

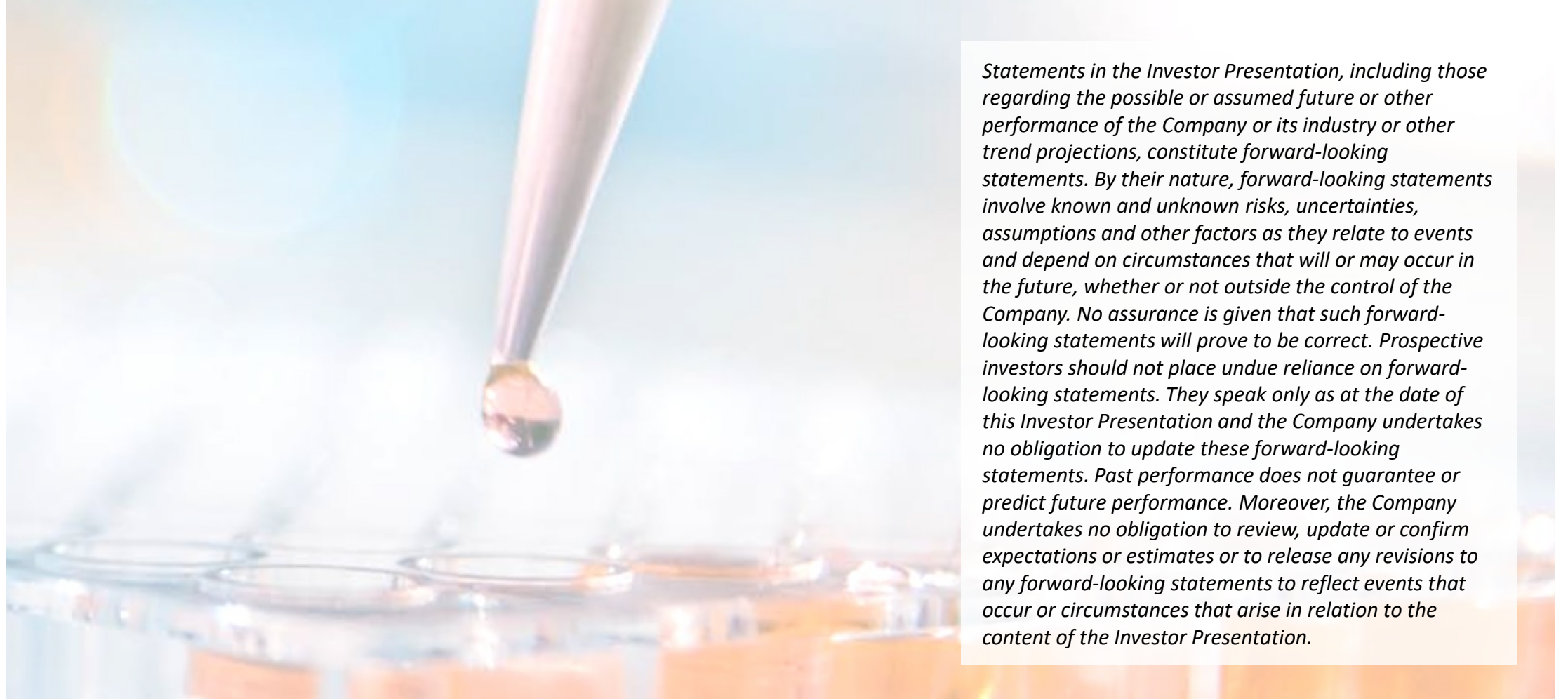


Targeting IL1RAP to address unmet needs in severe cancer and autoimmune diseases

*Corporate Presentation  
September 2024*

**NASDAQ STOCKHOLM MAIN LIST (CANTA.ST)**

# Safe Harbor Statement



*Statements in the Investor Presentation, including those regarding the possible or assumed future or other performance of the Company or its industry or other trend projections, constitute forward-looking statements. By their nature, forward-looking statements involve known and unknown risks, uncertainties, assumptions and other factors as they relate to events and depend on circumstances that will or may occur in the future, whether or not outside the control of the Company. No assurance is given that such forward-looking statements will prove to be correct. Prospective investors should not place undue reliance on forward-looking statements. They speak only as at the date of this Investor Presentation and the Company undertakes no obligation to update these forward-looking statements. Past performance does not guarantee or predict future performance. Moreover, the Company undertakes no obligation to review, update or confirm expectations or estimates or to release any revisions to any forward-looking statements to reflect events that occur or circumstances that arise in relation to the content of the Investor Presentation.*

# Cantargia – Investment highlights



## **NOVEL IL1RAP ANTIBODIES, POTENTIAL TO TREAT CANCER & INFLAMMATORY DISEASE**

- IL1RAP elevated in most solid and liquid tumors
- IL1RAP signaling drives several autoimmune and inflammatory diseases



## **NADUNOLIMAB: CLEAR ACTIVITY SIGNALS IN CANCER THERAPY WITH UPCOMING CATALYSTS**

- Strong clinical interim results in PDAC and NSCLC, and promising initial results in TNBC; >300 patients treated
- Randomized Phase II trial ongoing in TNBC (initial data late 2024); Phase IIb trial in preparation in PDAC (top-line data 2025)



## **CAN10: OPPORTUNITY IN AUTOIMMUNITY/INFLAMMATION**

- Pronounced activity in models of systemic sclerosis, myocarditis, psoriasis, atherosclerosis and inflammation
- Phase I clinical trial ongoing, initial results show good safety and receptor occupancy.



## **CORPORATE STRENGTH DRIVING INNOVATION**

- Cash position with runway into 2025 (105MSEK (10 MUSD) cash & equivalents at Q2 2024)
- Robust patent portfolio: IL1RAP antibody target in oncology (2032), nadunolimab (2035) and CAN10 (2041)

# Current pipeline

Asset	Indication	Discovery	Preclinical	Phase 1	Phase 2	Phase 3	
<b>Nadunolimab</b>	PDAC**, TNBC*, NSCLC**	[Progress bar spanning Discovery, Preclinical, and Phase 1]					
<b>CAN10</b>	Hidradenitis Suppurativa Systemic Sclerosis	[Progress bar spanning Discovery and Preclinical]					
<b>CANxx</b>	New opportunities within IL1RAP platform	[Progress bar in Discovery]					

PDAC – pancreatic cancer; TNBC – triple-negative breast cancer; NSCLC – non-small cell lung cancer  
 \*) Recruitment in randomized phase 2 trial ongoing in TNBC  
 \*\*) Recruitments finalized

The background of the slide is a microscopic image of cells, likely lymphocytes, stained with a blue dye. The cells are spherical and have a complex, textured surface. The overall color scheme is a monochromatic blue, with varying shades of cyan and teal. The text is centered horizontally across the middle of the image.

CAN10 – OPPORTUNITY IN AUTOIMMUNE/INFLAMMATORY DISEASE

# CAN10 first-in-human study - SAD part

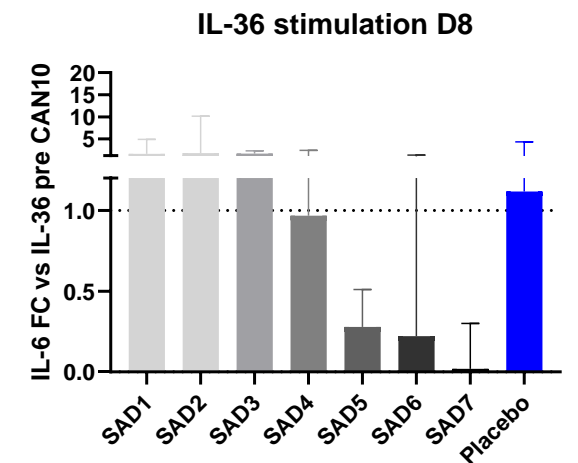
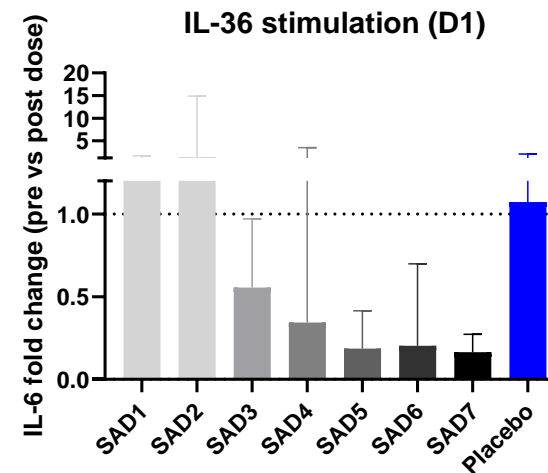
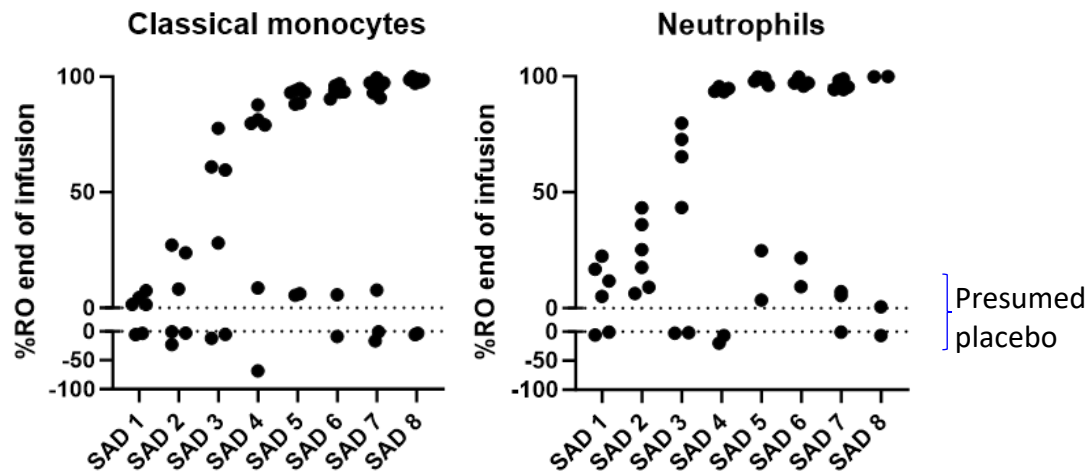
## Design

- Blinded, placebo-controlled study
- Nine dose groups from 1 to 400 mg CAN10 incl 2 patients on placebo in each group

## Results

- No safety signals
- Receptor occupancy documented (at Cmax)

- Strong PD effects (IL-36 at Cmax and day 8)



AFTER SUCCESSFUL SAD, MULTIPLE DOSING INVESTIGATED IN PSORIASIS PARTICIPANTS

# Overview of Hidradenitis Suppurativa (HS)

## HS – a severe chronic inflammatory skin disease

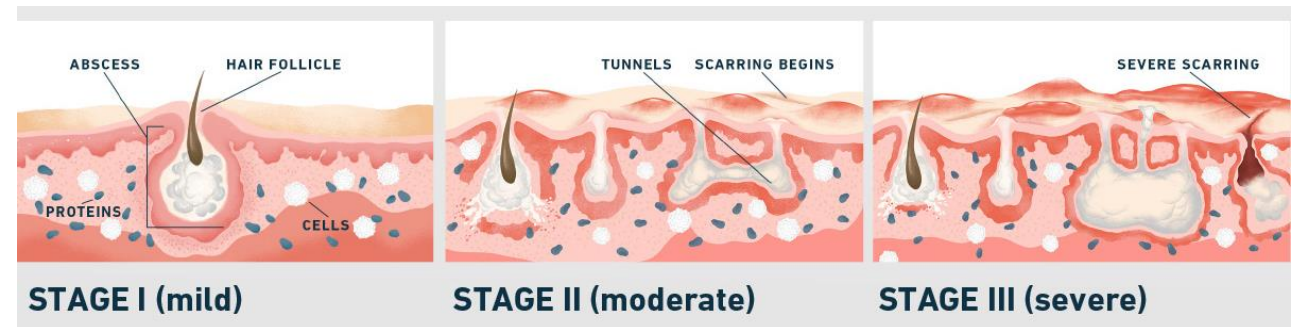
- HS is a diverse disease with several inflammatory components involved in the pathology
- Estimated HS prevalence of 0.7-1.2%

## Inadequate current treatments

- Antibiotics
- Steroids
- Anti-TNF $\alpha$  (Humira), anti-IL-17 (Cosentyx)
  - ~50% respond to each in trials
- Huge medical need
  - Non-responders
  - Refractory patients



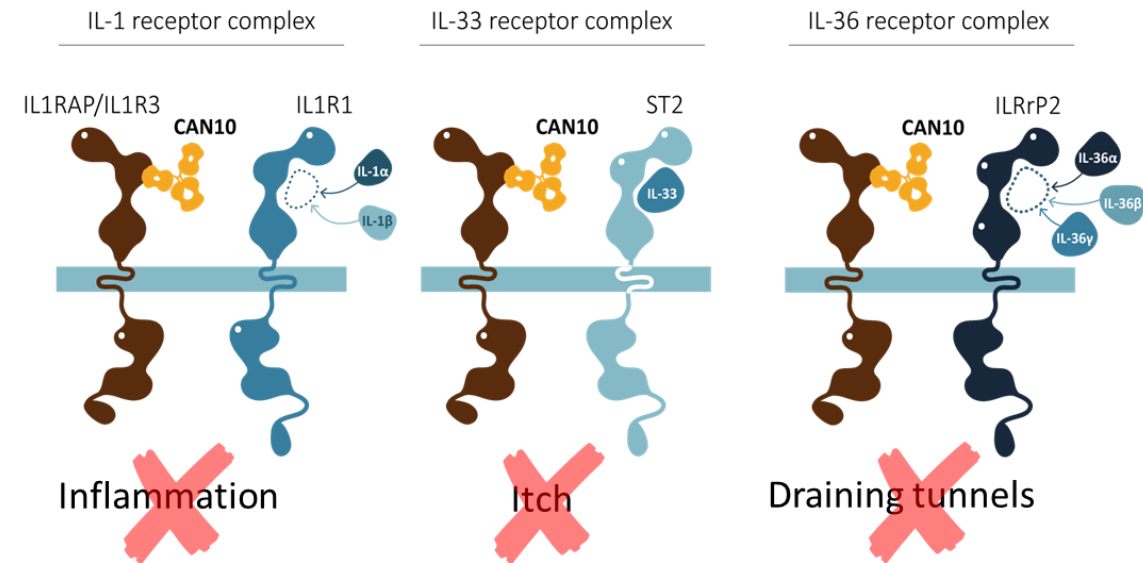
*Hurley stage I (a), II (b) and III (c)<sup>1</sup>*



*Schematic overview of Hurley stage I-III in HS<sup>2</sup>*

# CAN10 for treatment of Hidradenitis Suppurativa (HS)

- **CAN10 has strong potential to address an unmet medical need in HS**
  - IL-1 $\alpha/\beta$ , IL-33 and IL-36 $\alpha/\beta/\gamma$  are jointly upregulated in HS lesional skin, individual targeting likely to be insufficient
- **Key clinical evidence supporting IL-1 family blockade in HS**
  - **Lutikizumab** validates combined IL-1 $\alpha$  and IL-1 $\beta$  blockade in a large, well controlled Phase 2 trial (NCT05139602) in patients failing anti-TNF therapy. Efficacy comparable with other HS therapies despite a more severe patient population<sup>1</sup> Phase 3 ongoing.
  - **Spesolimab** (anti-IL36R mAb) showed positive results in a Phase 2 randomized controlled study (NCT04762277)<sup>2</sup>



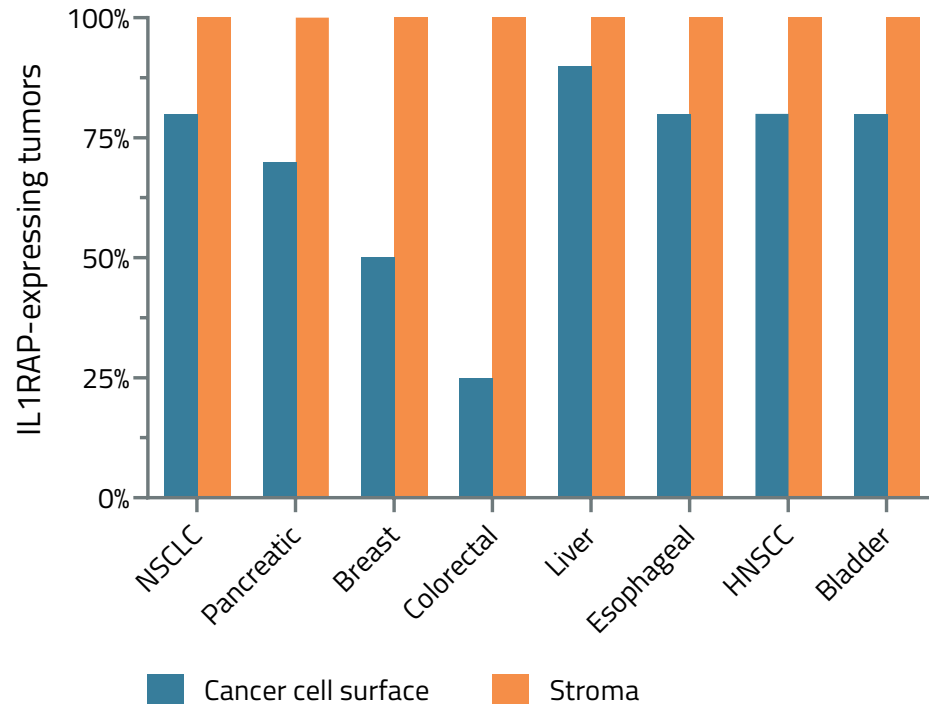




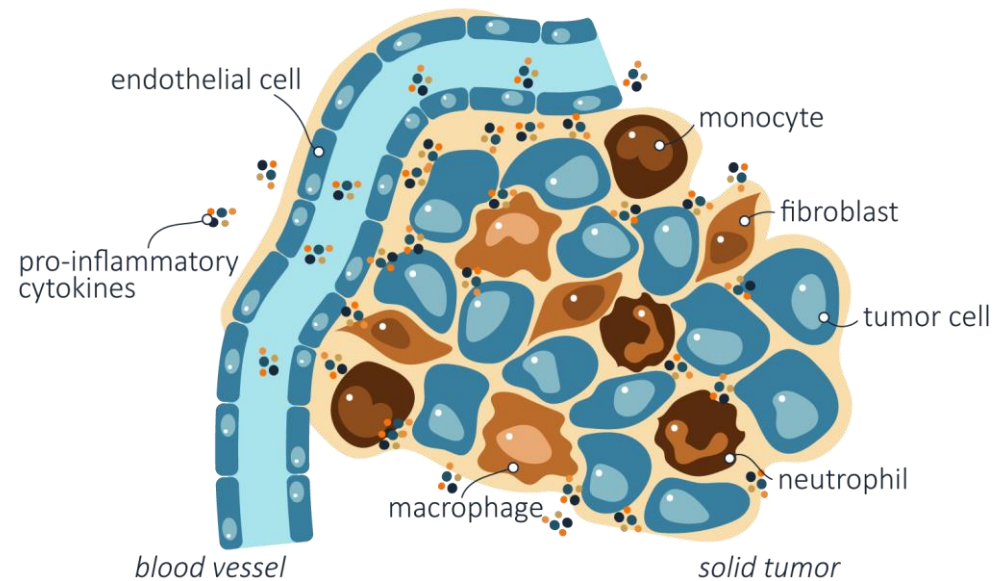
## NADUNOLIMAB (CAN04) OVERVIEW

# IL1RAP overexpressed in most solid tumors

## IL1RAP EXPRESSION IN SOLID TUMOR TYPES

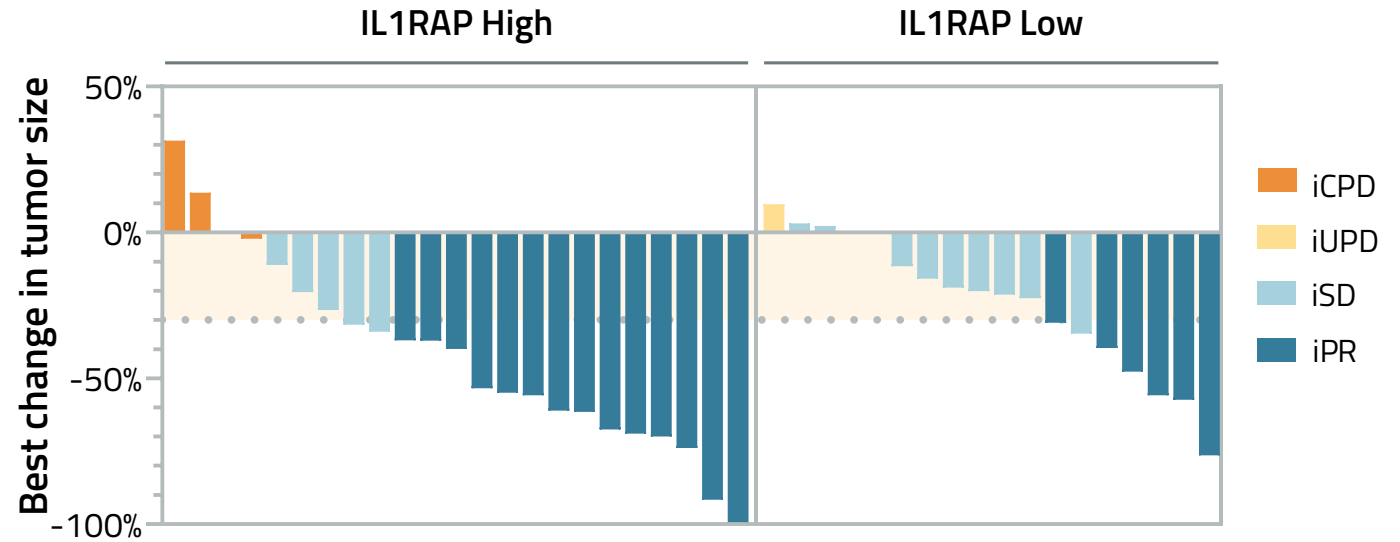
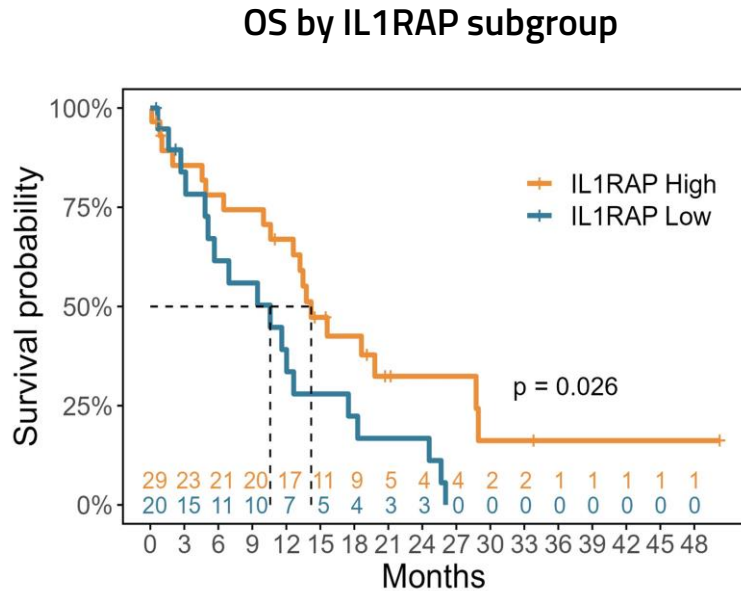


## SEVERAL TUMOR-PROMOTING CELLS EXPRESSING IL1RAP IN THE TUMOR MICROENVIRONMENT



**IL1RAP – DISTINCTLY OVEREXPRESSED IN TUMORS; LOW EXPRESSION IN NORMAL TISSUE**

# Pancreatic cancer – Efficacy and IL1RAP level

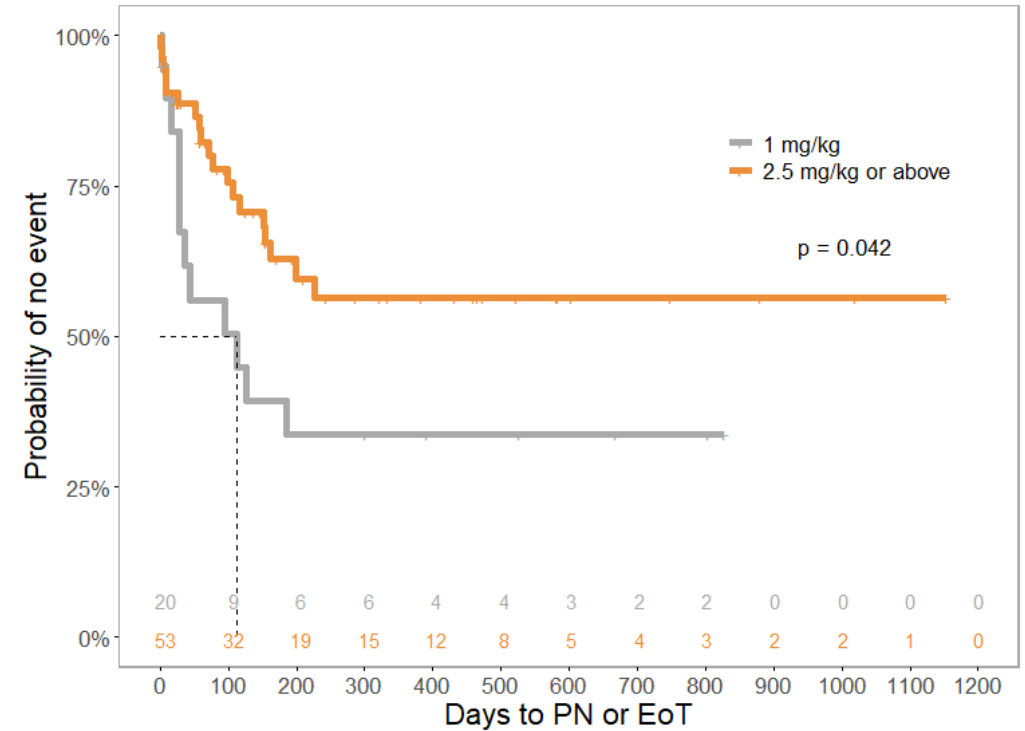
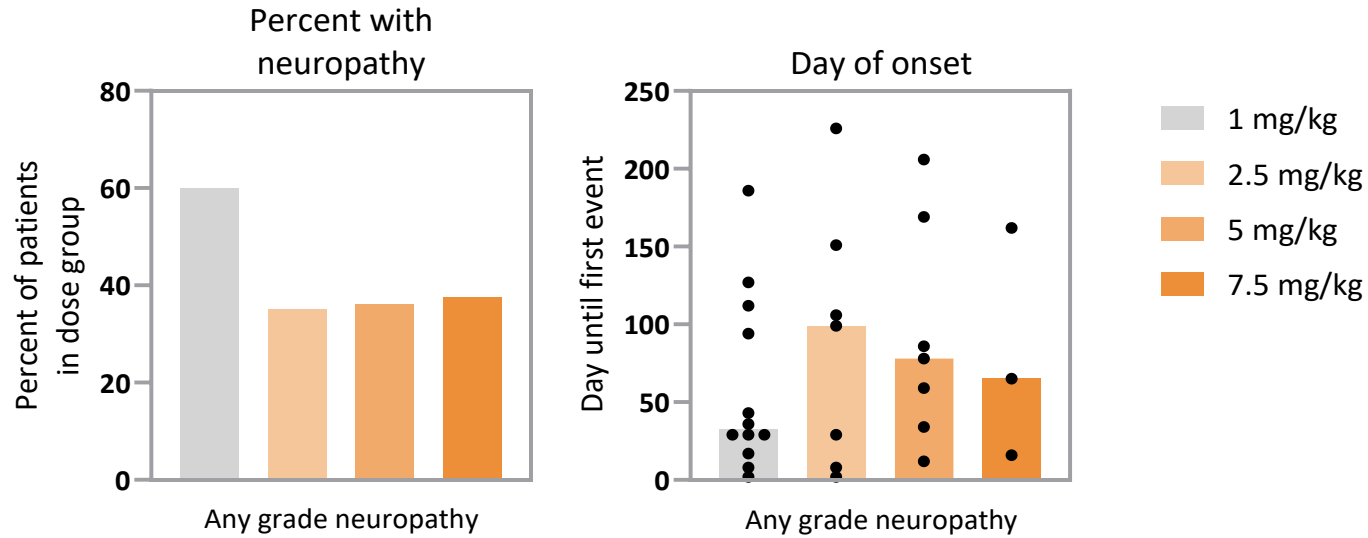


## Efficacy analysis for IL1RAP High (n=29) vs IL1RAP Low (n=20) PDAC patients (1<sup>st</sup> line, combination with Gem/Abraxane):

- Significantly prolonged OS in ILRAP High vs IL1RAP Low patients (14.2 vs 10.6 mo; p=0.026)
- Deeper and more durable responses in IL1RAP High subgroup: 11 patients had 50% or more tumor size decrease

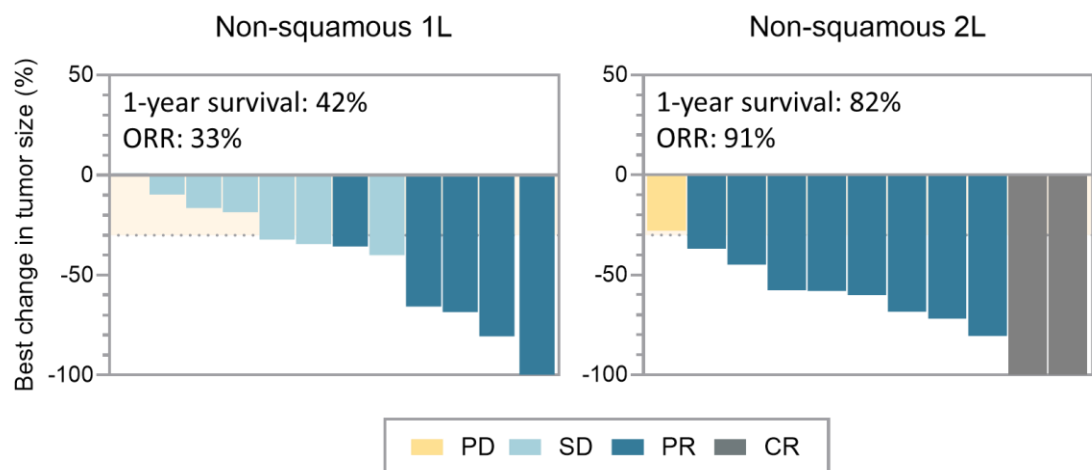
**IL1RAP HIGH PATIENTS SHOW THE STRONGEST BENEFIT**

# Nadunolimab and alleviation of neuropathy



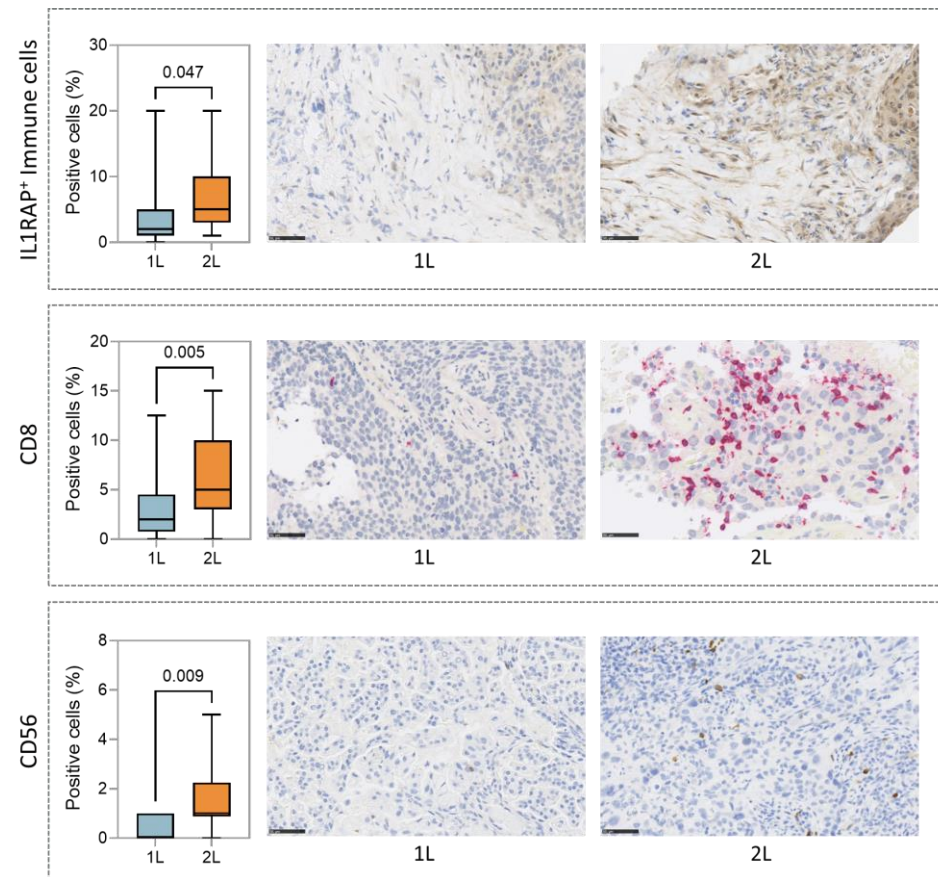
**CORRELATION WITH NADUNOLIMAB AND DECREASE IN NEUROPATHY**

# Non-small cell lung cancer: Strongest effects in patients no longer responding to PD1-inhibitors



Efficacy parameter (95% CI)	Non-squamous	
	1L (n=15)	2L (n=11)
OS; median, months	11.6 (5.8-22.0)	26.7 (6.2-NE)
PFS; median, months	6.3 (2.7-11.3)	10.4 (5.3-22.2)
1-year survival*	42% (16-65)	82% (45-95)
ORR	33% (12-62)	91% (59-100)
DoR; median, months	9.9 (4.4-NE)	9.1 (3.7-NE)

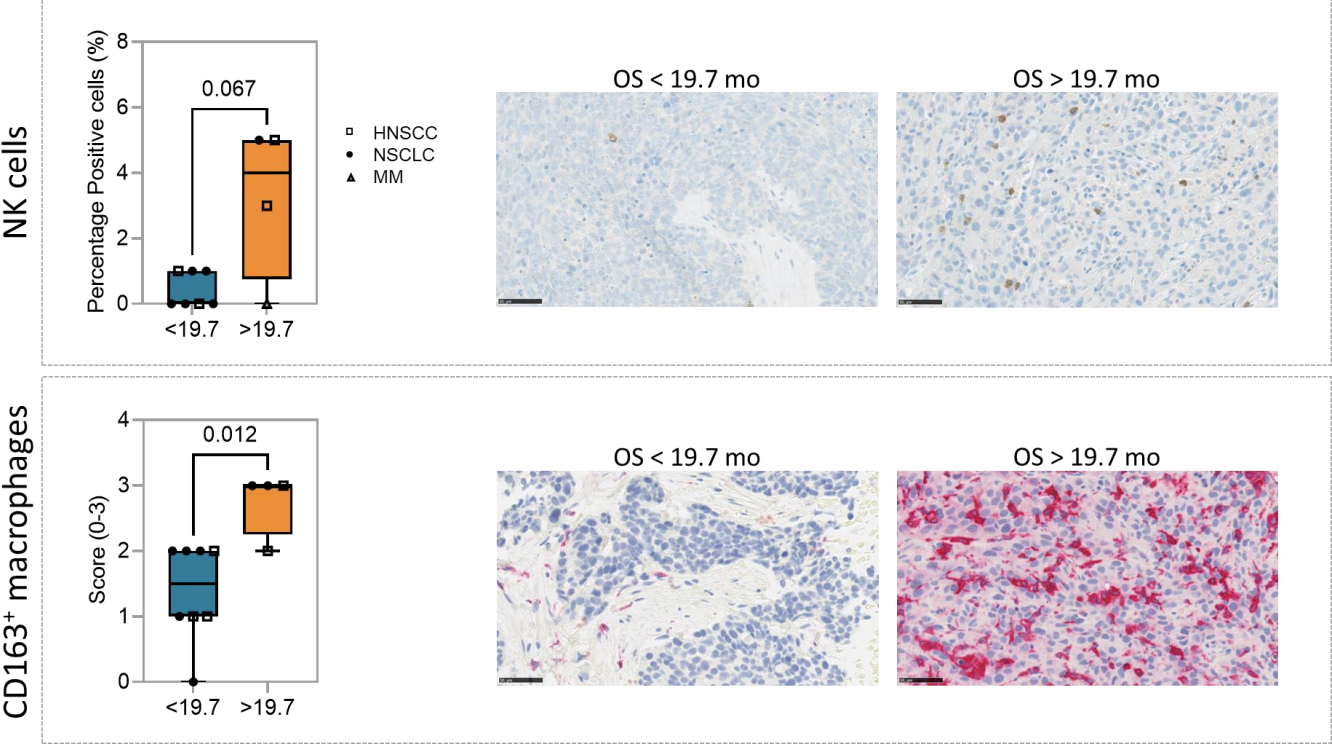
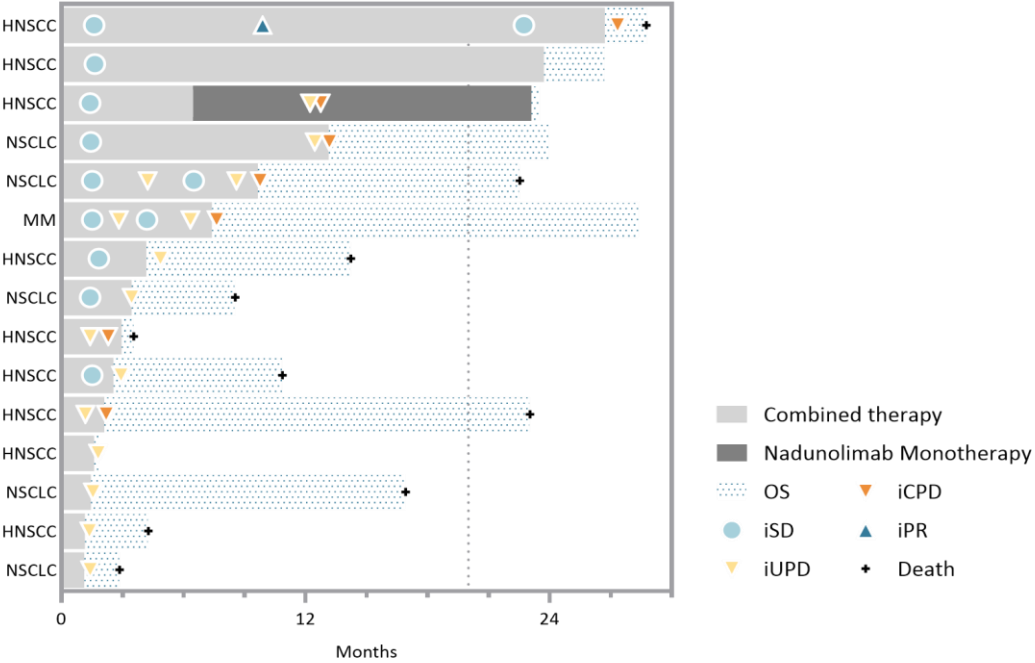
\*The proportion of patients with 1-year survival is based on Kaplan-Meier estimation  
NE; not estimable



MODIFICATIONS IN TUMOR MICROENVIRONMENT

FAVORABLE FOR NADUNOLIMAB THERAPY AND MAY BE LINKED TO STRONG EFFICACY OBSERVED

# Keytruda combination Promising signs of clinical activity with remarkable benefit in a subset of patients



COMBINATION WITH PEMBROLIZUMAB SHOWS LONG SURVIVAL CORRELATING WITH TUMOR MICROENVIRONMENT

# Upcoming milestones

## Nadunolimab

PDAC	TNBC	AML/MDS	CAN10	Additional milestones
<ul style="list-style-type: none"><li>• Phase IIb trial in 150-200 patients</li></ul>	<ul style="list-style-type: none"><li>• Randomized Phase II top-line data in H1 2025</li></ul>	<ul style="list-style-type: none"><li>• Start phase I/II mid 2024 (DOD sponsored with MDA)</li></ul>	<ul style="list-style-type: none"><li>• Phase I data updates during 2024 (including safety and biomarkers)</li><li>• Phase I final data H1 2025</li><li>• Start phase 2 H2 2025</li></ul>	<ul style="list-style-type: none"><li>• New clinical data presented from CAPAFour and CESTAfour trials</li><li>• New preclinical and translational results</li></ul>

EXTENSIVE NEWS FLOW EXPECTED DURING 2024/25