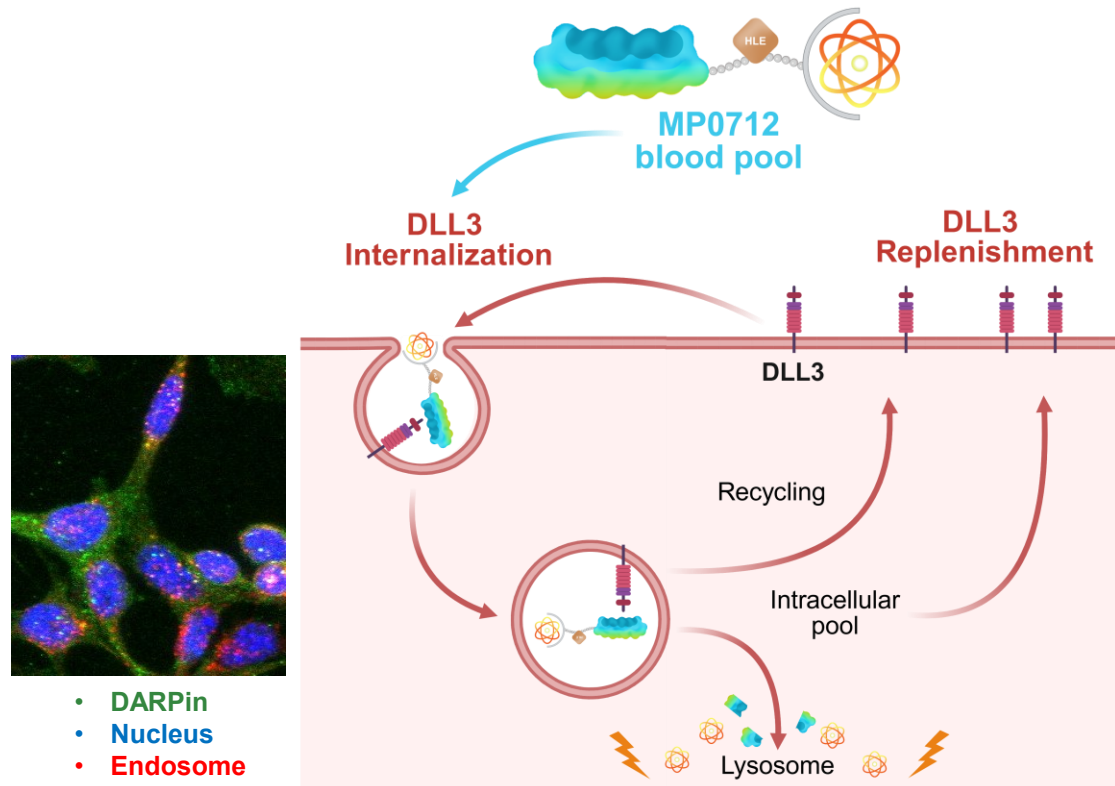
## DLL3 DARPin is rapidly internalized\* ...



## ... and accumulates over time in cells\*\*



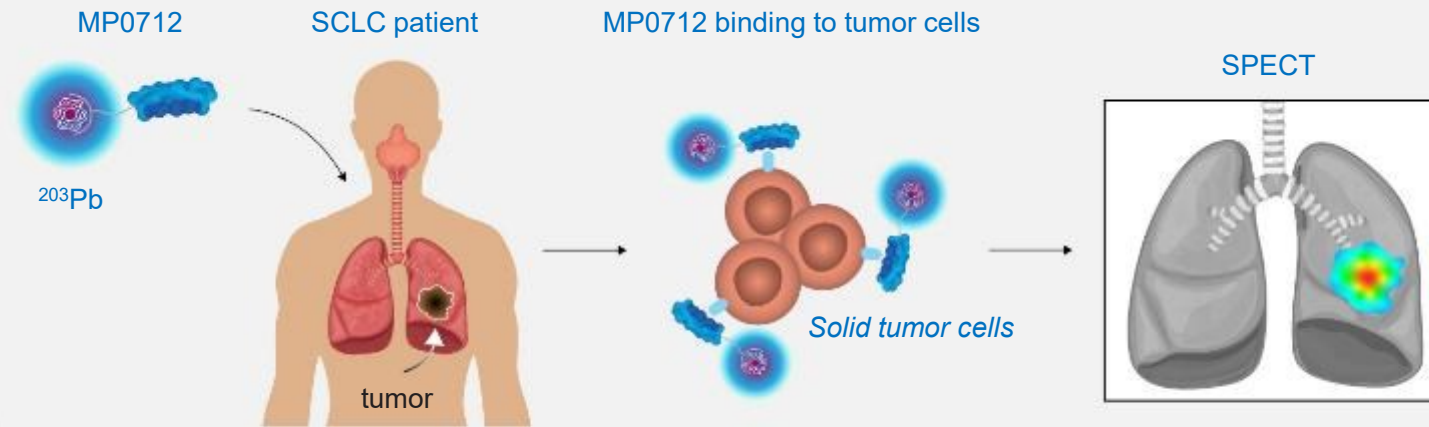
# MP0712: High Tumor Uptake via DLL3 Replenishment and Half-Life Engineering



DARPin half-life optimization allows to leverage rapid internalization & replenishment of DLL3 for high MP0712 accumulation in tumors

# MP0712 Development Pathway

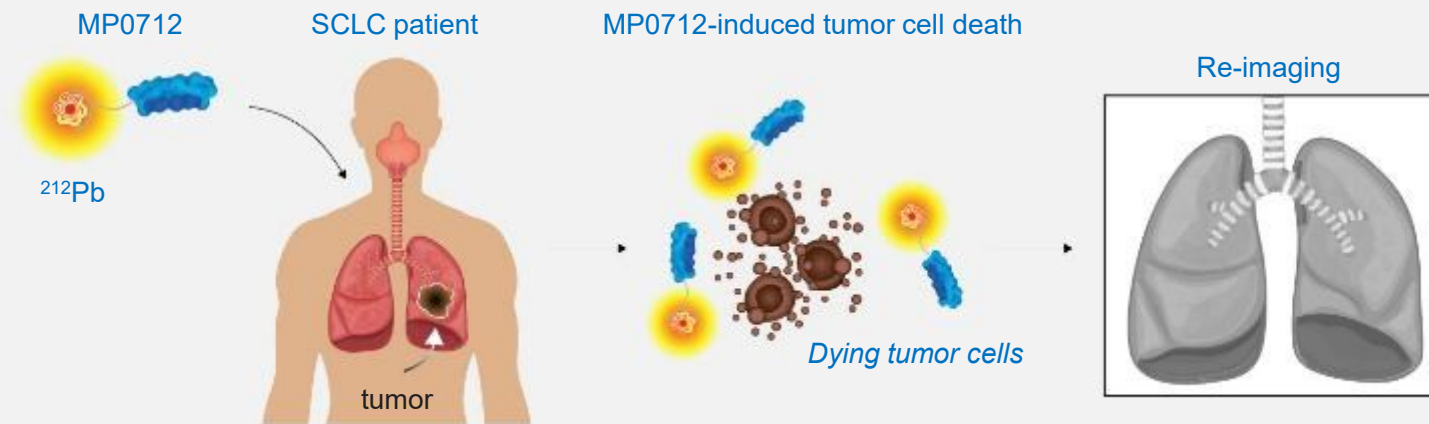
## 1. Imaging



## Named Patient Access Program:

- Imaging and dosimetry with  $^{203}\text{Pb}$
  - Option for treatment with  $^{212}\text{Pb}$
- Request from NuMeRI, Pretoria, South Africa\**

## 2. Treatment



## Phase 1/2a Study:

- Safety of  $^{212}\text{Pb}$
- Efficacy signals
- Includes an imaging and dosimetry step with  $^{203}\text{Pb}$

# SPECT/CT Imaging with $^{203}\text{Pb}$ -MP0712 in a Patient with Metastatic Small Cell Lung Cancer (mSCLC)

## Patient characteristics

- 69-year-old male (smoker)
- Small cell neuroendocrine carcinoma of the lung
- Stage III at referral (mediastinal lesion)

## Treatment history

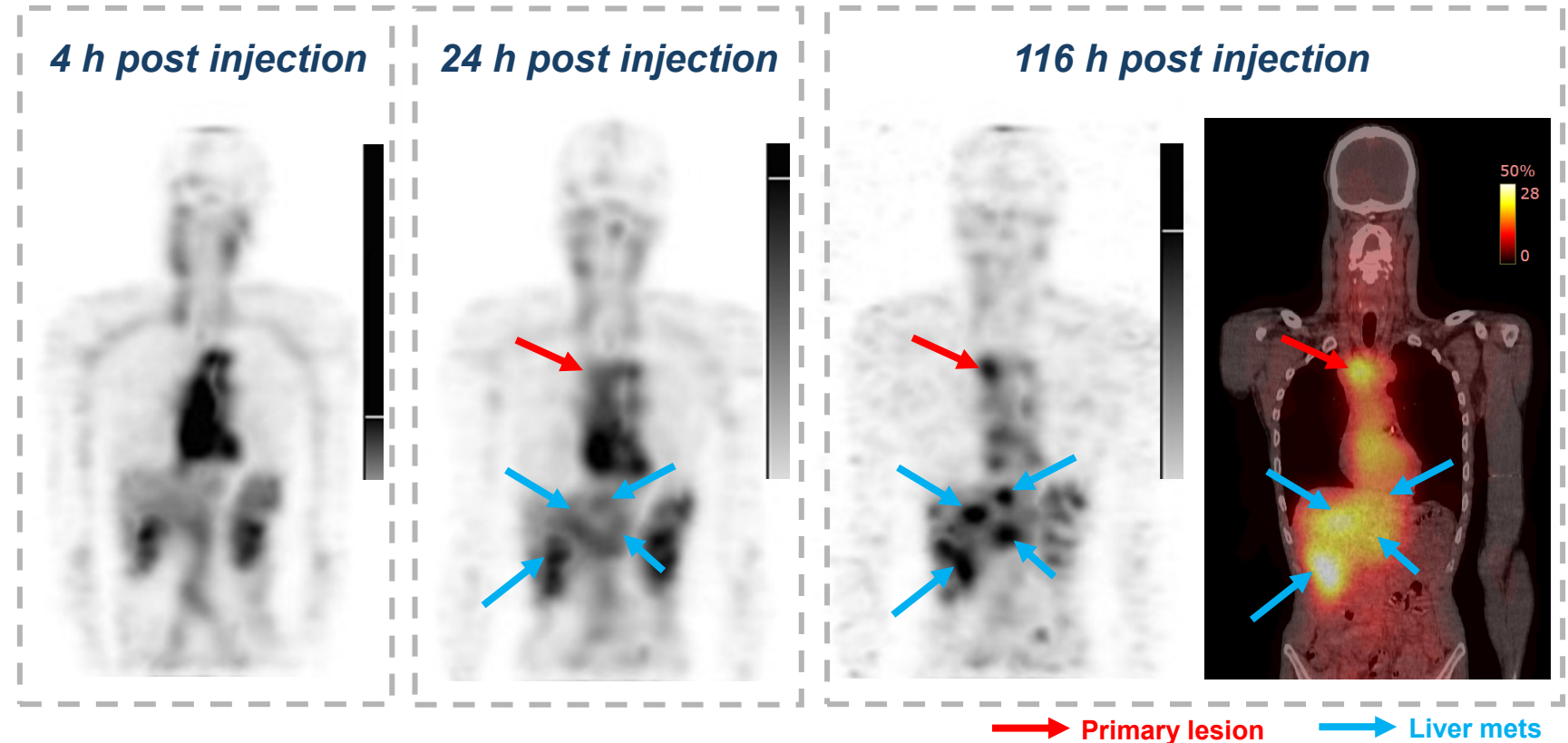
- Radio- & chemotherapy

## Dosing

- 185 MBq of  $^{203}\text{Pb}$ -MP0712

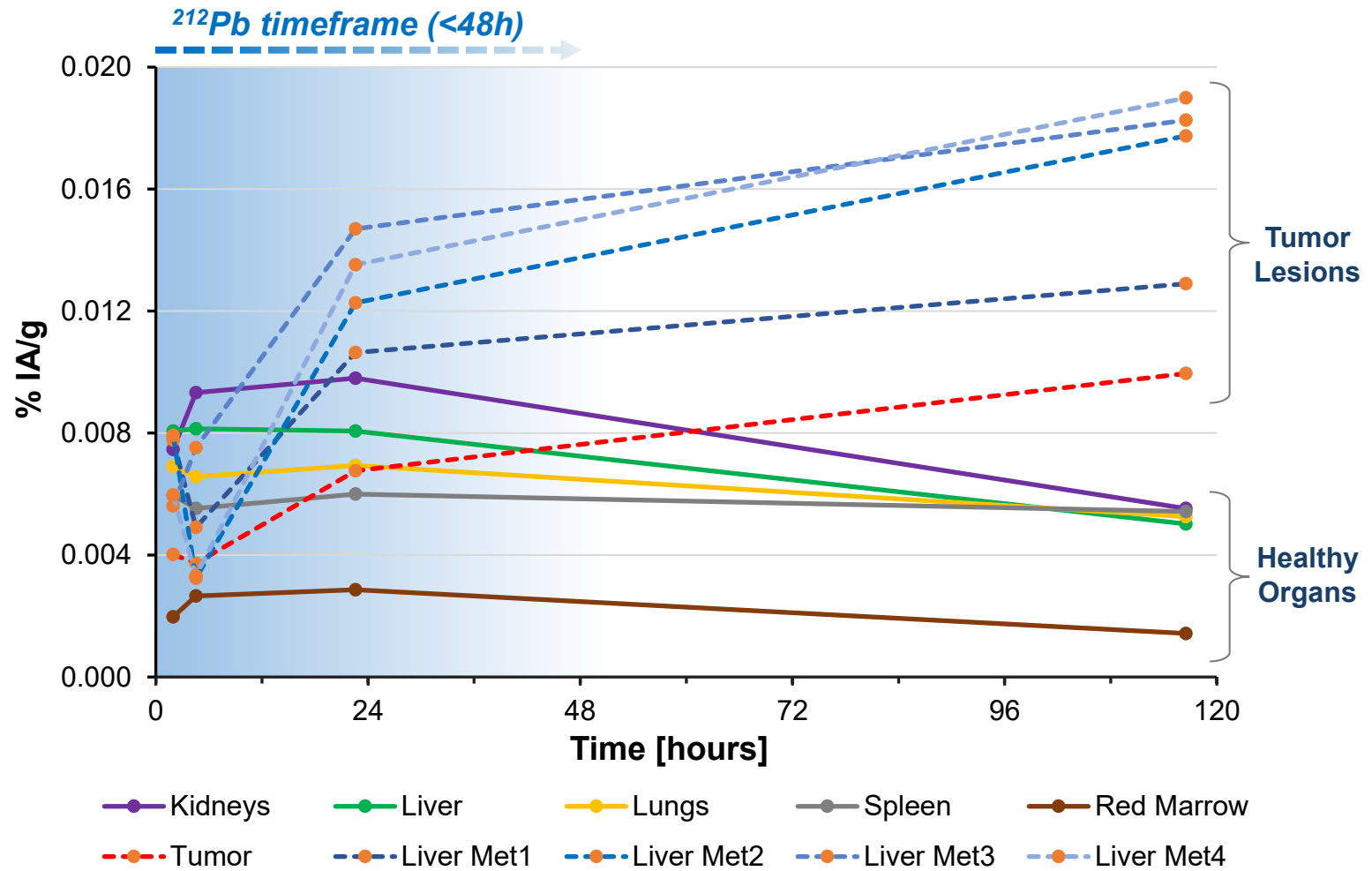
## Result

- Stage IV by MP0712 - SPECT with 4 liver mets



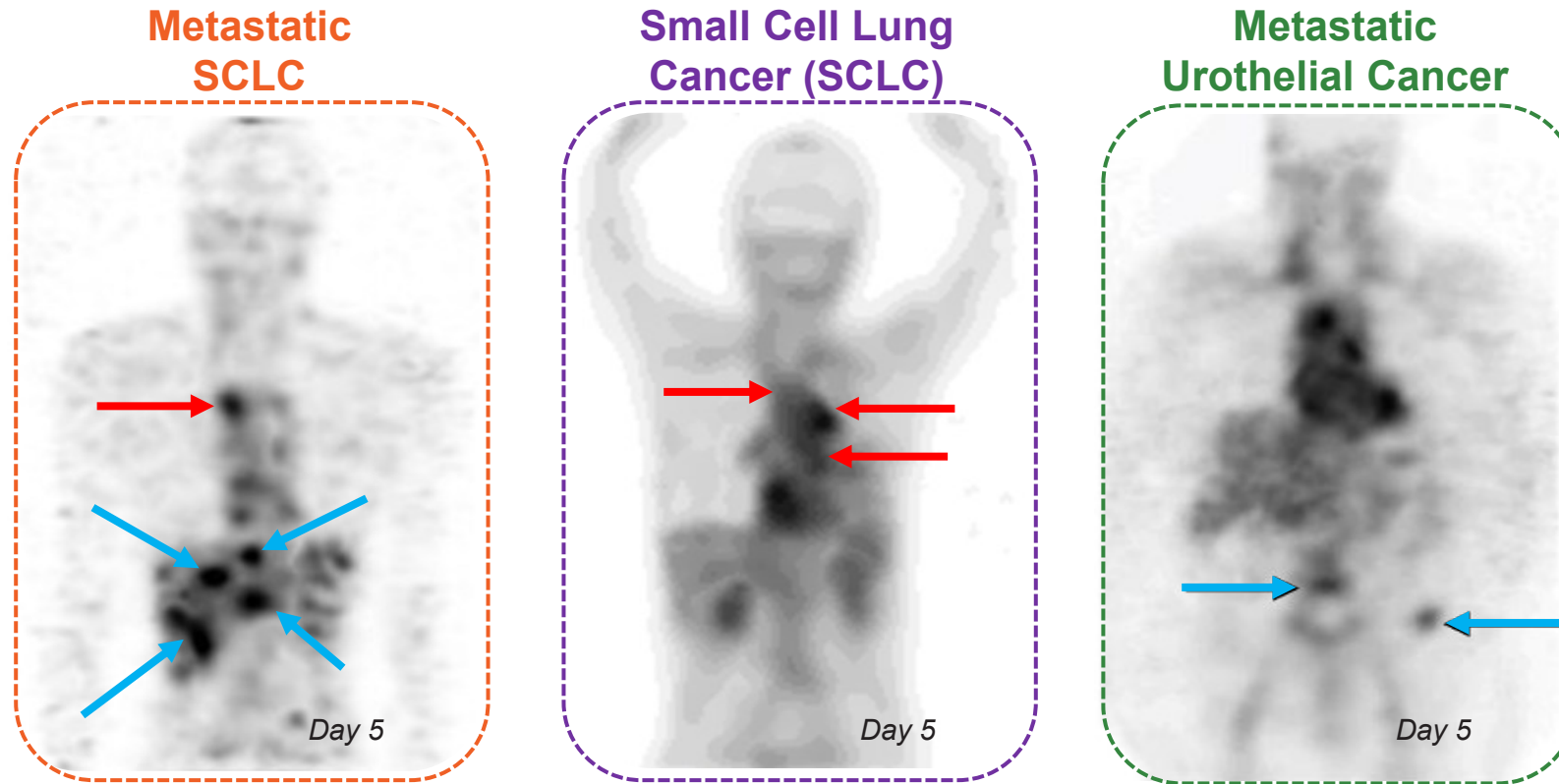
Initial high blood pool, followed by specific uptake in primary & metastatic lesions over time in line with MP0712 MoA

# Biodistribution Profile of $^{203}\text{Pb}$ -MP0712 in mSCLC Patient



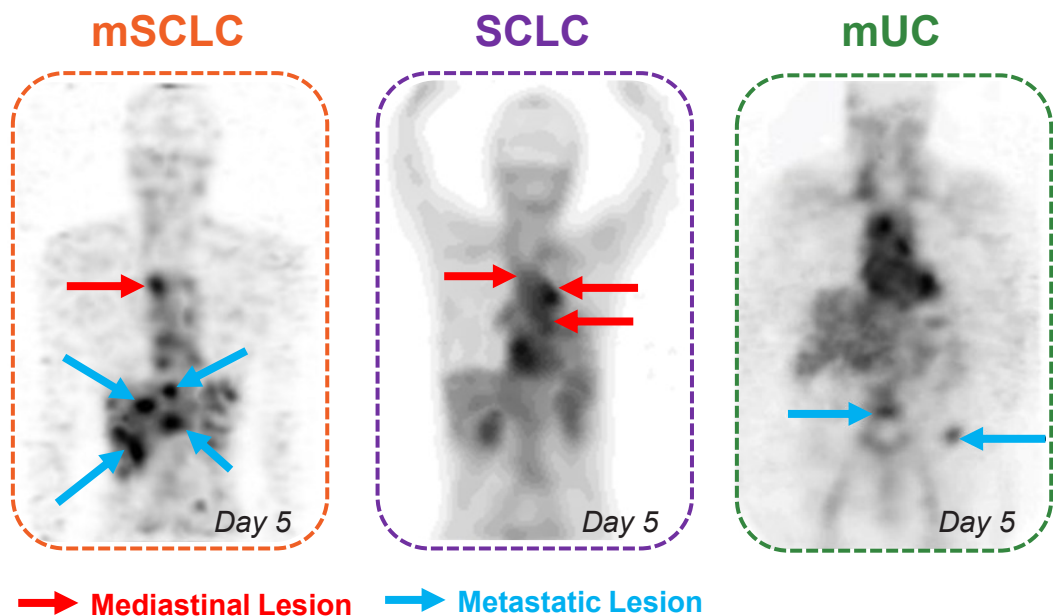
- **Continued tumor uptake** during imaging period (up to 116 h)
- **Higher uptake in liver metastases** as compared to primary lesion
- **Washout from healthy organs** visible from 24 h onwards
- Healthy organ profile consistent with profile observed in other patients

# Uptake of $^{203}\text{Pb}$ -MP0712 in Tumors of Patients with Different DLL3-Expressing Cancers

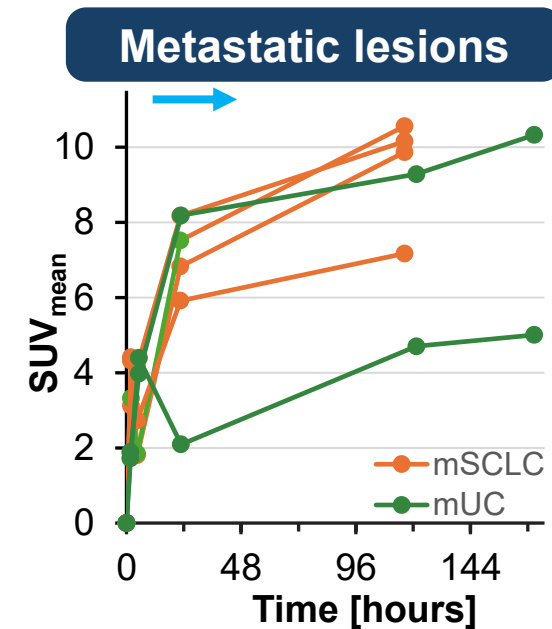
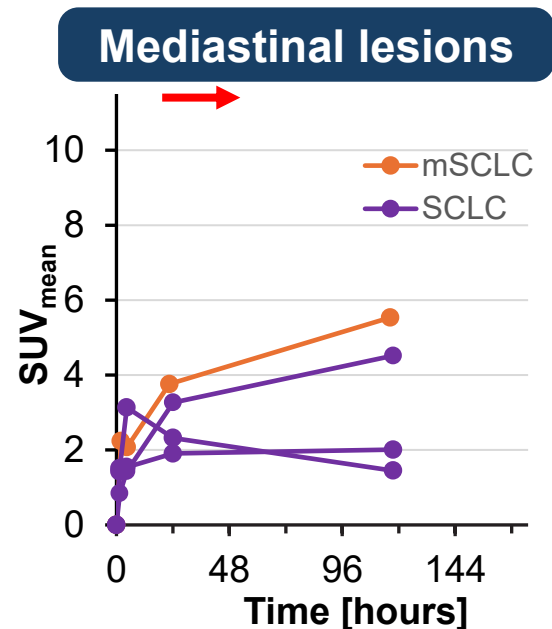


→ Mediastinal Lesion → Metastatic Lesion

# $^{203}\text{Pb}$ -MP0712 Uptake in Tumor Lesions



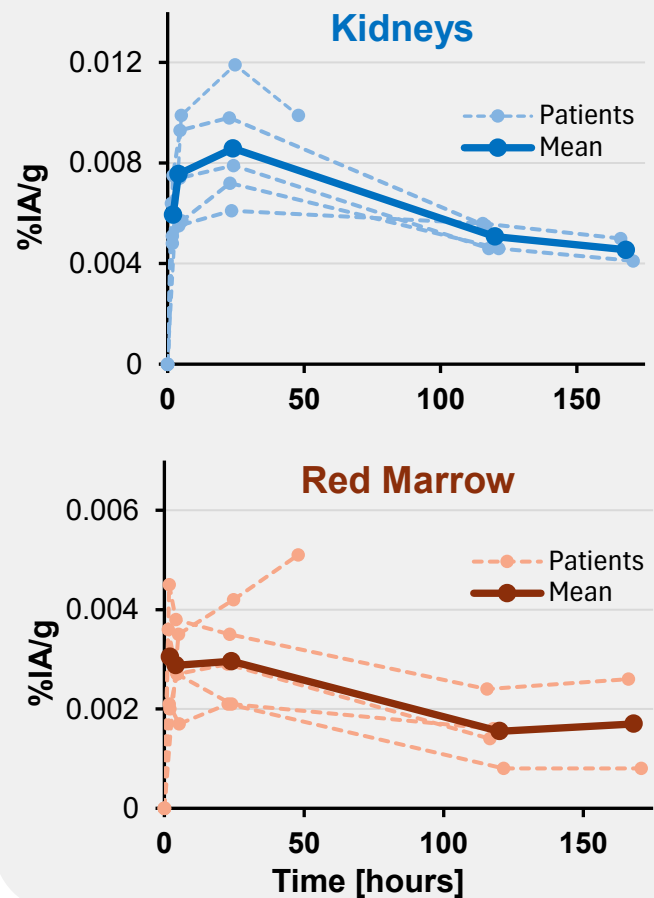
	$\text{SUV}_{\text{mean}}$	$\text{SUV}_{\text{max}}^*$
<b>mSCLC</b>	10.6 (Day 5)	67
<b>SCLC</b>	4.5 (Day 5)	88
<b>mUC</b>	10.3 (Day 7)	402



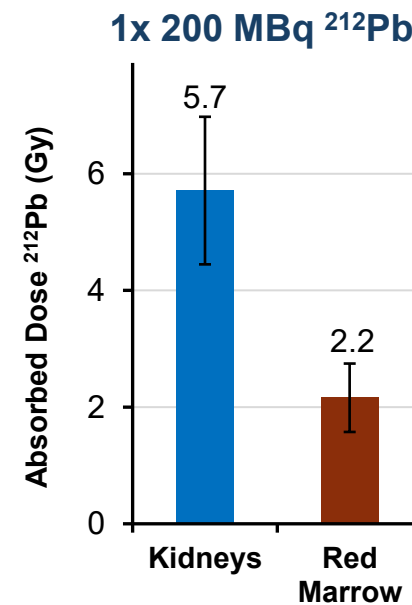
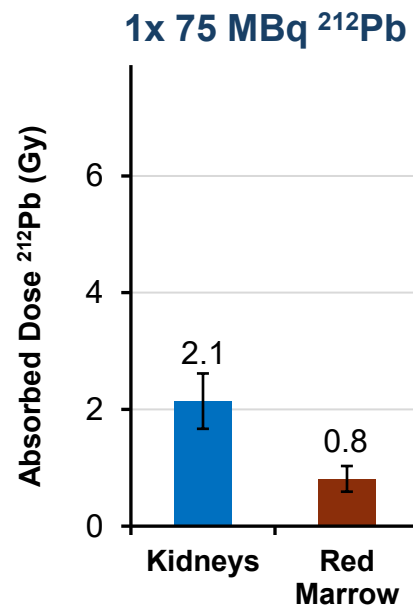
- **Progressive uptake** of MP0712 across different tumor types
  - ~80% of uptake reached at 24h
  - **Strong tumor retention** with continued uptake during imaging period (up to 7 days)
- **Preferential uptake in metastatic lesions**
  - **Ph1 study** in US expected to enroll **metastatic SCLC patients**

# MP0712 Organ Dosimetry and Projection to Phase 1

## <sup>203</sup>Pb Time-Activity Curves

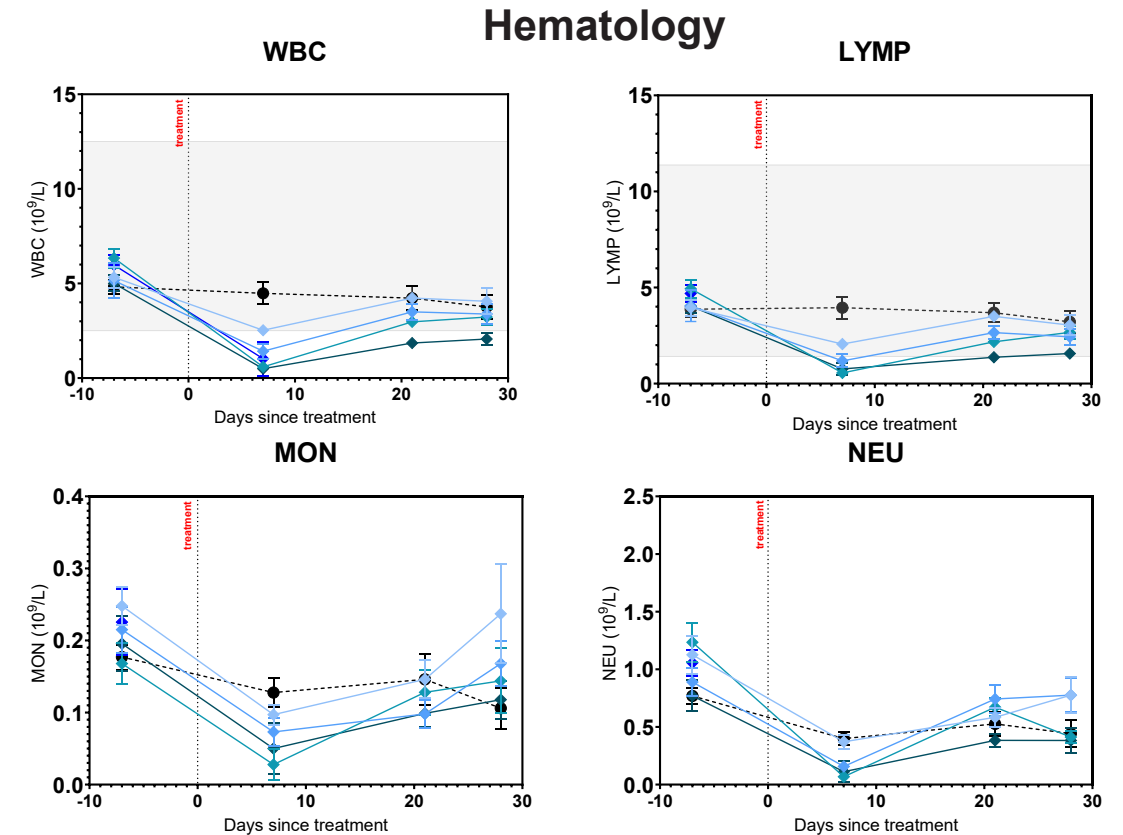
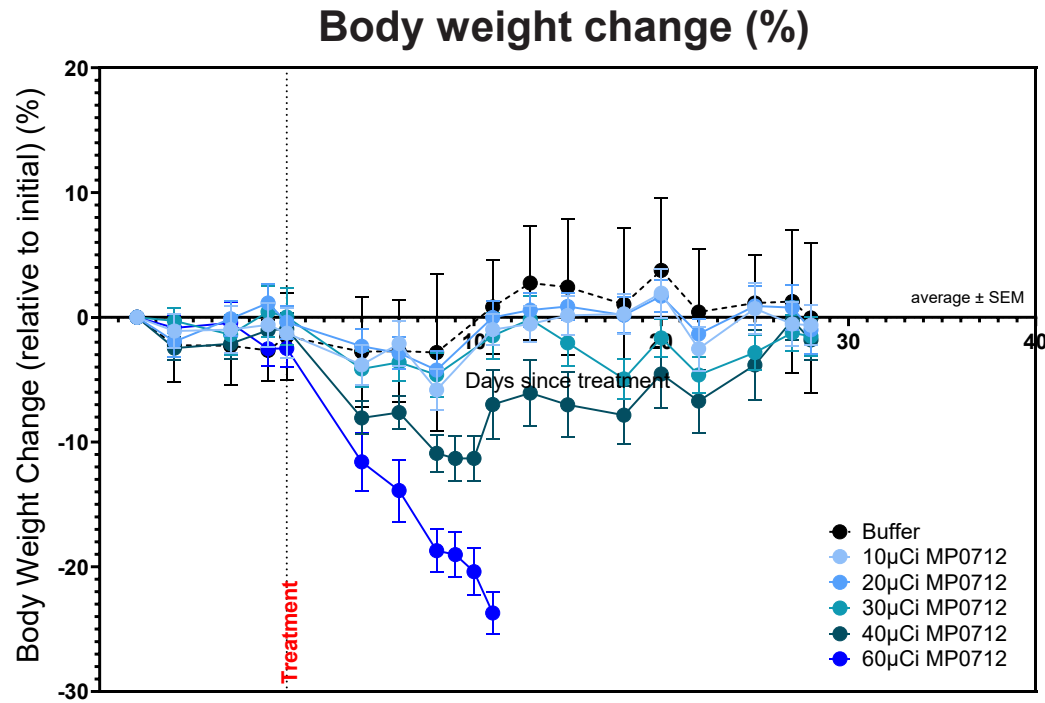


Dosimetry extrapolations suggest kidneys & red marrow as potential dose-limiting organs for <sup>212</sup>Pb-MP0712



- At Phase 1 starting dose (75 MBq) and at max. anticipated single dose (200 MBq) all healthy organs are within EBRT limits
- Monitor hematologic recovery to guide repeated dosing strategies

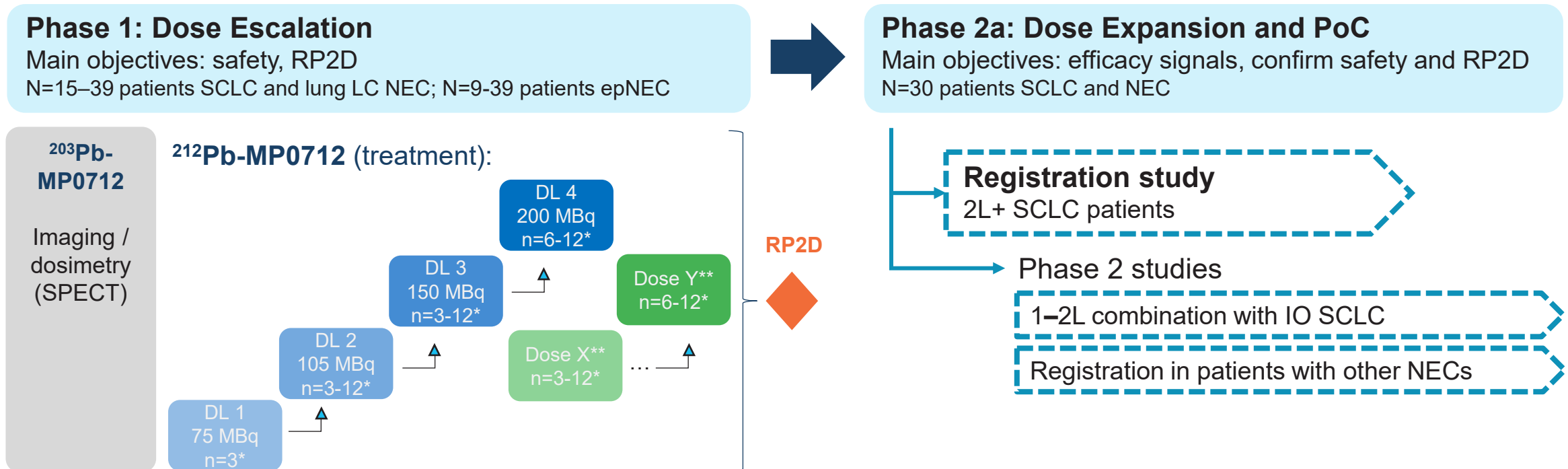
# MP0712 Preclinical Safety Data Support Heme Recovery Hypothesis



- Complete recovery of body weight loss after 10 days
- Complete recovery of hematologic profile after 28 days
- MP0712 treatment up to 30  $\mu$ Ci / 1.11 MBq well tolerated

# MP0712 Phase 1/2a Study for SCLC and other NECs

- First-in-Human, US multicenter, Phase 1/2a study of MP0712 monotherapy (NCT07278479)
- Patients with small cell lung cancer (SCLC) and other neuro-endocrine cancers (NECs)
  - Every patient will be imaged ( $^{203}\text{Pb}$ ) before treatment ( $^{212}\text{Pb}$ )
  - Patient pre-selection on DLL3 expression: not planned for SCLC and LC NEC of lung, foreseen for epNEC



\* Evaluable patients (Bayesian Logistic Regression Model guided dose escalation)

# Clinical Perspective on Data Presented

## ➤ All boxes checked:

- First **favorable in human biodistribution** represents an important milestone
- $^{203}\text{Pb}$ -MP0712 SPECT images indicate **strong tumor uptake** visible until 120-168h
- Majority of tumor lesions show increased uptake over time, whereas **normal organ uptake seems to wash out**
- Visual and dosimetric results clear the bar of first in human therapy trial with **highest intended starting dose within EBRT limits**



**Prof. Ken Herrmann, M.D.**

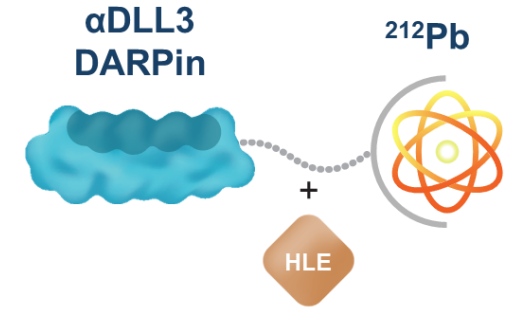
Chair, Department of Nuclear Medicine,  
University Hospital Essen, Germany

&

Chair, Scientific Advisory Board,  
Molecular Partners

➤ Next: **see how the therapeutic ( $^{212}\text{Pb}$ -MP0712) performs in patients:**  
now clinical parameters are key

# MP0712 Conclusions



## Conclusion

- **Optimized tumor uptake and retention**, by leveraging DLL3 replenishment/internalization
- **Favorable biodistribution and dosimetry on healthy organs**
- **Support MP0712 Phase 1 study design** starting at meaningful dose for DLL3+ indications

## Outlook

- **MP0712 Phase 1/2a study open** in the US, recruitment open
- **Initial safety data anticipated in H1 2026**, initial **activity in H2 2026**



# MP0726

## Targeted Radiotherapy for Ovarian Cancer

- Targeting membrane-bound MSLN
- Progressing to FIH imaging



# $^{212}\text{Pb}$ x MSLN Targeted Radio-DARPin for Ovarian Cancer (OC)

*Combining distinctive DARPin features with the power of  $^{212}\text{Pb}$  for next-gen targeted alpha therapy*

## OC: high medical need and marginal progress

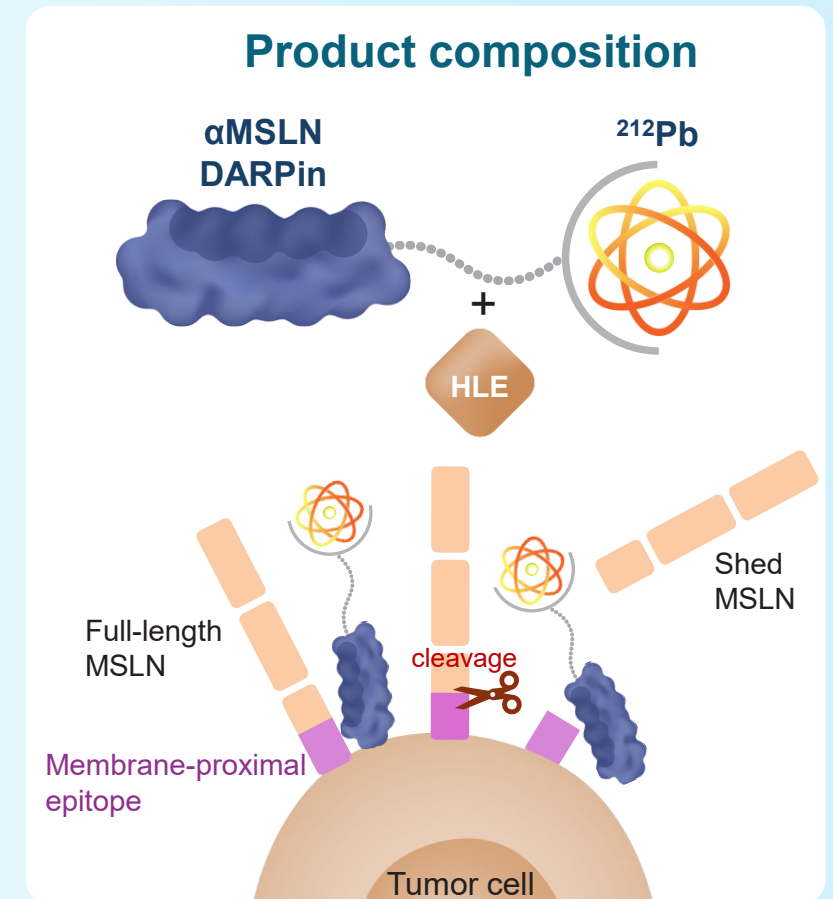
- > 50% patients die within 5 years post-diagnosis (diagnosis often in late stage)
- Poor treatment options: ~80% recurrence rate post 1L chemo, limited 2L options (FR $\alpha$ -targeted Tx relevant for only 40% patients)

## MSLN: a promising target for OC as 1<sup>st</sup> indication

- Highly expressed in OC (>80% prevalence), expression maintained in metastases
- Shed MSLN detected in serum of OC patients, might limit efficacy of MSLN-targeted therapies<sup>1,2,3,4</sup> (e.g., CAR T/NK, ADC, TCE in development)

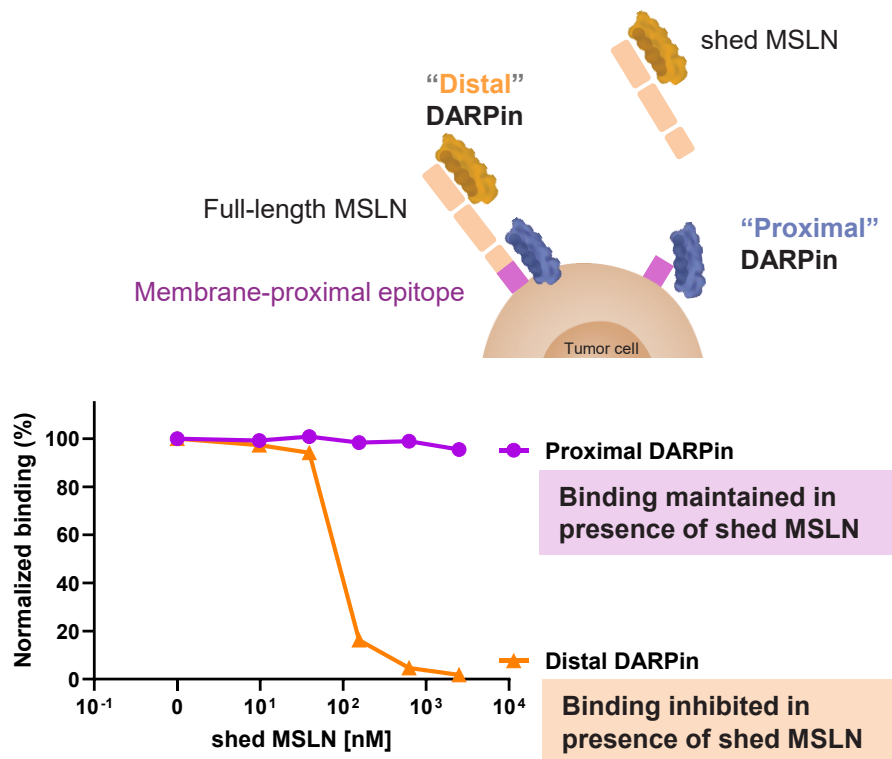
## RDT x MSLN: targeted delivery of alpha radiation with $^{212}\text{Pb}$

- MSLN DARPin targets **membrane-proximal epitope** (and not shed MSLN)
- $^{212}\text{Pb}$  payload: high energy alpha emissions in short time frame
- Potential for combinations with immunotherapy (incl. next-gen TCEs)

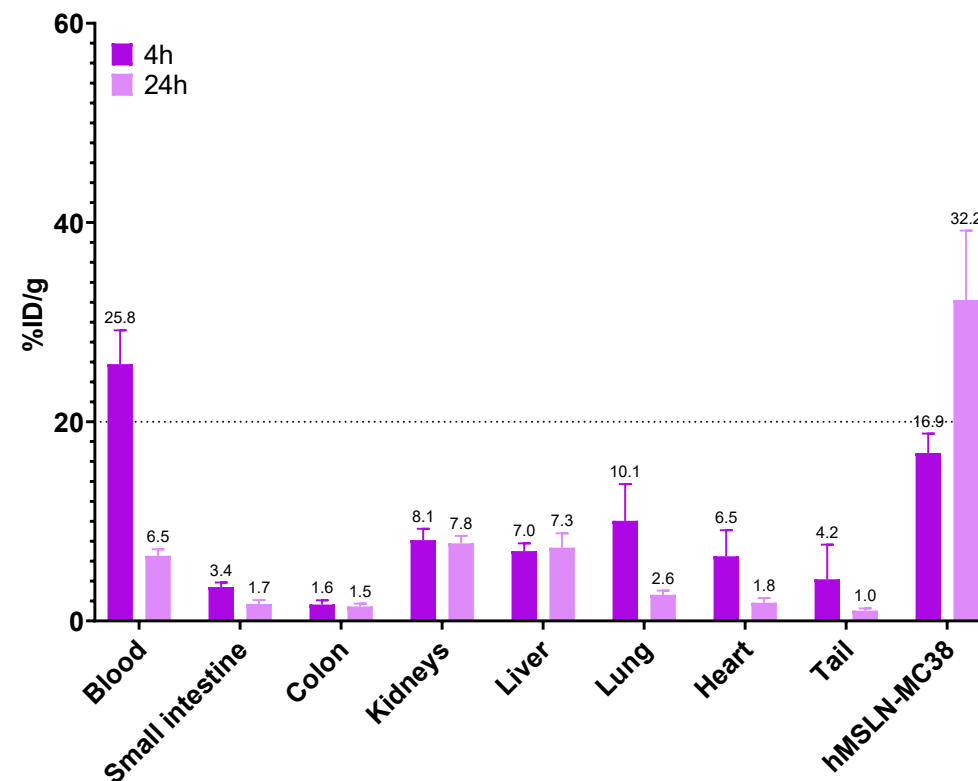


# MP0726: $^{212}\text{Pb}$ x MSLN Radio-DARPin for Ovarian Cancer

## Cell binding maintained despite shed MSLN

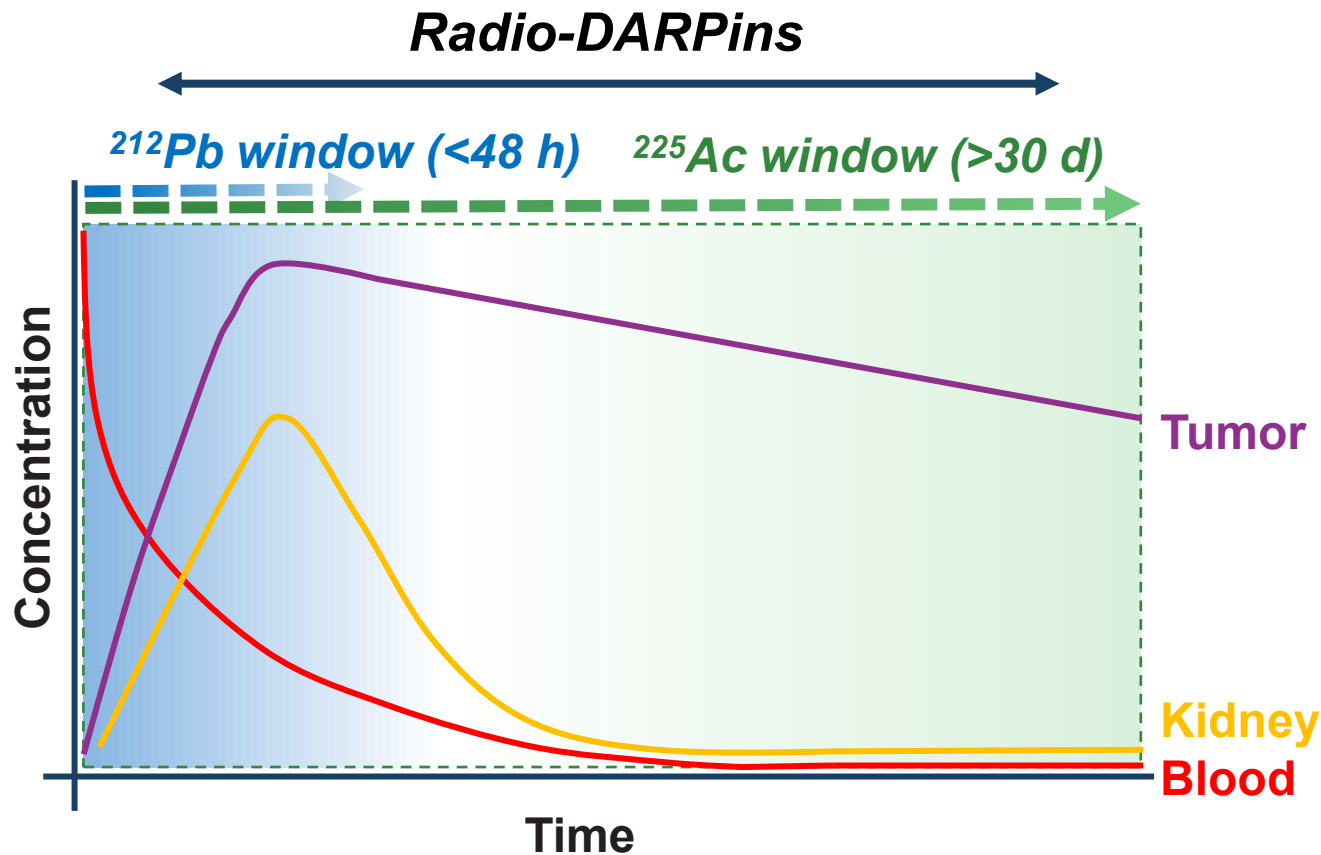


## Favorable biodistribution in hMSLN-MC38 tumor model

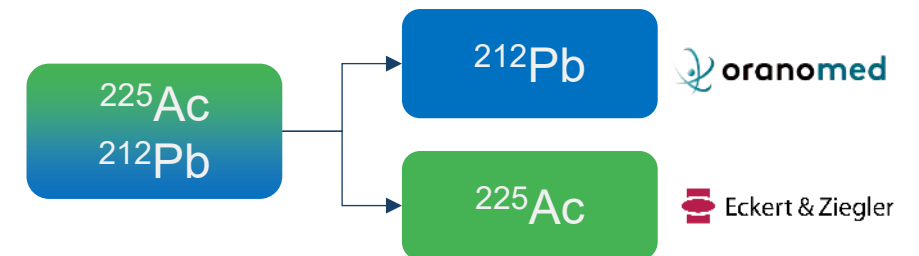


**Outlook:** Progressing MP0726 to FIH imaging

# Long tumor retention make DARPin alpha-agnostic

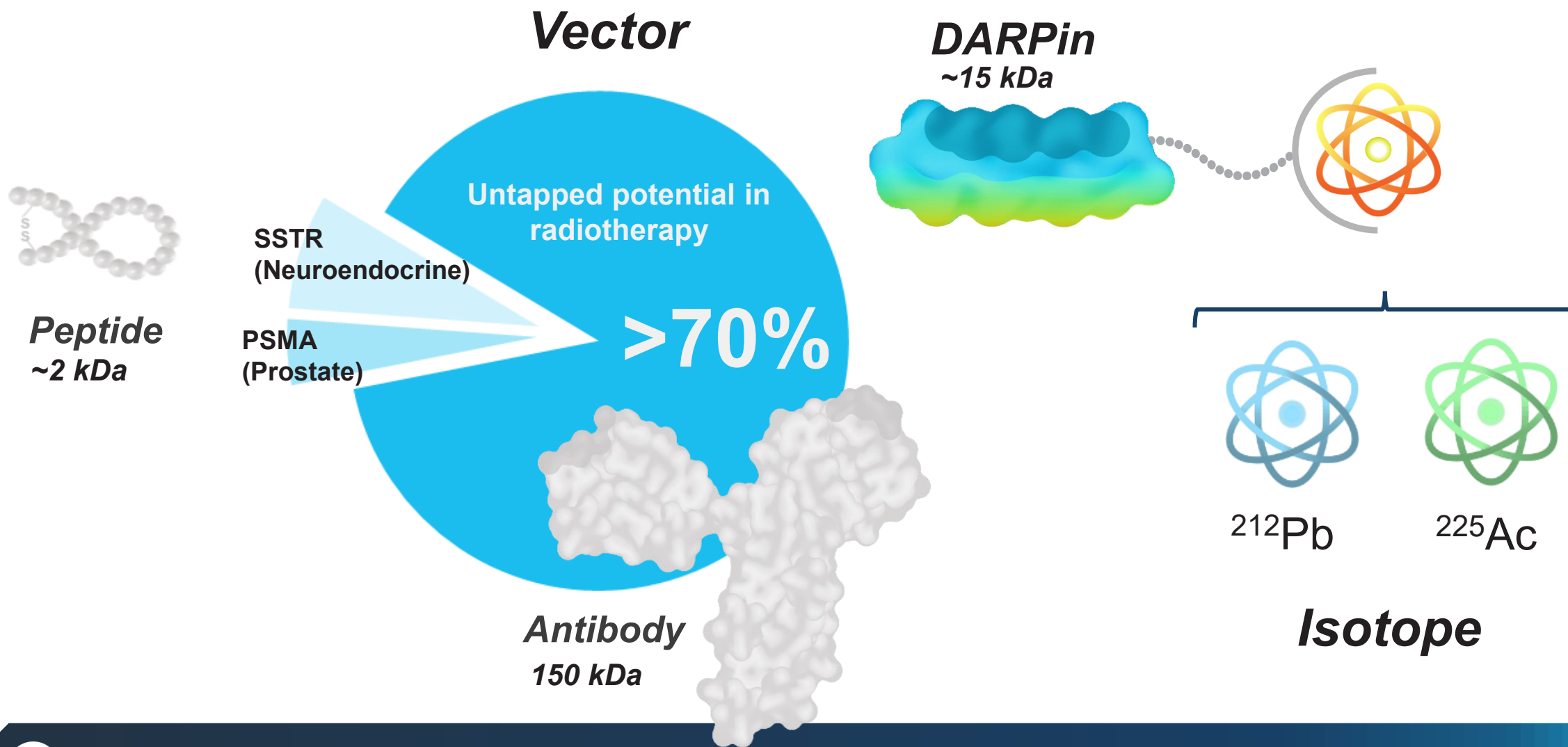


- DARPin profile can work for both  $^{212}\text{Pb}$  and/or  $^{225}\text{Ac}$
- Opportunity to evaluate both isotopes in parallel and decide on the best isotope with data



Data on interchangeability of chelators and isotopes for Radio-DARPin  
to be presented at 3<sup>rd</sup> Global Radiopharmaceuticals Development Summit in March 2026

# Radio-DARPin – Isotope-Agnostic Vector play








# Concluding Remarks & Outlook



# Our Radio-DARPin Pipeline – News Flow in 2026

PLATFORM	CANDIDATE	RESEARCH	PRE-CLINICAL	PHASE 1	PHASE 2
Radio-DARPin Therapy (RDT)	<b>MP0712</b>	<b>SCLC &amp; NECs</b> <i><sup>212</sup>Pb x DLL3</i>		 Co-development*	Aim: 1 cohort per Q Safety in H1, activity H2
	MP0726	<b>Ovarian Cancer</b> <i><sup>212</sup>Pb x MSLN</i>	 Co-development*	Progress MP0726 into FIH	
	Undisclosed Programs (Solid Tumors)	<b>Radio - C</b> <b>Radio - D</b> <b>Radio - E</b> <b>Radio - F</b>	<sup>212</sup> Pb <sup>225</sup> Ac <sup>225</sup> Ac <sup>212</sup> Pb	Evaluate Radio-DARPin candidates in alpha-agnostic manner and nominate new RDT programs	

# Our Pipeline – Up-Side Potential outside Radio

PLATFORM	CANDIDATE	RESEARCH	PRE-CLINICAL	PHASE 1	PHASE 2	PHASE 3
Radio-DARPin Therapy (RDT)	MP0712	SCLC & NECs <i><sup>212</sup>Pb x DLL3</i>				
	MP0726	Ovarian Cancer <i><sup>212</sup>Pb x MSLN</i>	 <b>oranomed</b> Co-development*			
	Undisclosed Programs (Solid Tumors)	Radio - C				
		Radio - D				
Radio - E						
Next-Gen Immune Cell Engagers	MP0317	Advanced Solid Tumors <i>FAP x CD40</i>				
	MP0533	r/r AML and AML/MDS <i>CD33 x CD123 x CD70 x CD3</i>				
	Switch-DARPin T Cell Engager	<i>CD3 x CD2 x MSLN x EpCAM</i>				
	MP0621 (Switch-DARPin)	HSCT <i>cKit x CD16a x CD47</i>				

Additional programs with up-side potential & [minimal MP investment]

# Outlook and Milestones in 2026

## MP0712

- **First-in-Human Phase 1 study open in US, recruitment open**
- Full imaging and dosimetry data from South Africa presentation at TWC in January 2026
- Initial safety data from Phase 1 anticipated in H1 2026, initial activity in H2 2026

## Radio-DARPin Therapy (RDT)

- Progress **MP0726 towards FIH imaging**
- Nomination of new RDT programs mid 2026

## MP0533

- Conclusion of dose escalation, update in H1 2026
- **Investigator-initiated combo trials** under discussion

## Switch-DARPin

- **Lead candidate selection** in H1 2026, update at AACR 2026

## MP0317

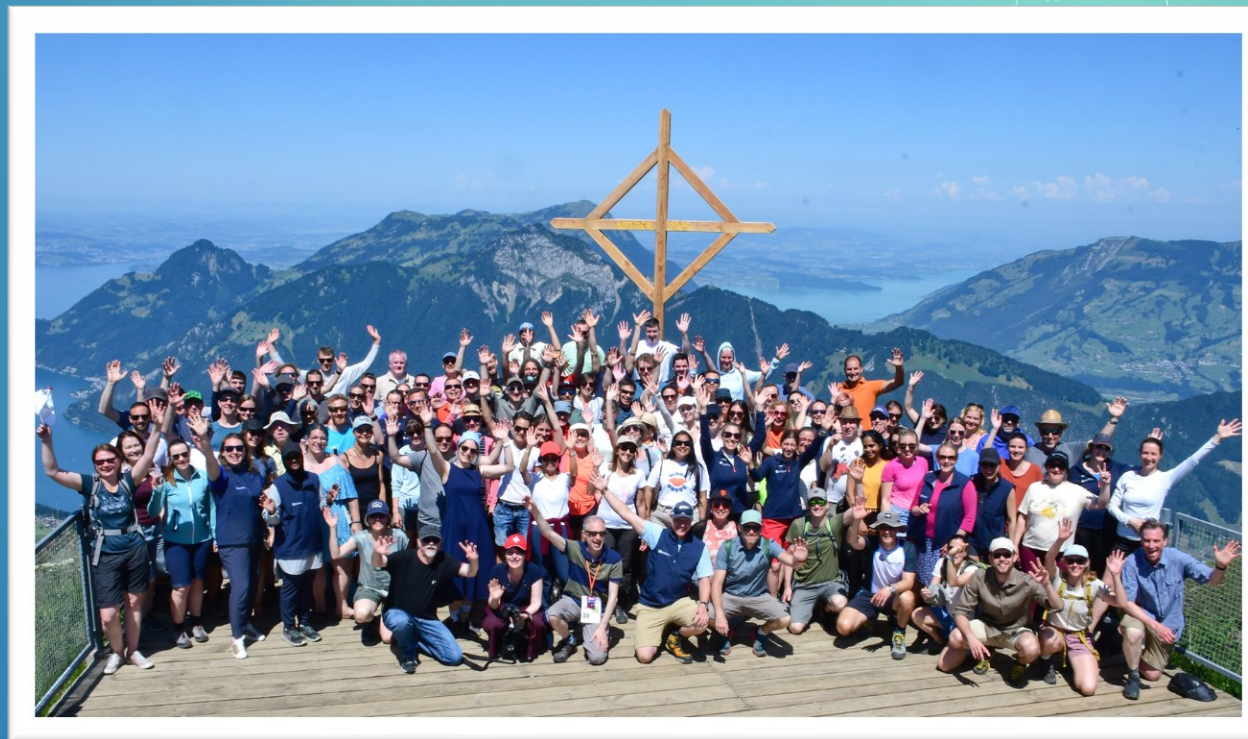
- **Phase 2 investigator-initiated combo study started** in France, now dosing patients

**Cash USD ~116 M** (CHF 93.1 M\*, incl. short-term time deposits) ensures funding until 2028



*Twenty Years of Pioneering  
DARPin Therapeutics for Patients*

# Thank You



Our Team, Summer 2025