



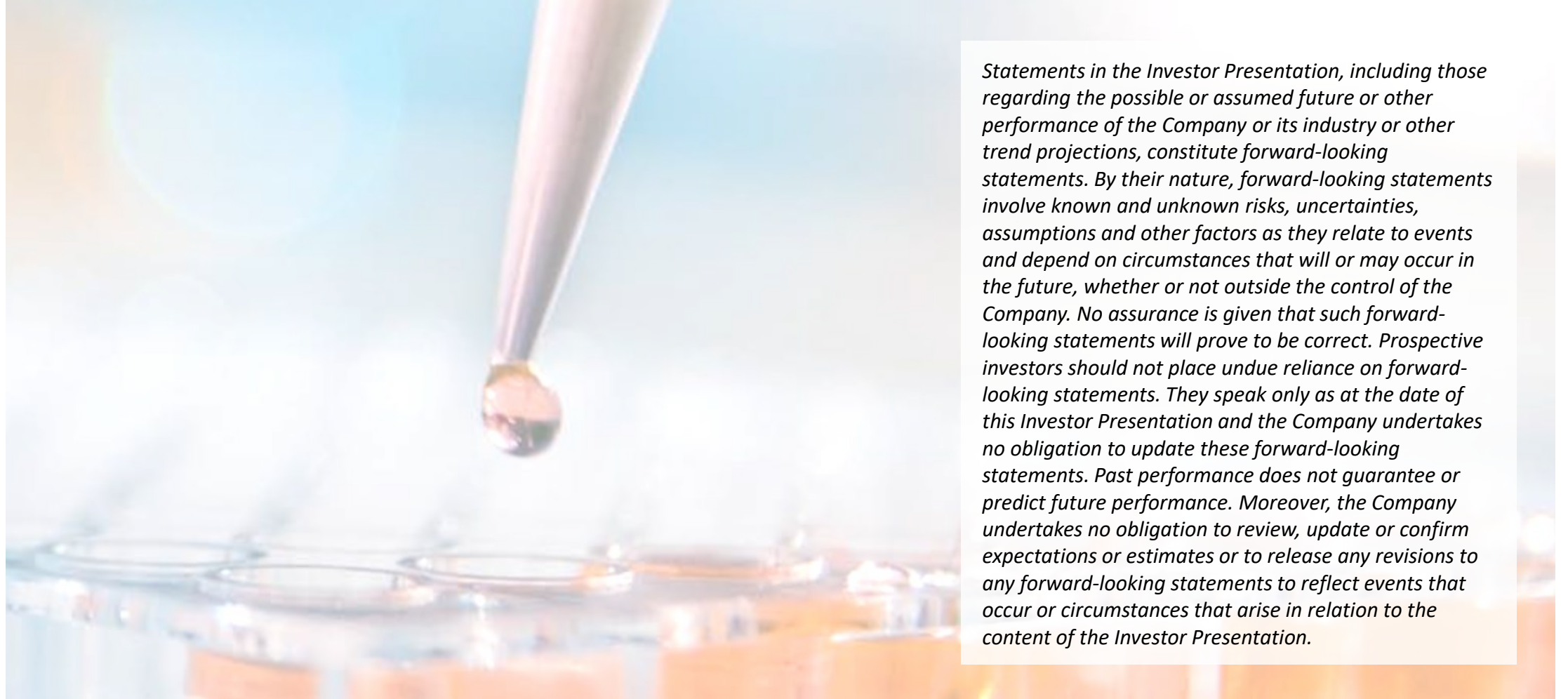
Targeting IL1RAP to address unmet needs in severe cancer and autoimmune diseases

*Corporate Presentation*

*June 2024*

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

# Safe Harbor Statement



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# 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; >250 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. New data Q2 2024



## CORPORATE STRENGTH DRIVING INNOVATION

- Solid cash position with runway into 2025 (143MSEK (14 MUSD) cash & equivalents at Q1 2024)
- Robust patent portfolio: IL1RAP antibody target in oncology (2032), nadunolimab (2035) and CAN10 (2041)

# Current pipeline

| Project     | Disease                                     | Type of treatment                     | Discovery phase                   | Preclinical phase | Clinical phase I | Clinical phase II | Clinical phase III |
|-------------|---|---------------------------------------|-----------------------------------|-------------------|------------------|-------------------|--------------------|
| Nadunolimab | PDAC  | 1 <sup>st</sup> line                  | <i>Gemcitabine/nab-paclitaxel</i> |                   |                  |                   |                    |
|             | TNBC  | 1 <sup>st</sup> /2 <sup>nd</sup> line | <i>Carboplatin/gemcitabine</i>    |                   |                  |                   |                    |
|             | NSCLC/<br>non-squamous NSCLC                | 1 <sup>st</sup> /2 <sup>nd</sup> line | <i>Platinum doublets</i>          |                   |                  |                   |                    |
| CAN10       | Myocarditis,<br>Systemic sclerosis          |                                       |                                   |                   |                  |                   |                    |
| CANxx       | New opportunities within<br>IL1RAP platform |                                       |                                   |                   |                  |                   |                    |

PDAC – pancreatic cancer; TNBC – triple-negative breast cancer; NSCLC – non-small cell lung cancer

The background of the slide is a microscopic image of cells, likely lymphocytes, showing a dense network of fine filaments or granules. The image is rendered in a monochromatic blue color scheme. A semi-transparent dark blue horizontal band is positioned across the middle of the slide, containing the text.

CAN10 – OPPORTUNITY IN AUTOIMMUNE/INFLAMMATORY DISEASE

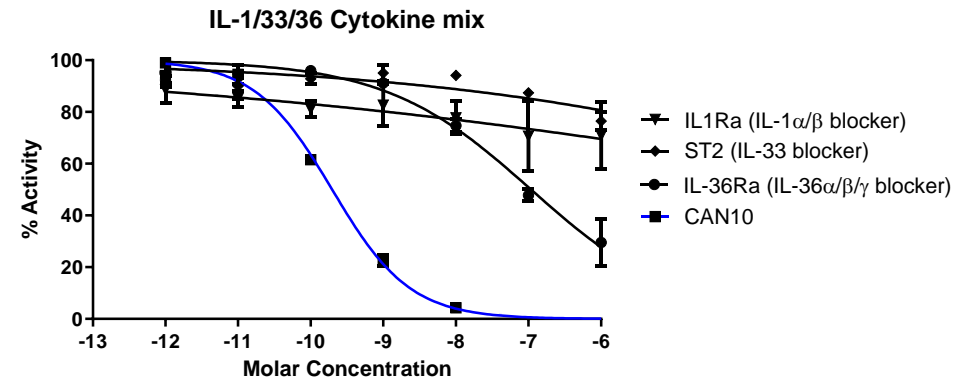
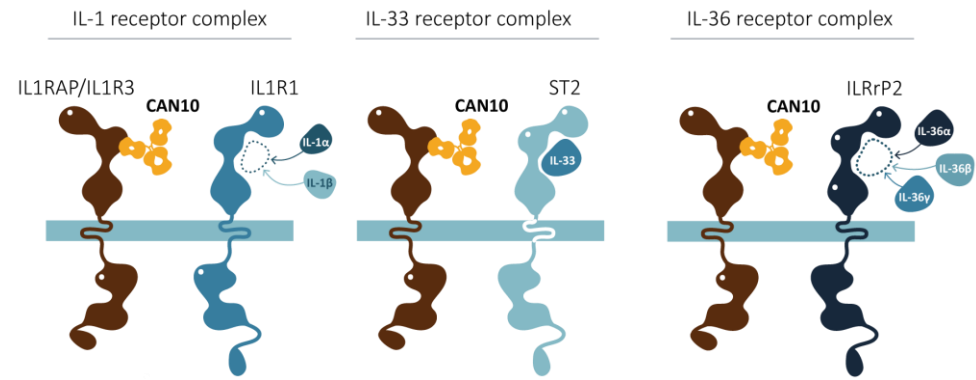


# CAN10 - Targeting IL-1 family in inflammation

- **Evidence of IL-1 family cytokines (IL-1, IL-33, IL-36) driving inflammatory diseases**
  - These cytokines are commonly upregulated and operate together in several diseases
- **Blockade of individual IL-1 family members insufficient**
  - IL-1 $\beta$  and IL-36 targeting drugs only approved in rare diseases with strong elements of dysregulation of the respective cytokines
  - In larger and more diverse diseases, where IL-1 family pathways overlap, signs of clinical benefit reported for therapies targeting individual IL-1 members have been observed, but **not translated into strong clinical efficacy**
- **CAN10 provides a unique opportunity to block IL-1 family signaling**
  - Binding to crucial epitope on common accessory protein (IL1RAP)
  - Solid biological evidence underscores CAN10's potential in several dermatological, fibrotic and cardiovascular diseases

# CAN10 developed to block IL-1 family with precision

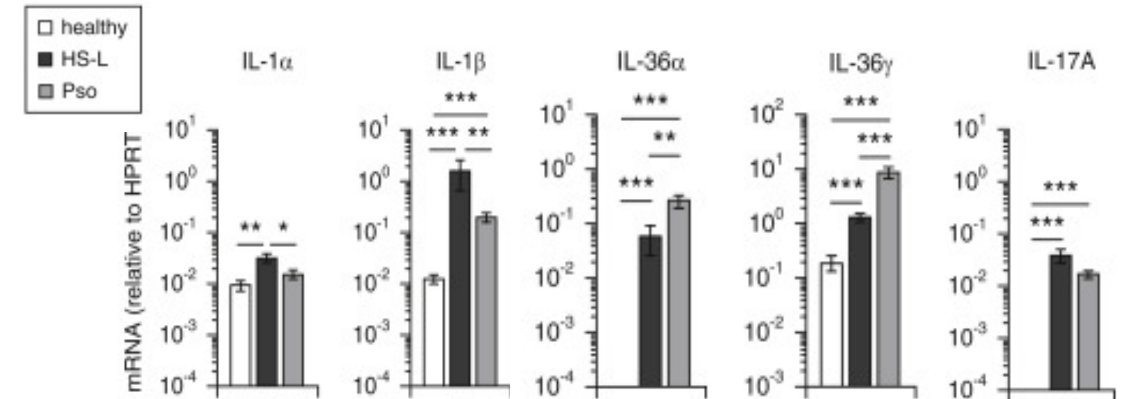
- **CAN10 prevents signaling from IL1 $\alpha$ / $\beta$ , IL-33 and IL36 $\alpha$ / $\beta$ / $\gamma$** 
  - CAN10 binds IL1RAP with pM affinity and prevents IL1RAP interaction with the IL-1, IL-33 and IL-36 receptors
- **CAN10 has shown robust efficacy in preclinical models of several diseases**
  - Potent effects in several hard-to-treat models, blocks inflammation and fibrosis **where IL-1 $\alpha$ / $\beta$  or IL-1 $\beta$  blockade only does not**
- **CAN10 is undergoing phase 1 development**
  - No safety issues, including at doses where high level receptor occupancy have been reached
  - SAD portion includes IV administration in healthy volunteers
  - MAD performed with SC administration in psoriasis patients to enable proof-of-mechanism



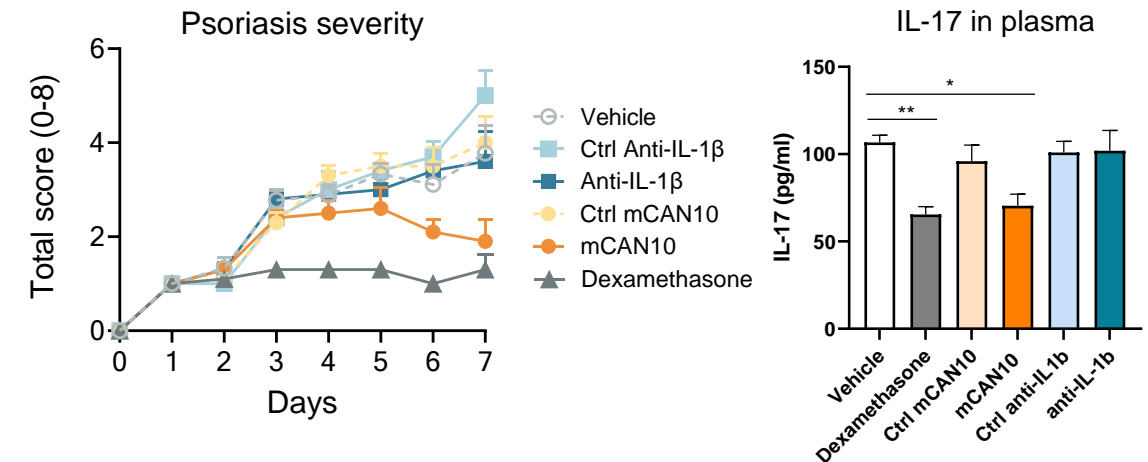
# CAN10 first-in-human study ongoing

- **IV administration in healthy volunteers (SAD)**
  - Ongoing, receptor occupancy documented
  - No safety signals
- **SC administration in subjects with mild to moderate plaque psoriasis (MAD)**
  - Strong rationale for IL1RAP blockade in psoriasis (blocks skin inflammation and IL-17 where anti-IL1 $\beta$  does not)
  - MAD planned to start Q3 2024
  - Psoriasis chosen as phase 1 indication to enable mechanistic studies, no plans to develop in phase 2
- **Building value by including additional PD analyses**
  - Receptor occupancy
  - Ex vivo inhibition assay
  - Psoriasis severity scoring
  - Skin biopsy and skin tape strips
- **Preparations for phase 2 clinical trials ongoing**

## Rationale for psoriasis in MAD



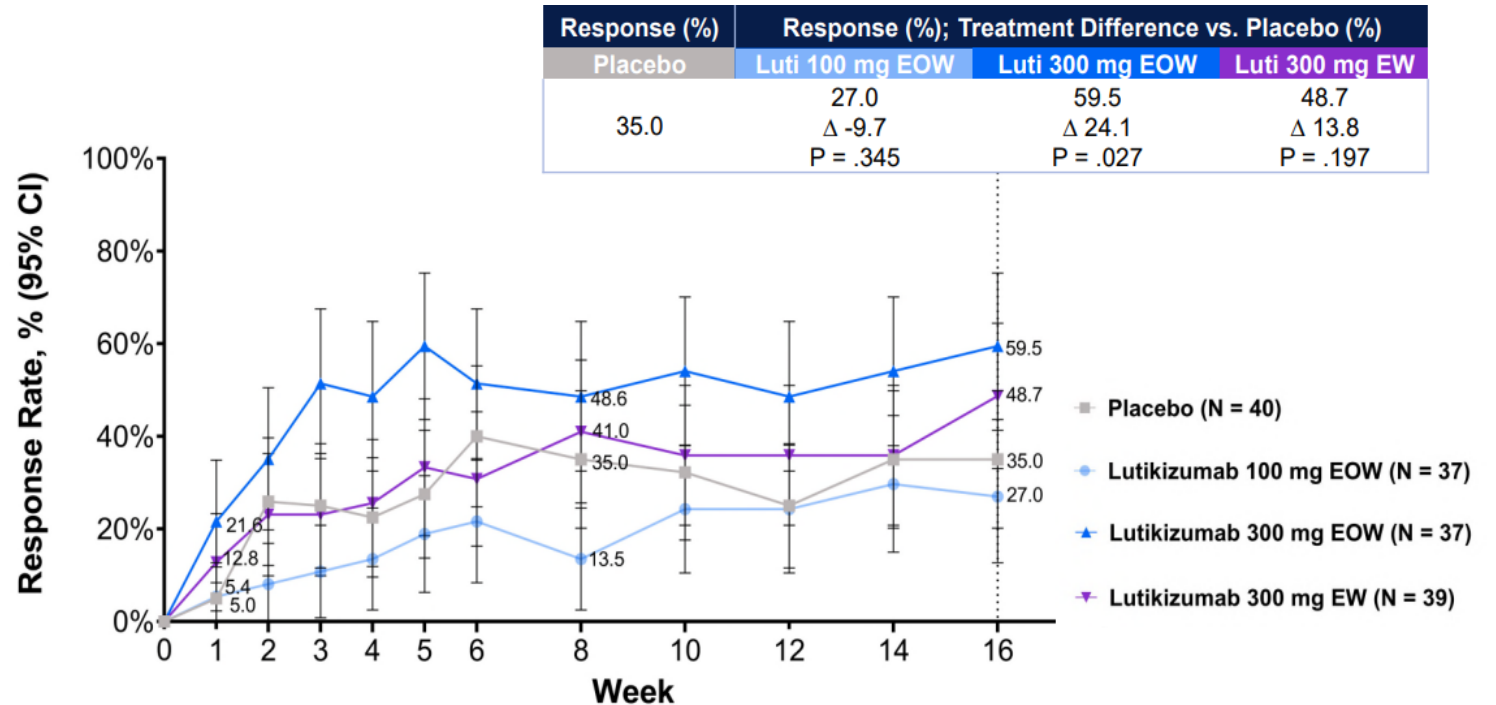
Witte-Händel et al., JID 2018





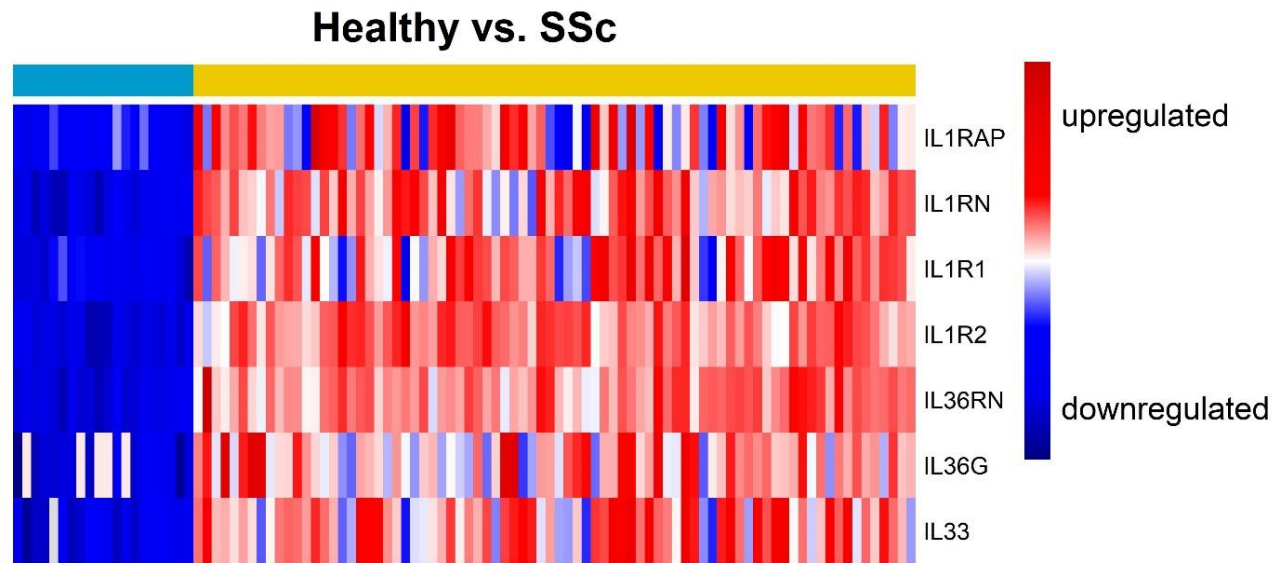
# External validation of IL-1 pathway - lutikizumab in HS

- Lutikizumab is a dual variable domain antibody against IL-1 $\alpha$  and IL- $\beta$
- Patients treated with lutikizumab experienced higher response rates in the primary endpoint of HiSCR 50 and the secondary endpoint of skin pain NRS30 at week 16 than those treated with placebo
- Patients treated with lutikizumab experienced higher response rates in HiSCR 75 and greater improvement in draining fistula count at week 16 than those treated with placebo
- Lutikizumab entering phase III



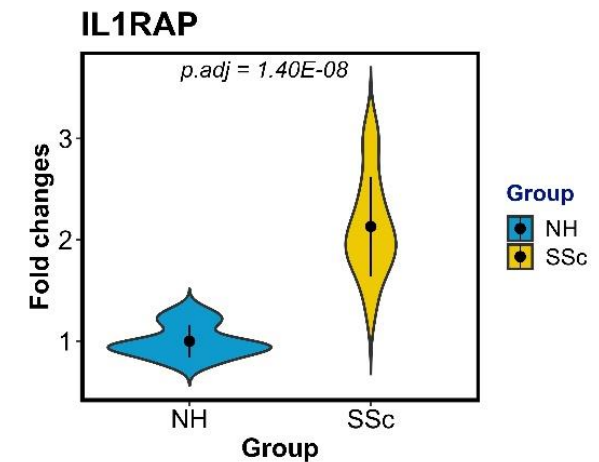
# IL1RAP and the IL-1/33/36 pathways are upregulated in SSc patient skin

2 publicly available human SSc cohorts show differential expression of IL1RAP and associated genes in SSc skin



14 SSc vs. 11 healthy

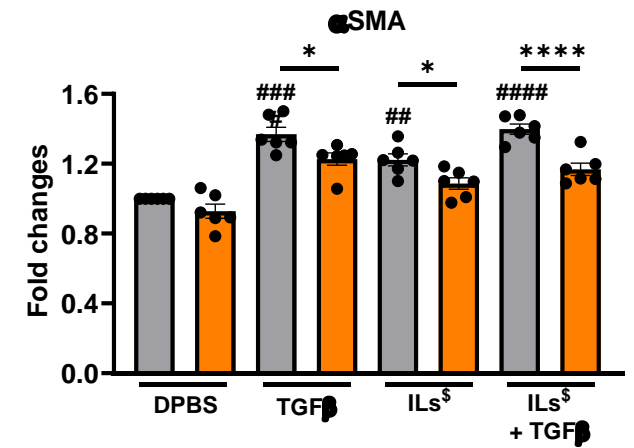
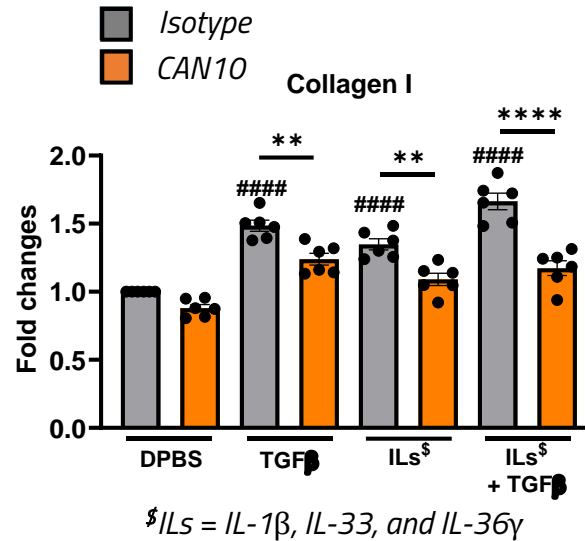
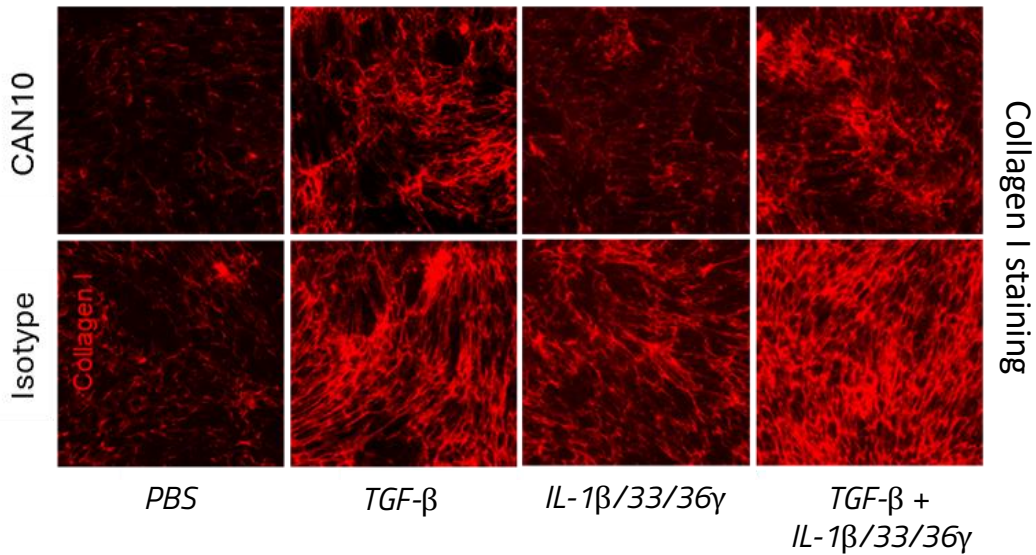
Agilent 2-channel  
Microarray



Mahoney et al. 2015 GSE59787

Skaug et al. Ann Rheum Dis 2020. GSE130955

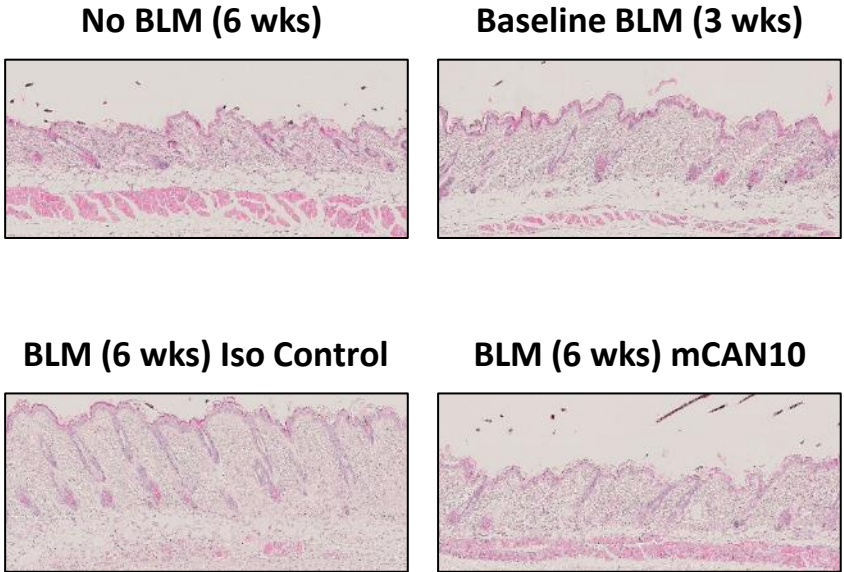
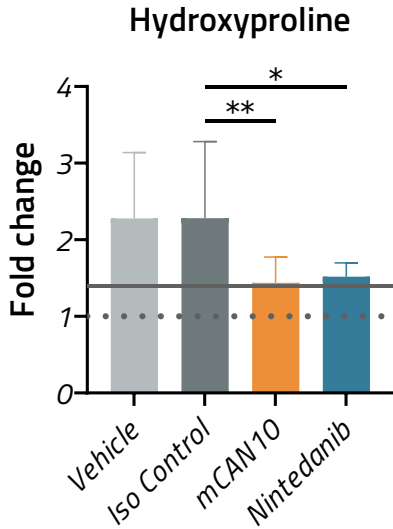
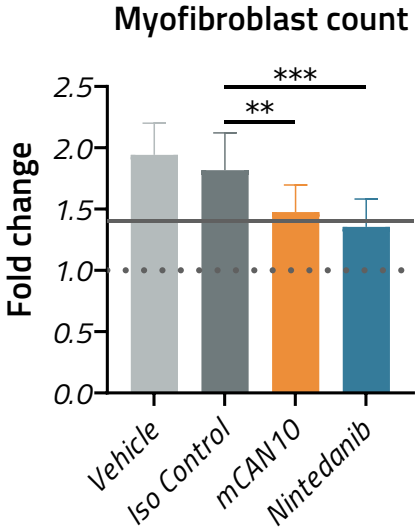
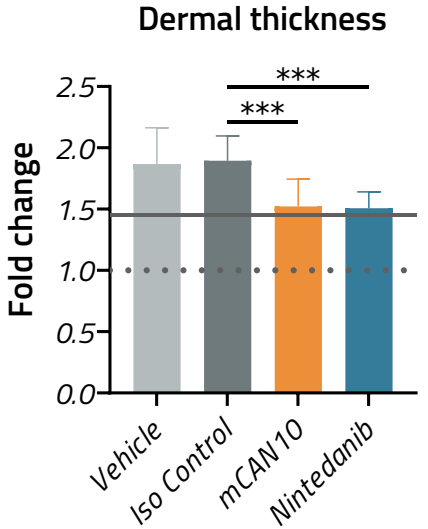
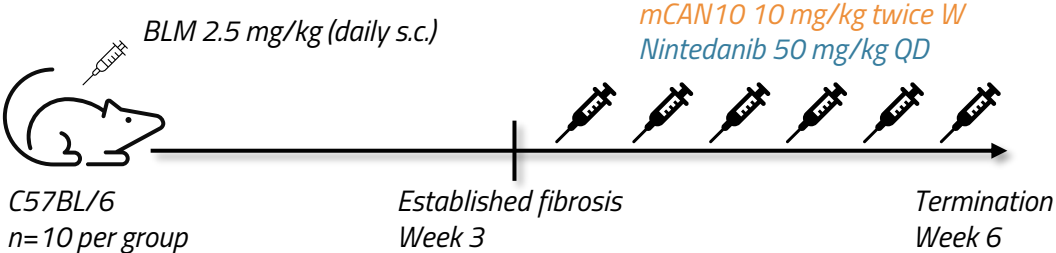
# IL-1, IL-33 and IL-36 directly promotes fibrosis in SSc fibroblasts which can be counteracted by CAN10



Fibroblasts isolated from SSc patients stimulated with TGFβ or a combination of IL-1β, IL-33, and IL-36γ (abbreviated as ILs) with or without TGFβ in vitro. ILs induced deposition of type I collagen and upregulated the protein levels of αSMA, which could be blocked by CAN10.

# Systemic sclerosis: mCAN10 inhibits bleomycin-induced skin fibrosis

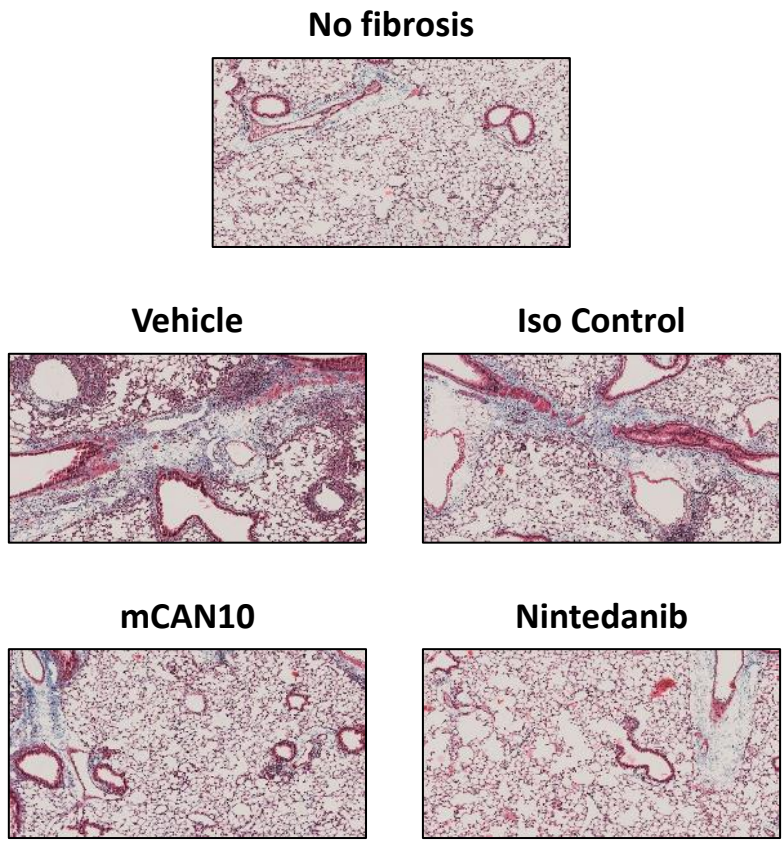
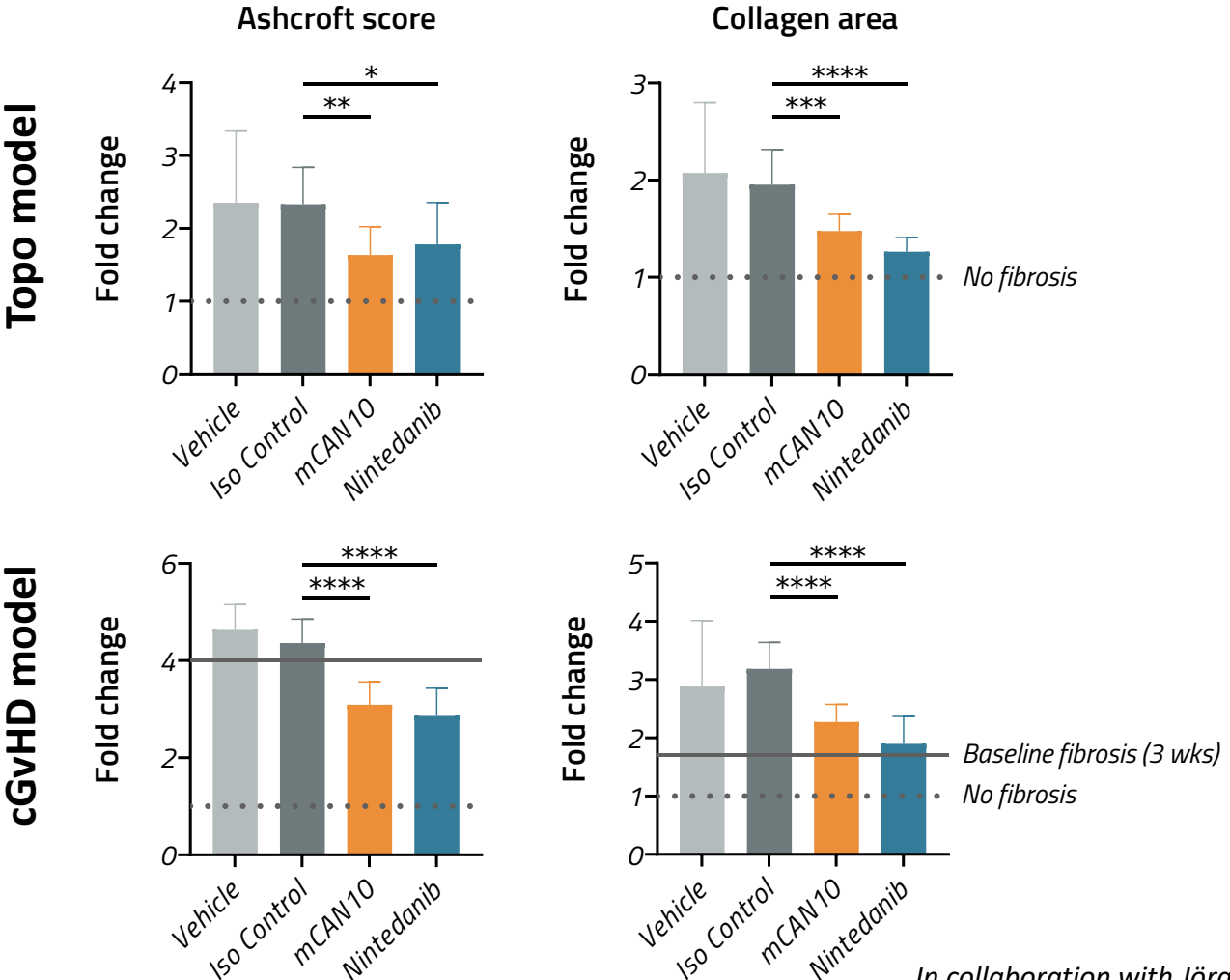
## Bleomycin (BLM) model



— Baseline fibrosis (3 wks)  
..... No fibrosis

In collaboration with Jörg Distler, Heinrich-Heine-Universität, Düsseldorf, Germany

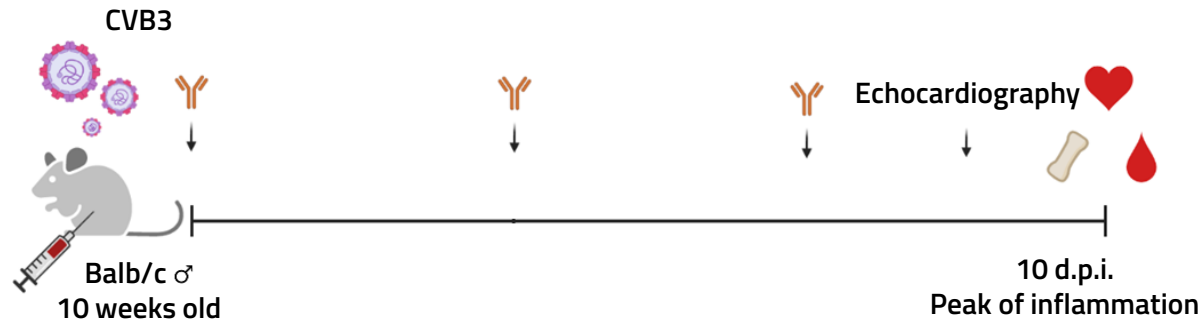
# Systemic sclerosis: Therapeutic mCAN10 treatment reduces lung fibrosis in the Topo and cGvHD models



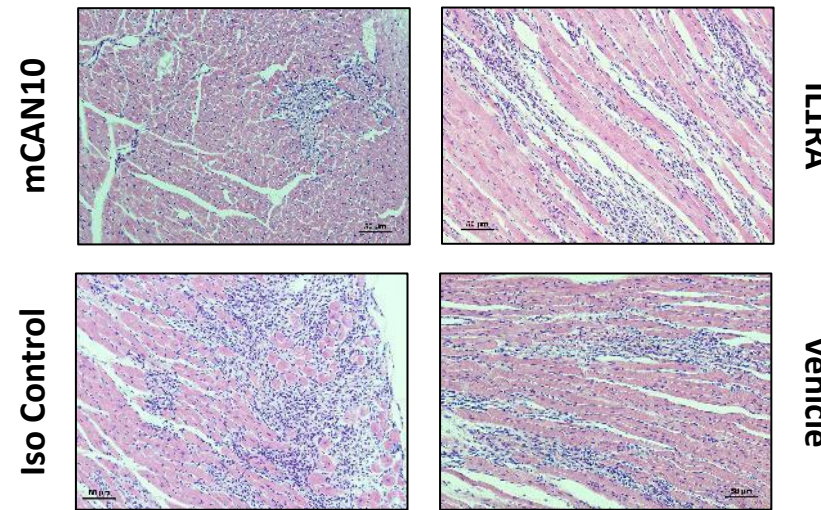
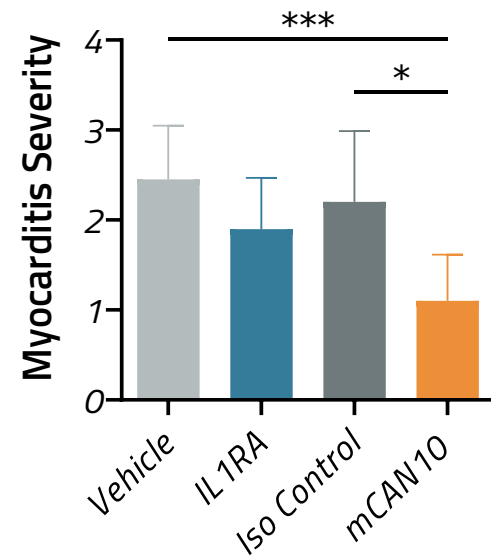


# Viral myocarditis: mCAN10 reduces disease severity

## CVB3 myocarditis experimental design



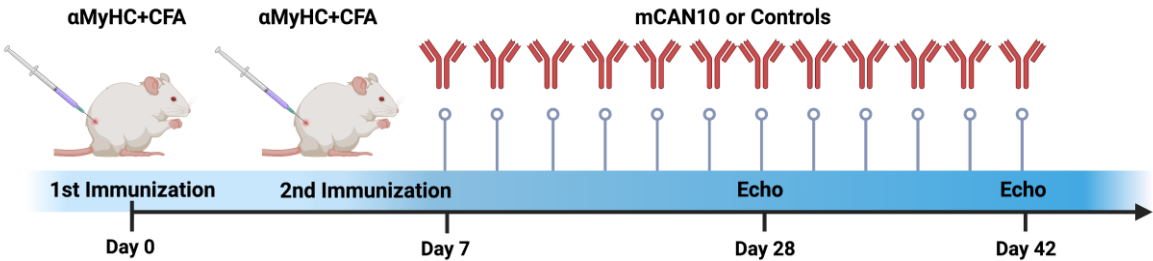
→ mCAN10 reduced disease severity, based on histological scoring of heart sections, and preserved heart function



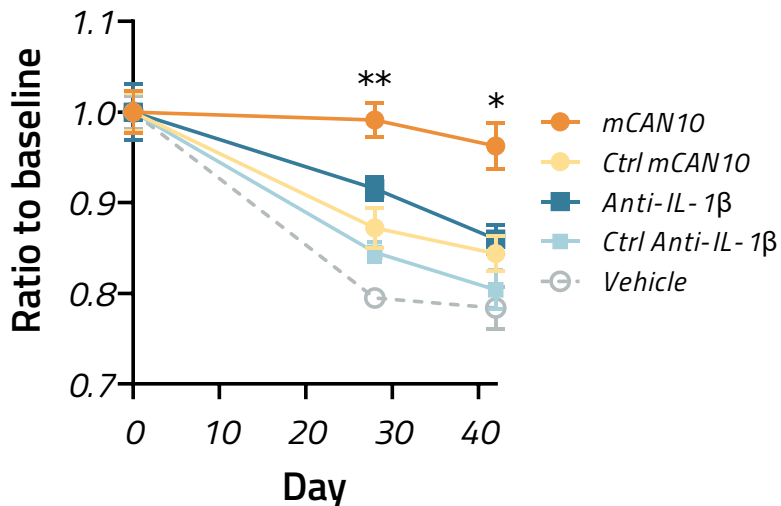
→ mCAN10 also reduced inflammatory leukocyte populations in the heart tissue



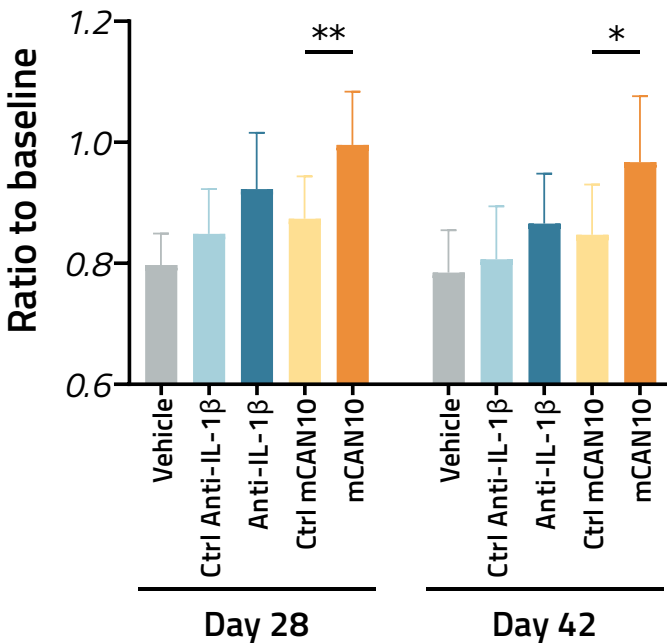
# Experimental autoimmune myocarditis: mCAN10 improves heart function



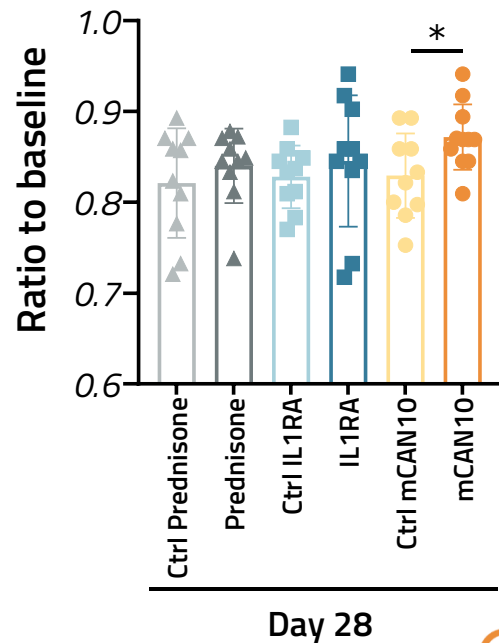
Left Ventricular Ejection Fraction (LVEF)



LVEF (treatment from day 7)

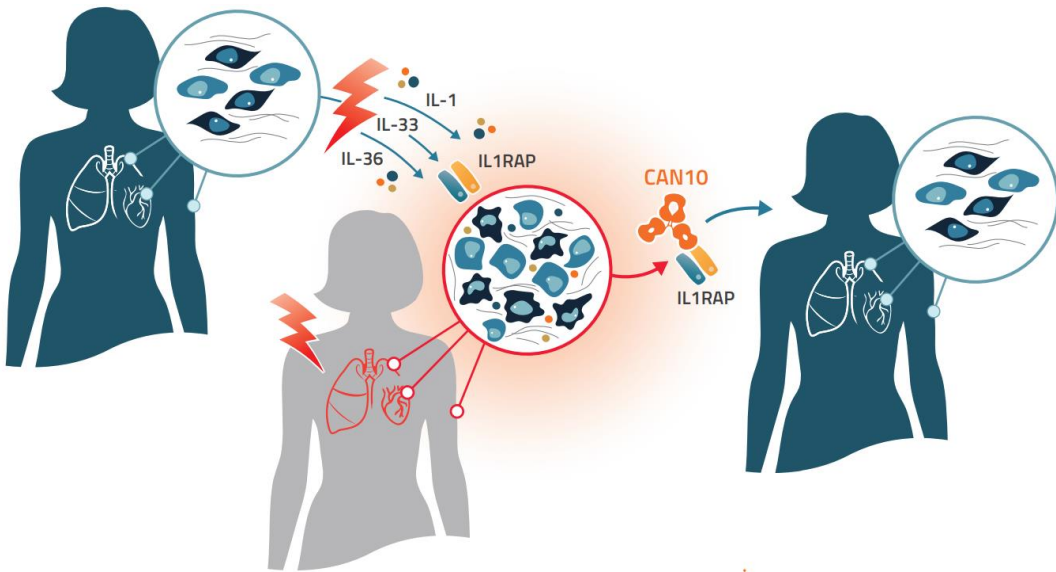


LVEF (treatment from day 7)



$\alpha$ MHC –  $\alpha$ -Myosin Heavy Chain; CFA – Complete Freund’s Adjuvant  
n=10 per group

# CAN10 – a potent blocker of IL1RAP function with effects in skin, lung, heart and vasculature



## Status

- CAN10 safe in GLP tox study
- Strong results in several preclinical models, including lead indications systemic sclerosis and myocarditis
- Phase I ongoing, early planning of patient studies (phase IIa)

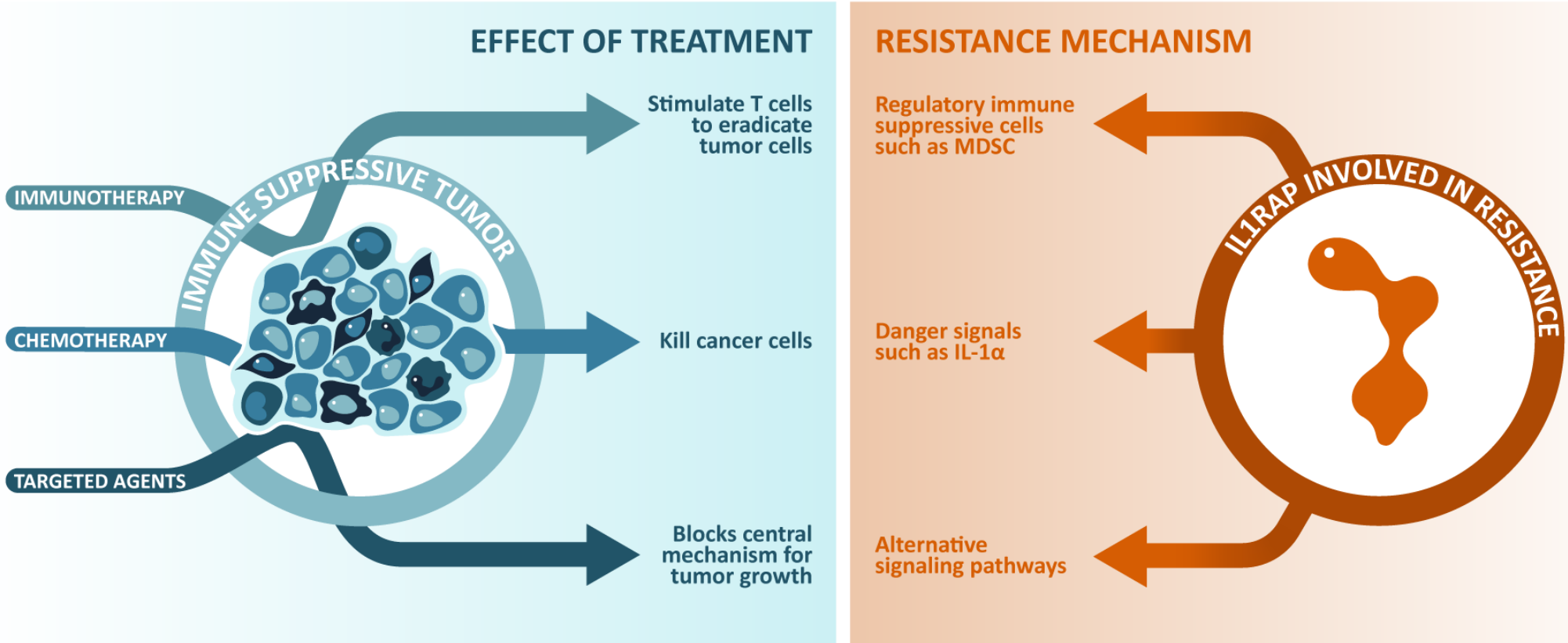
## Clinical phase I study – Following plan

- Phase I in healthy volunteers (SAD) followed by psoriasis patients (MAD); ongoing in Germany
- No safety findings in first 4 SAD groups. Receptor occupancy confirmed to be in line with preclinical model
- Up to 80 individuals (safety, pharmacokinetics, biomarkers)



## NADUNOLIMAB (CAN04) OVERVIEW

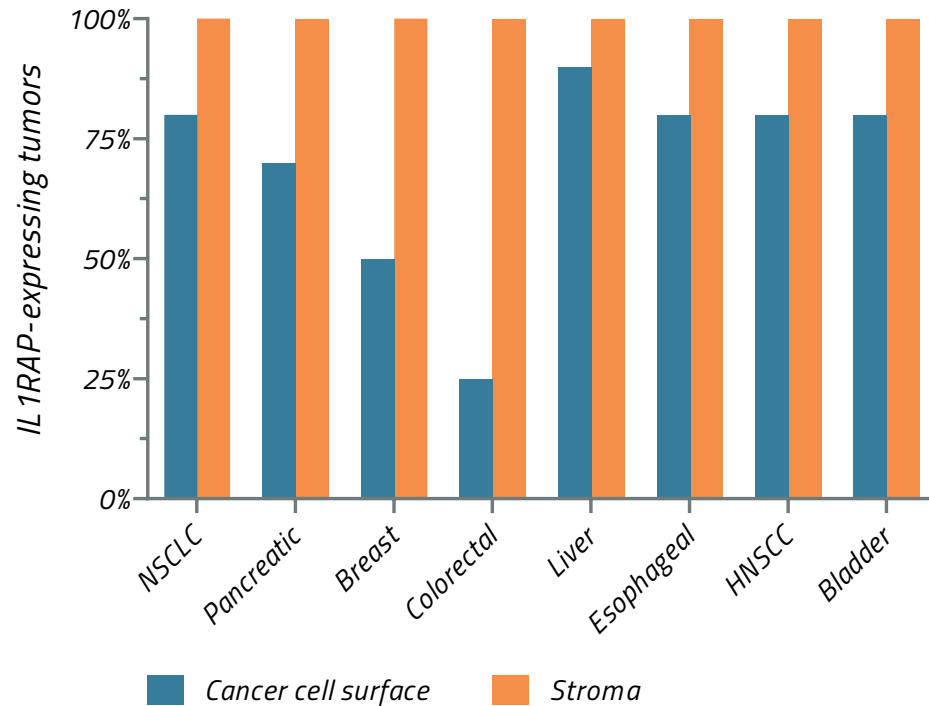
# Cantargia – Strategy to improve current cancer therapies



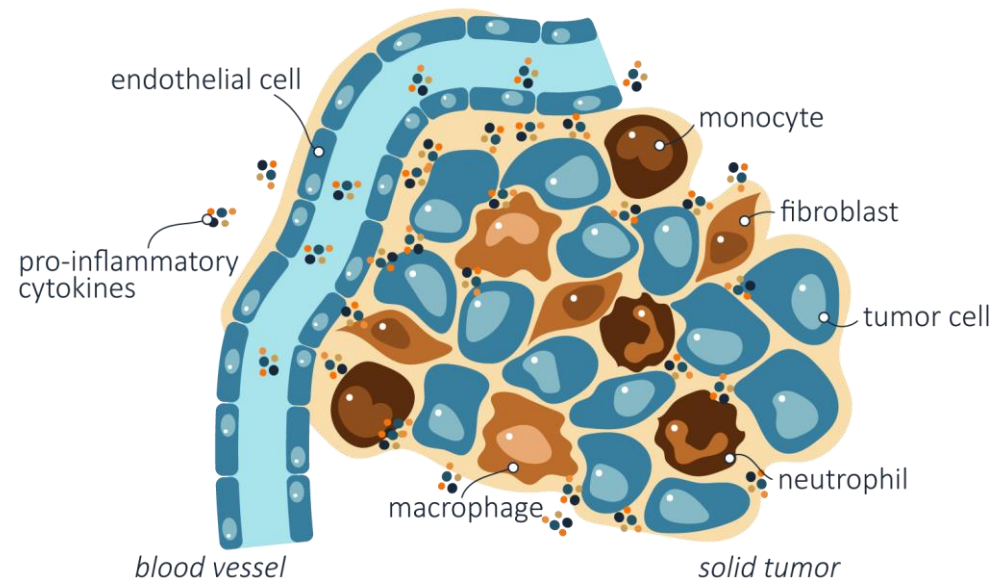
**IL1RAP – A NOVEL TARGET WITH SEVERAL OPPORTUNITIES; CURRENT FOCUS ON SYNERGISTIC COMBINATIONS**

# IL1RAP overexpressed in most solid tumors

## IL1RAP EXPRESSION IN SOLID TUMOR TYPES

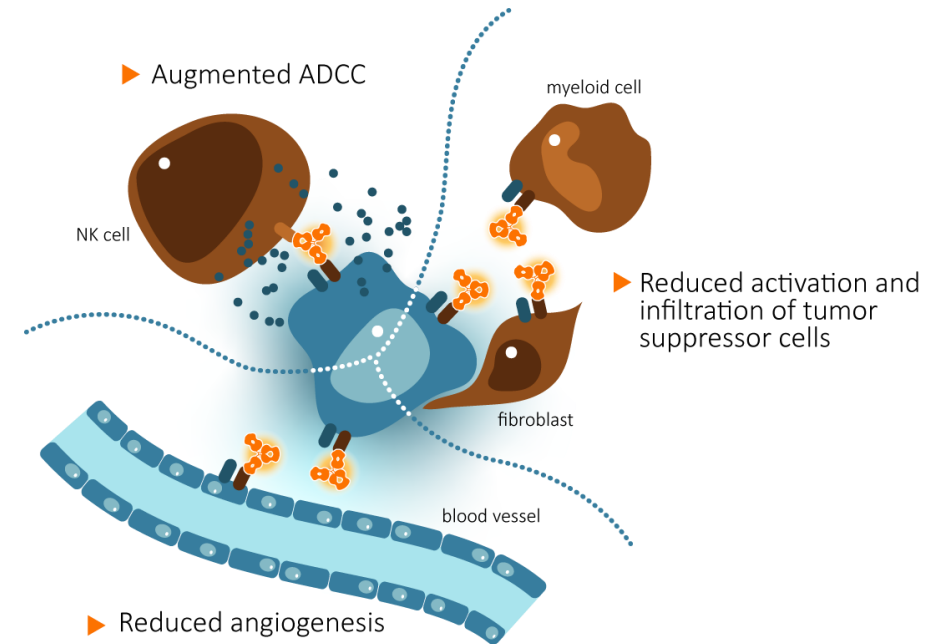
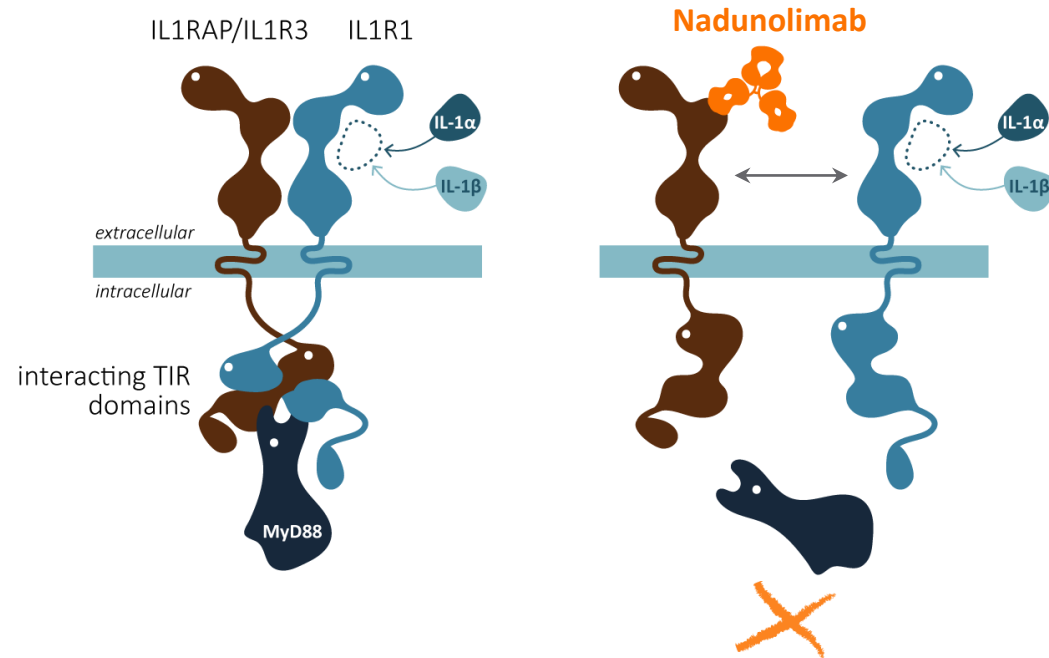


## SEVERAL TUMOR-PROMOTING CELLS EXPRESSING IL1RAP IN THE TUMOR MICROENVIRONMENT



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

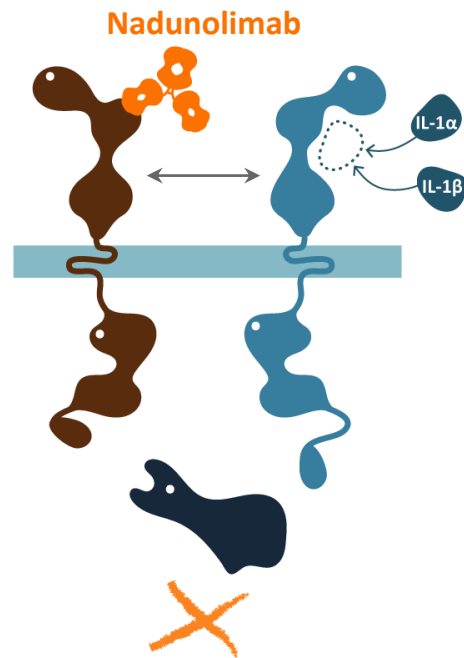
# Targeting IL1RAP provides unique opportunities to treat cancer by IL-1 $\alpha$ / $\beta$ blockade and ADCC



NADUNOLIMAB COUNTERACTS IMMUNE SUPPRESSION AND POTENTIATES THERAPY



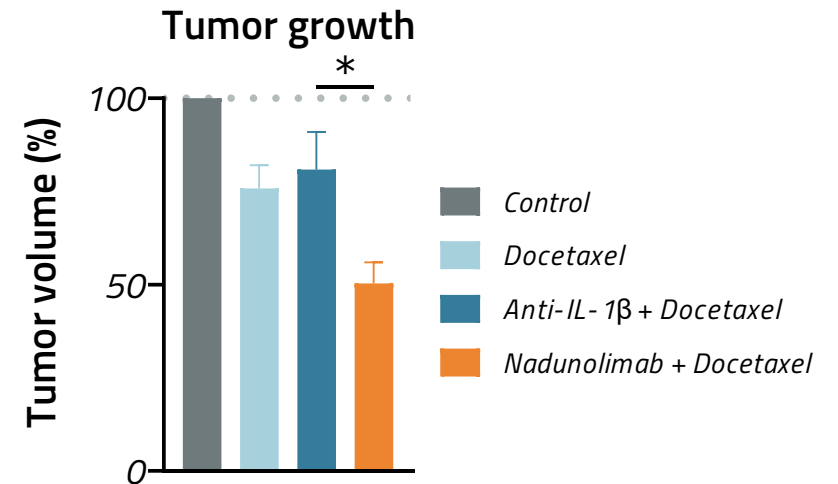
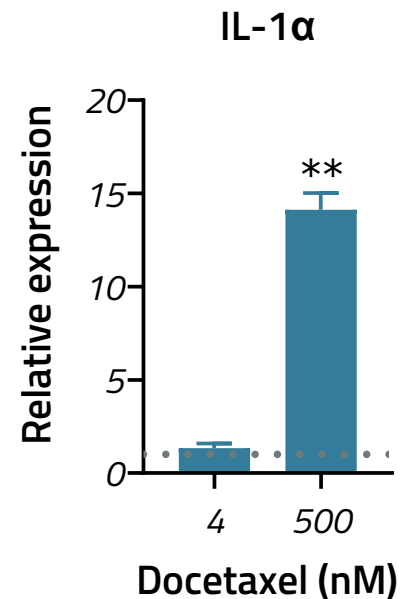
# Nadunolimab potentiates antitumor activity of chemotherapy



→ Nadunolimab blocks both IL-1 $\alpha$  and IL-1 $\beta$  signaling

→ Docetaxel induces IL-1 $\alpha$  release by tumor cells in vitro

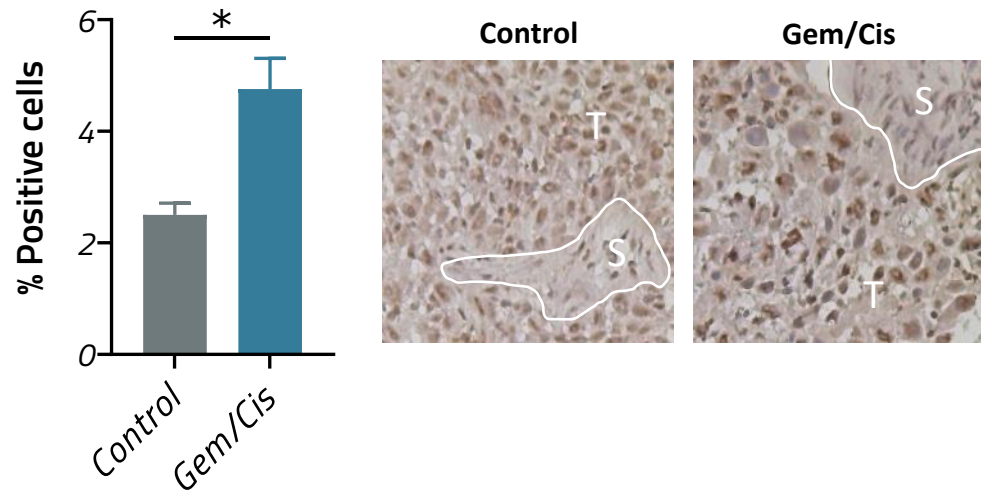
→ Nadunolimab + docetaxel reduces in vivo tumor growth more potently than anti-IL-1 $\beta$  + docetaxel



NADUNOLIMAB INCREASES DOCETAXEL EFFICACY IN CONTRAST TO IL-1 $\beta$  BLOCKADE

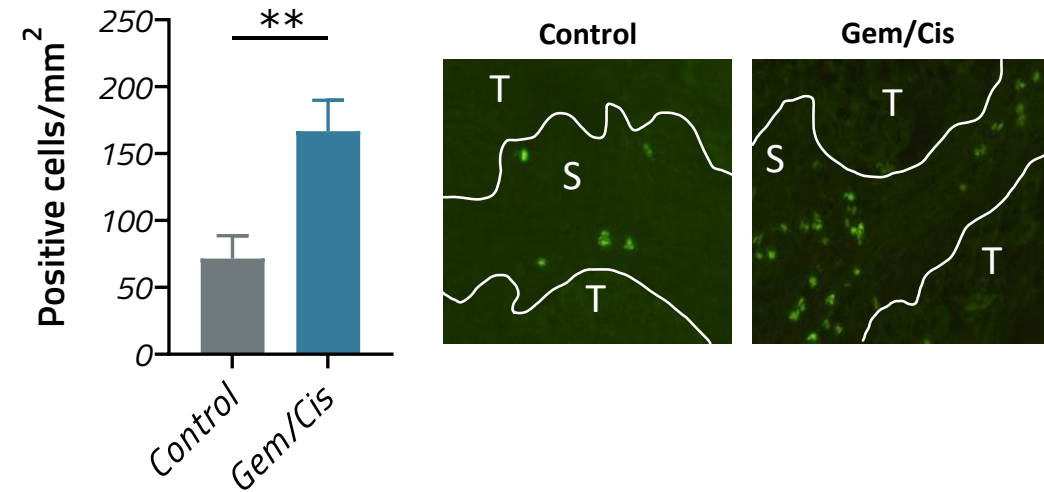
# Chemotherapy induces IL-1 $\alpha$ and IL-1 $\beta$ in the tumor

**IL-1 $\alpha$**   
Tumor cell region (T)



→ Gem/Cis induces release of IL-1 $\alpha$  by tumor cells in tumors grown in vivo

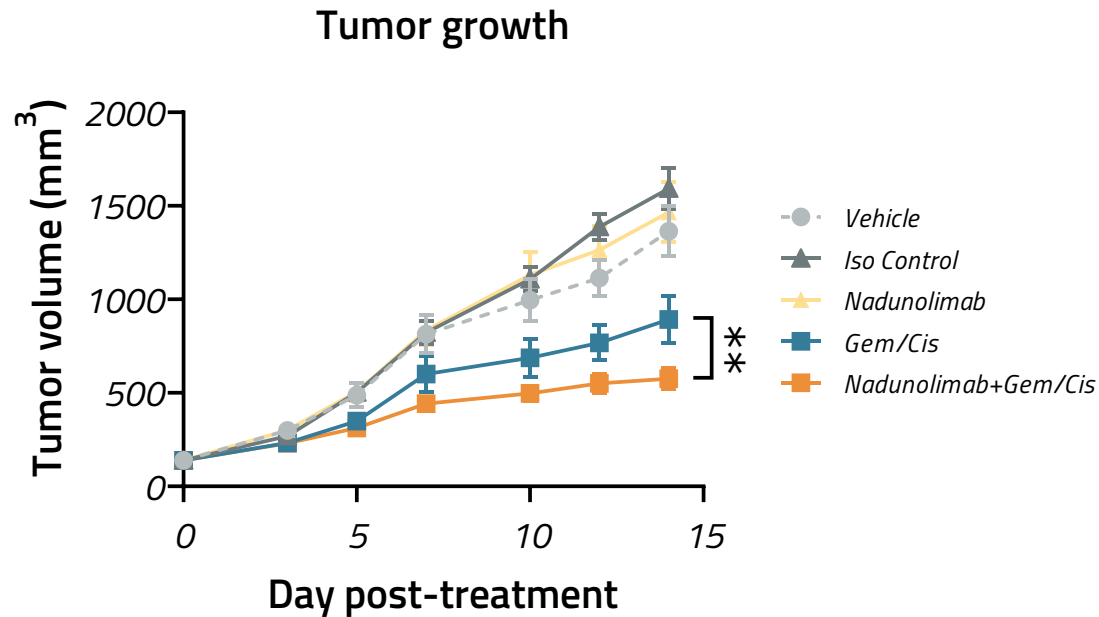
**IL-1 $\beta$ -converting enzyme**  
Stromal cell region (S)



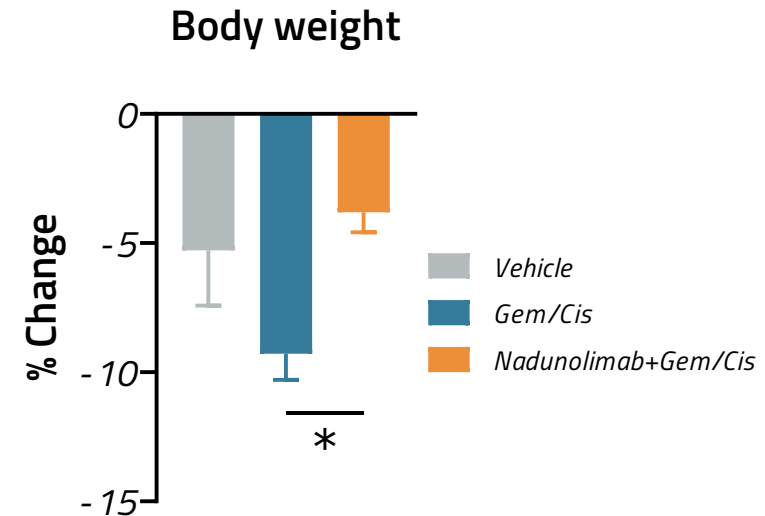
→ Gem/Cis also induces release of IL-1 $\beta$ -converting enzyme (ICE) by stromal cells

INCREASED LEVELS OF IL-1 $\alpha$  AND IL-1 $\beta$  RESULTS IN CHEMORESISTANCE

# Targeting IL1RAP uniquely synergizes with chemotherapy



→ Nadunolimab increases efficacy of platinum-based chemotherapy in vivo



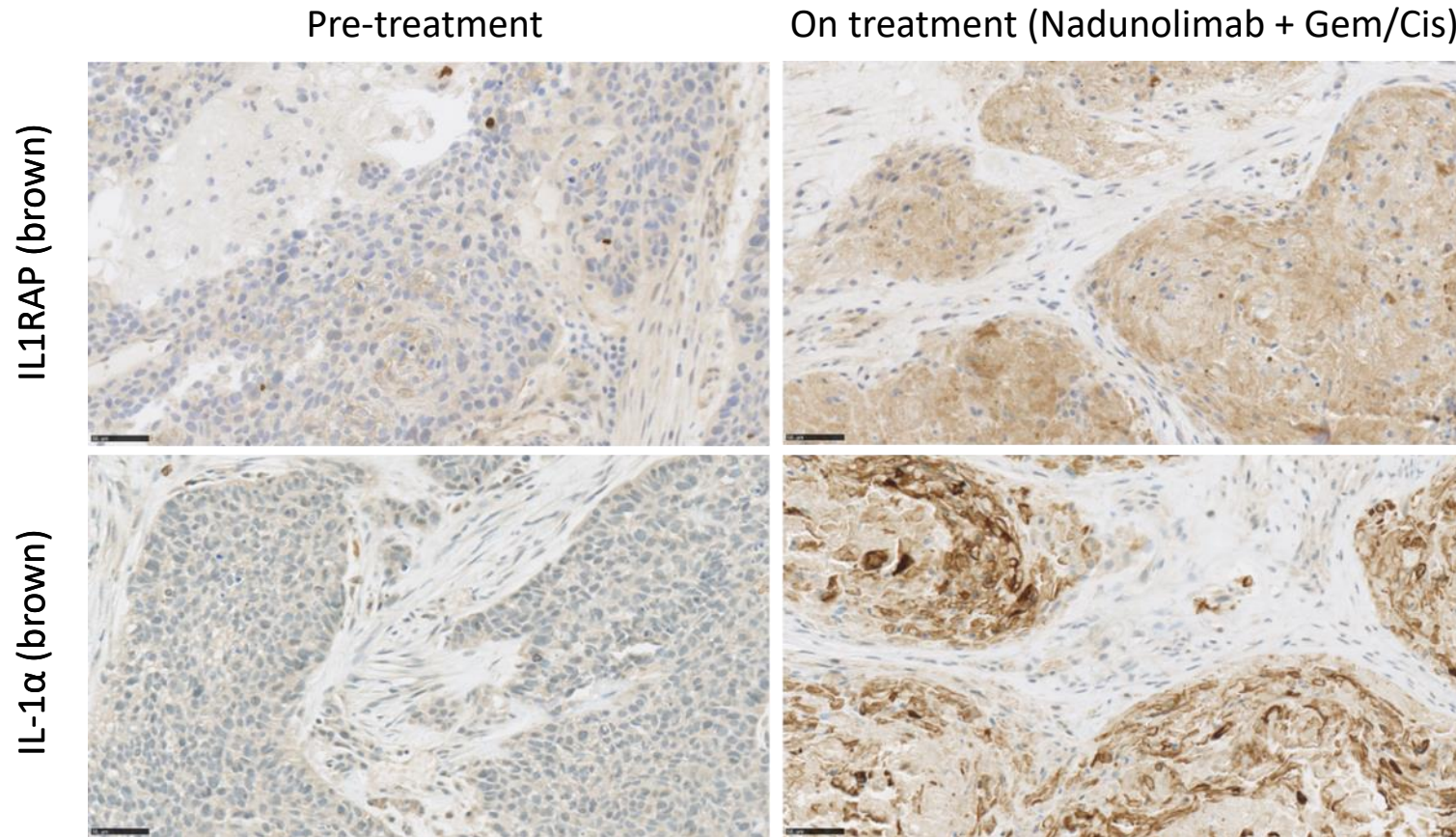
→ Nadunolimab also counteracts weight loss after chemotherapy

**NADUNOLIMAB HAS POTENTIAL TO IMPROVE CHEMOTHERAPY EFFICACY AND TOLERABILITY**

A microscopic image showing several cells with a complex, fibrous internal structure. The image is overlaid with a semi-transparent blue filter. A central horizontal band is dark blue, containing white text.

## NADUNOLIMAB (CAN04) CLINICAL RESULTS

# NSCLC – Induction of IL1RAP and IL-1 $\alpha$ with therapy

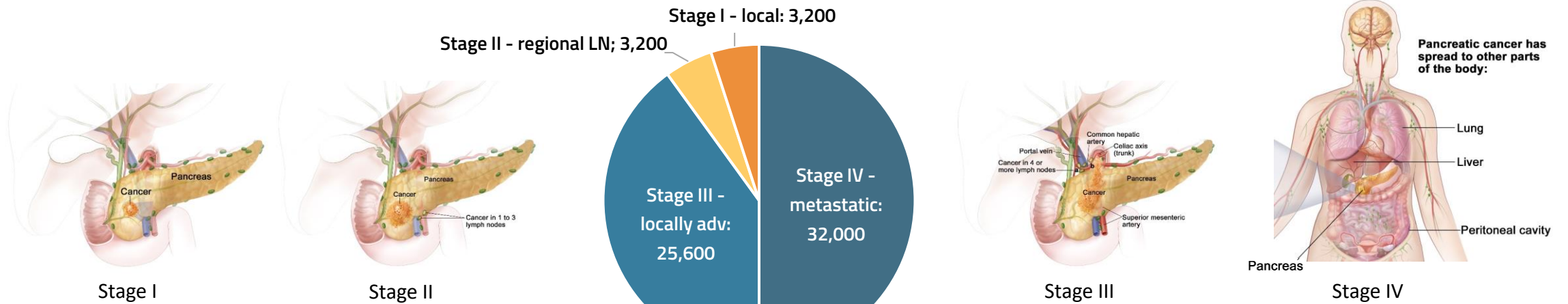


**IL-1 $\alpha$  INDUCED BY CHEMOTHERAPY IN LINE WITH PRECLINICAL FINDINGS;  
WELL ESTABLISHED DANGER SIGNAL – ACTIVITY BLOCKED BY NADUNOLIMAB**



# PDAC – Staging and treatment

Expected number of cases US 2023: 64,000



## RESECTABLE OR BORDERLINE RESECTABLE DISEASE

### Survival:

→ 15.7 – 28.0 mo

### Treatment:

- Neoadjuvant: gemcitabine+radiotherapy or mFOLFIRINOX
- Radical pancreatic resection
- Post-op chemo (gemcitabine+capecitabine or mFOLFIRINOX) or chemo+radiotherapy

## LOCALLY ADVANCED OR METASTATIC DISEASE

### Survival:

→ 8.5 – 11.1 mo

### Treatment:

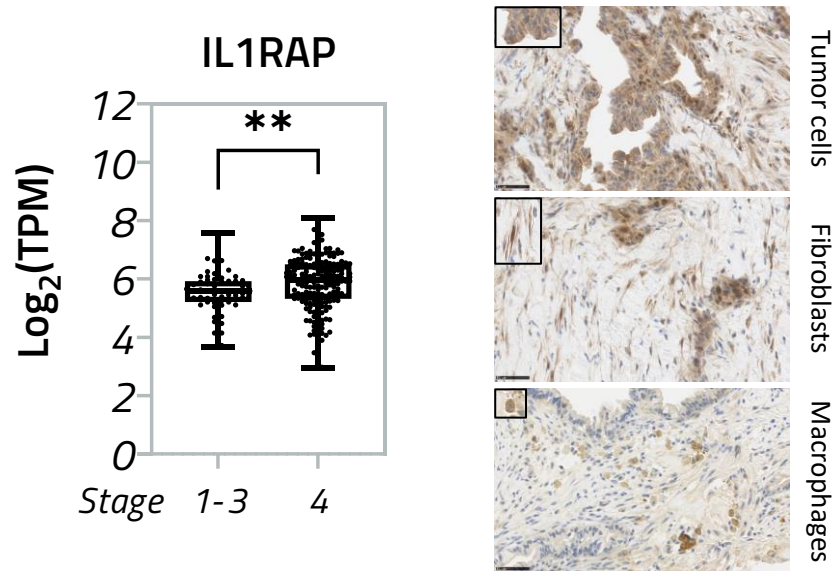
- FOLFIRINOX if good performance status
- Gemcitabine/nab-paclitaxel
- Gemcitabine if poorer performance
- Jan 2023: 1<sup>st</sup> line NALIRIFOX (OS 11.1 mo)

CURRENT DEVELOPMENT FOCUSES ON FIRST-LINE METASTATIC DISEASE WITH POTENTIAL TO MOVE TO EARLIER TREATMENT SETTINGS



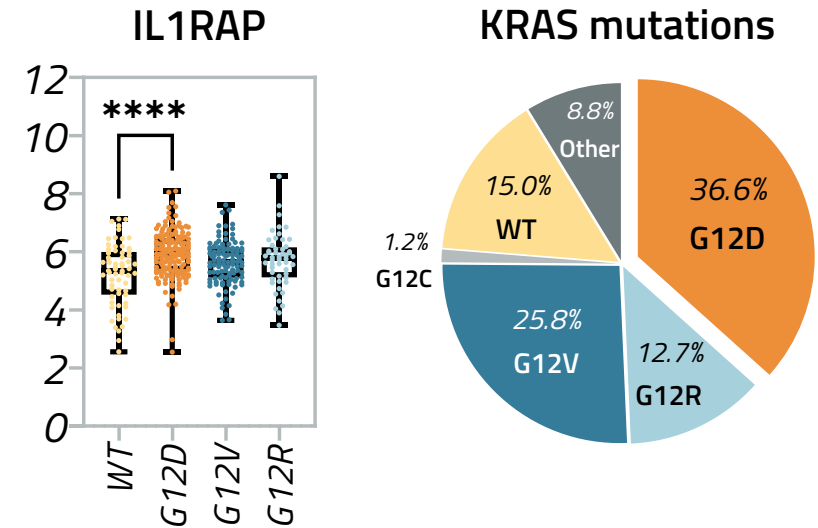
# PDAC – IL1RAP linked to poor prognosis

## IL1RAP IN PDAC



- IL1RAP levels increase with tumor stage
- IL1RAP expressed on both tumor cells, cancer-associated fibroblasts and macrophages in tumor microenvironment
- High IL1RAP correlates with lower efficacy after 1<sup>st</sup> line Gem/Abraxane

## KRAS MUTATIONS IN PDAC

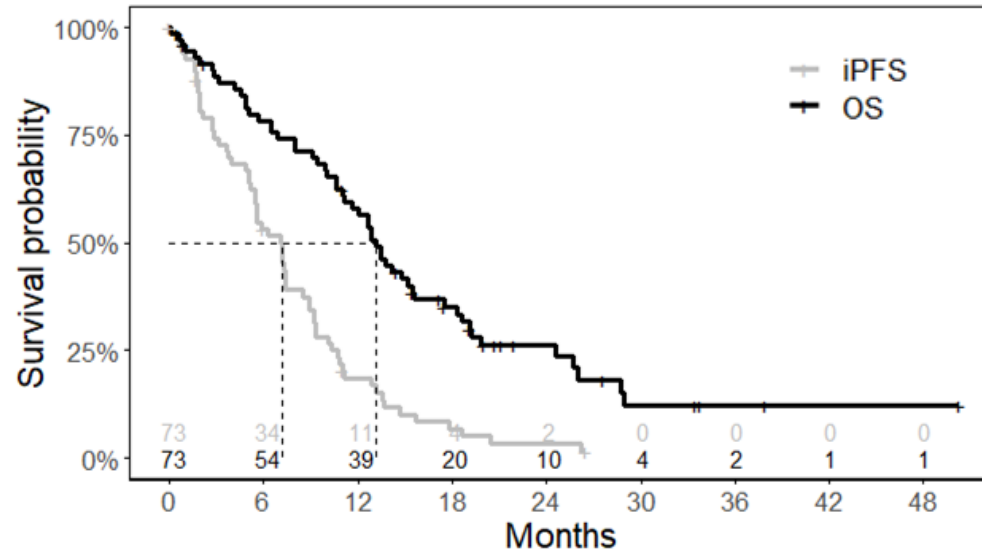


- Over 80 % of PDAC patients have a KRAS mutation; G12D is the most common
- KRAS G12D has a worse prognosis with HR 1.47 (Bournet et al, 2016)
- IL1RAP is overexpressed in patients with KRAS G12D

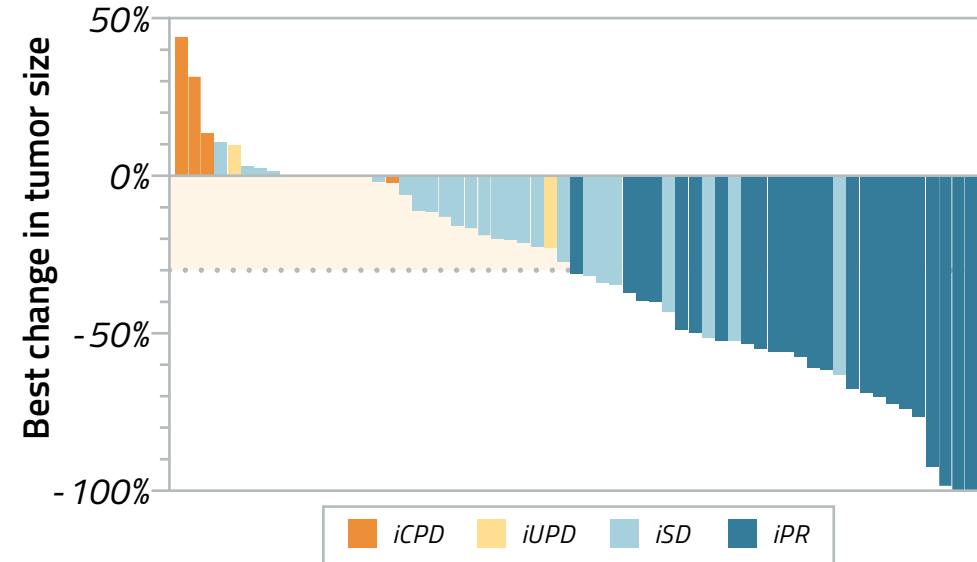
CLEAR LINK BETWEEN IL1RAP, KRAS G12D AND PDAC PROGNOSIS

# PDAC – Positive interim data in 1<sup>st</sup> line patients

OS and iPFS for mITT patients



Best responses according to iRECIST



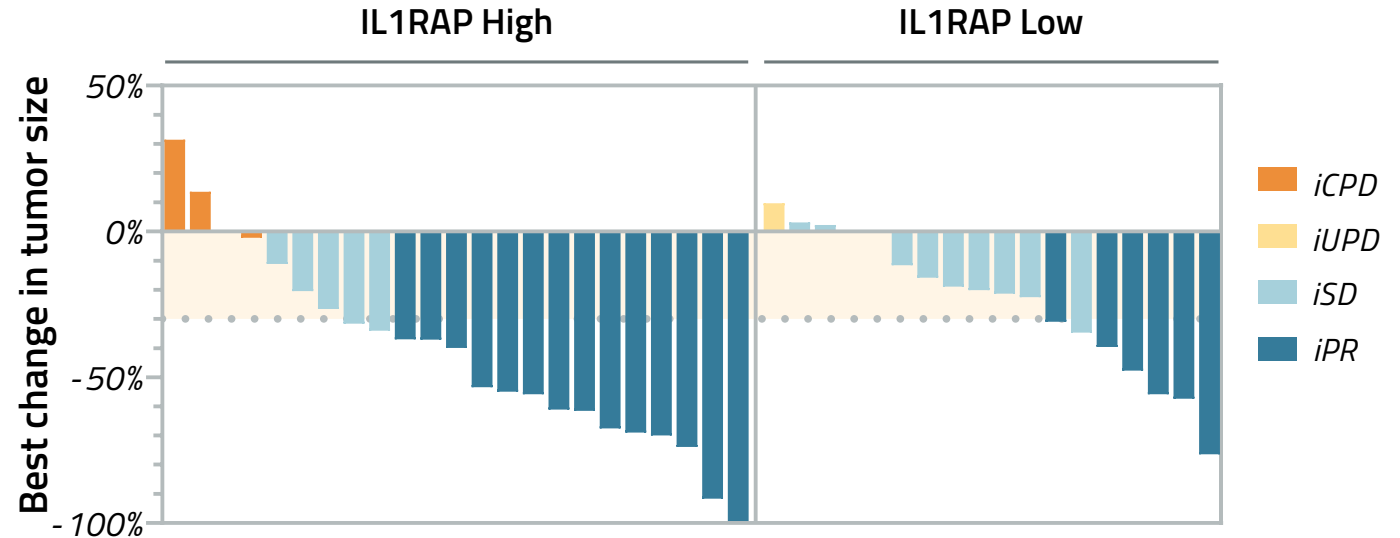
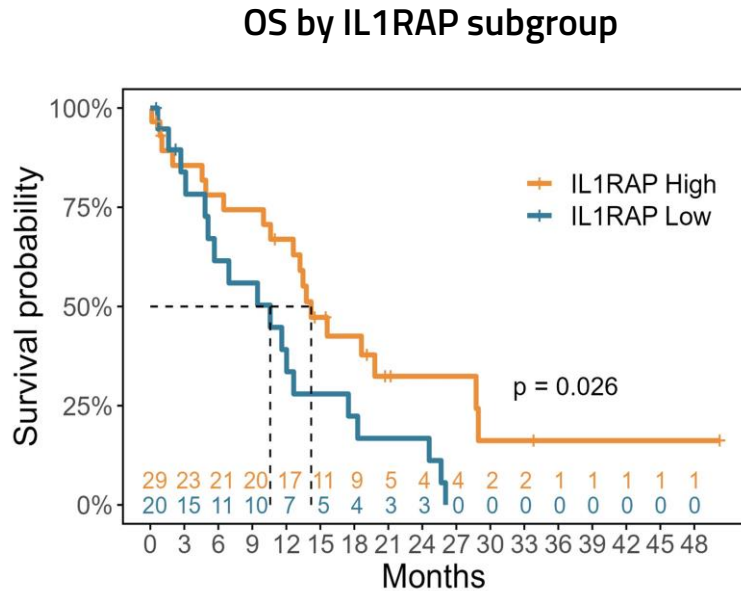
## Nadunolimab combination with Gem/Abraxane in 1<sup>st</sup> line PDAC (n=73):

- 33% response rate with long OS and iPFS
  - Additional 5 (7%) patients had on-treatment benefit beyond progression
- Promising OS (13.2 mo), iPFS (7.2 mo) and DCR (71%); 2 patients still on treatment

**PFS AND OS LONGER THAN EXPECTED GIVEN HISTORICAL CONTROL IN PDAC – PHASE IIB TRIAL IN PREPARATION**

**Benchmark Gem/Abraxane:** OS 8.5 mo, PFS 5.3 mo, ORR 23%, DCR 48% (Von Hoff et al, N Engl J Med 2013); OS 9.2 mo, PFS 5.6 mo, ORR 36%, DCR 62%, (NAPOLI-3, ASCO GI 2023)  
 iCPD – Confirmed Progressive Disease; iUPD – Unconfirmed Progressive Disease; iSD – Stable Disease; iPR – Partial Response (all according to iRECIST)

# PDAC – Strong efficacy in patients with high tumor IL1RAP level

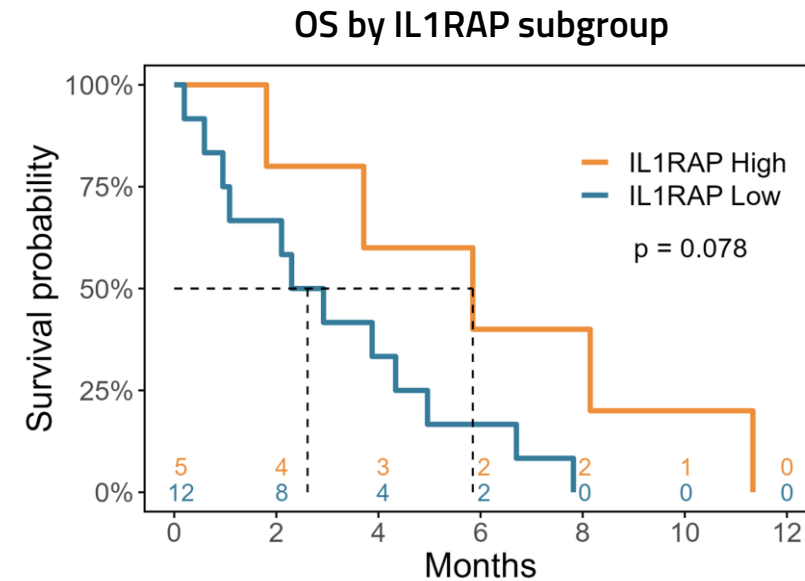
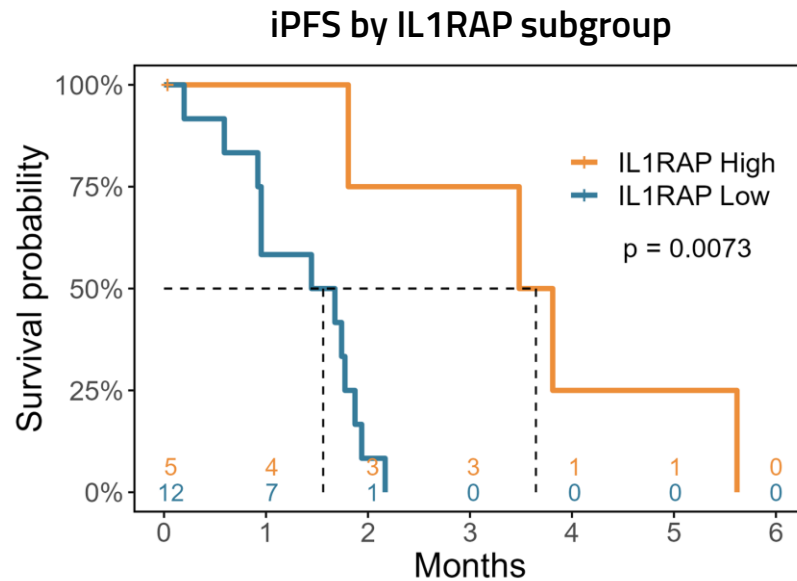


## Efficacy analysis for IL1RAP High (n=29) vs IL1RAP Low (n=20) PDAC patients (1<sup>st</sup> line, combination with Gem/Abraxane):

- 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

NEW DATA IN IL1RAP HIGH PATIENTS SUPPORT ONGOING DEVELOPMENT AND EXPLORATION OF NEW OPPORTUNITIES

# PDAC – Strong efficacy in patients with high tumor IL1RAP level



**Monotherapy efficacy analysis for IL1RAP High (n=5) vs IL1RAP Low (n=12) PDAC patients (late-stage, typically progressed after two lines of chemotherapy):**

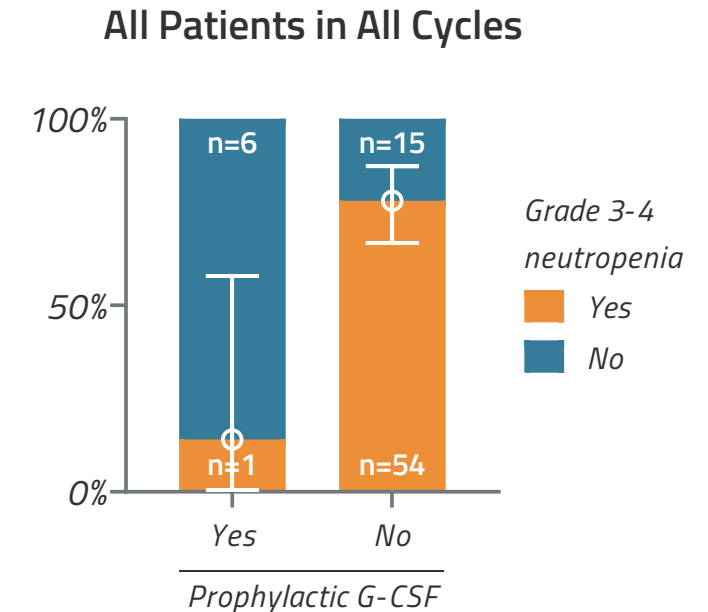
- Significantly prolonged iPFS in IL1RAP High vs IL1RAP Low patients (3.6 vs 1.6 mo; p=0.0073)
- Trend for OS advantage in IL1RAP High patients (5.8 vs 2.6 mo; p=0.078)

**NADUNOLIMAB MONOTHERAPY RESULTS SUPPORT EFFECTS IN IL1RAP HIGH PATIENTS**

# PDAC – Safety profile is manageable and supports MOA

- Neutropenia manageable through G-CSF prophylaxis
  - In 7 patients given G-CSF prophylaxis, only 1 developed grade 3-4 neutropenia
- Only 1 % peripheral neuropathy grade 3-4 observed (17% in historical controls)

| Grade 3 or higher AEs | Gem/Abraxane<br>Von Hoff, 2013 (n=421) | Nadunolimab+Gem/Abraxane<br>CANFOUR (n=76) |
|-----------------------|--|--|
| Neutropenia           | 38%                                    | 65%  |
| Leukopenia            | 31%                                    | 24%  |
| Thrombocytopenia      | 13%                                    | 15%  |
| Febrile neutropenia   | 3%                                     | 13%  |
| Anemia                | 13%                                    | 13%  |
| Fatigue               | 17%                                    | 8%   |
| Diarrhea              | 6%                                     | 3%   |
| Peripheral neuropathy | 17%                                    | 1%   |



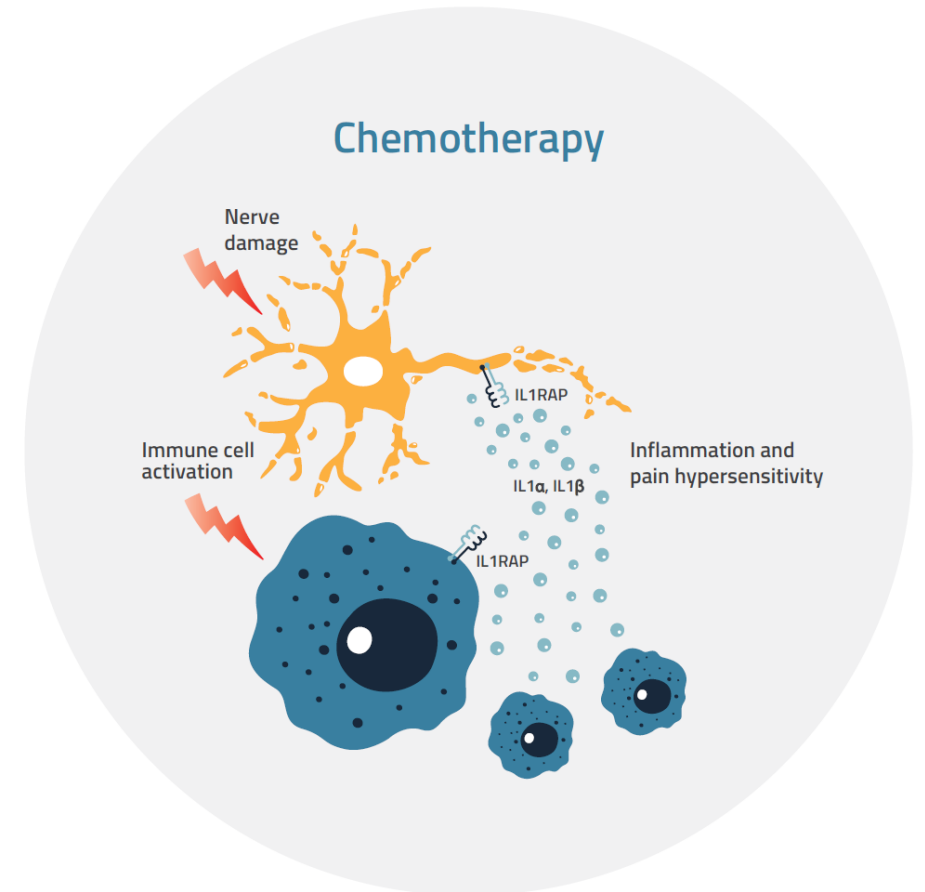
**G-CSF PROPHYLAXIS IMPLEMENTED IN FUTURE TRIALS;  
POTENTIAL REDUCTIONS OF SOME SIDE EFFECTS TO BE DOCUMENTED IN RANDOMIZED TRIALS**

Median duration of treatment 5.5 mo (ref 3.9 mo); most common reasons for termination: gastrointestinal events or general health deterioration. No patients discontinued due to neutropenia.



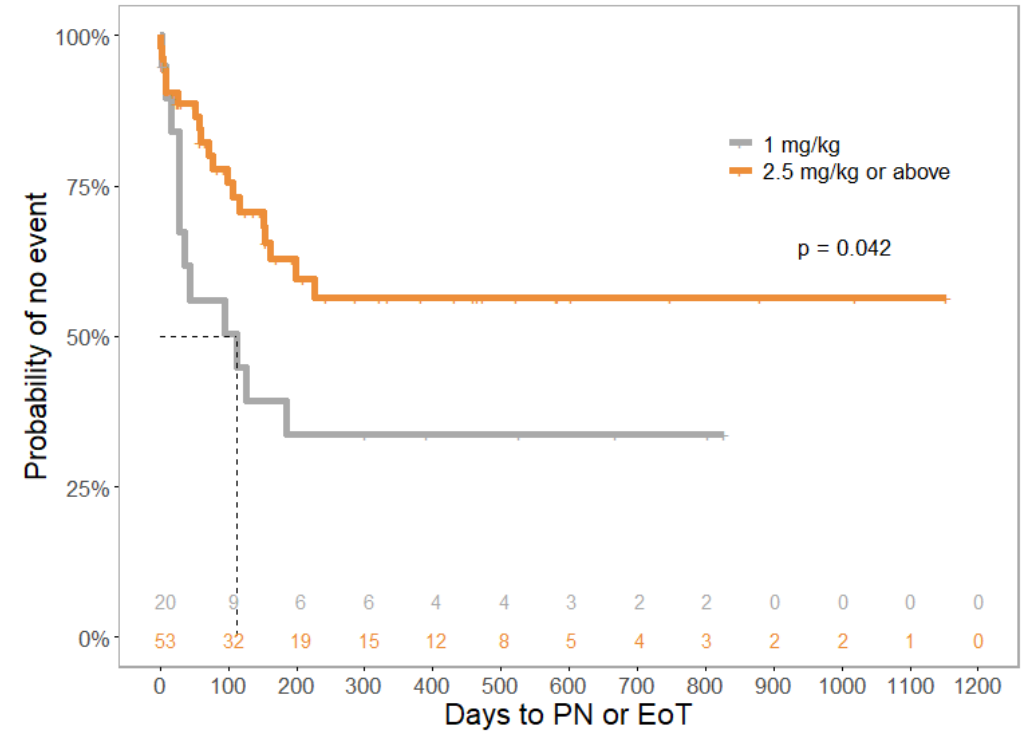
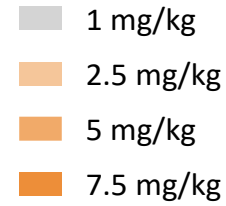
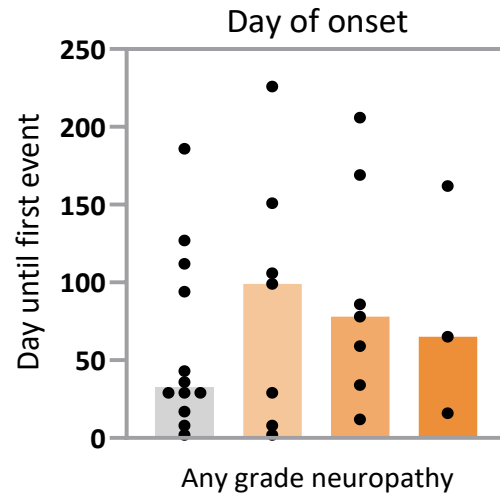
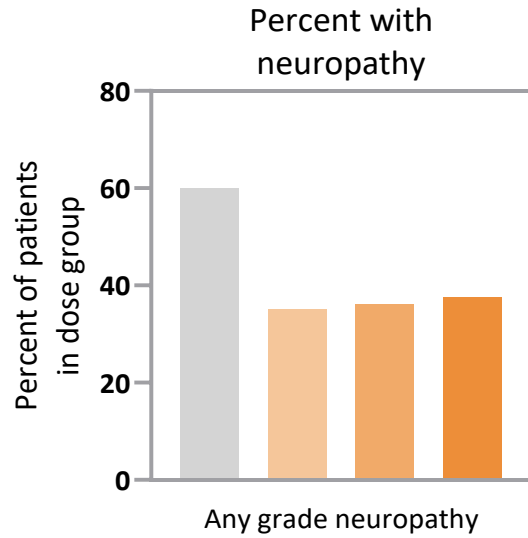
# Nadunolimab and alleviation of neuropathy

- Chemotherapy induce neuropathy by several pathways including IL-1 (neuroinflammation)
- Nadunolimab, phase 2 data in PDAC with Gem/nabP
  - lower Grade 3-4 peripheral neuropathy than expected from historical controls (1% vs 17%).
- Correlation between nadunolimab dose level and protective effect
- Counteraction of chemotherapy-induced neuropathy in animal models



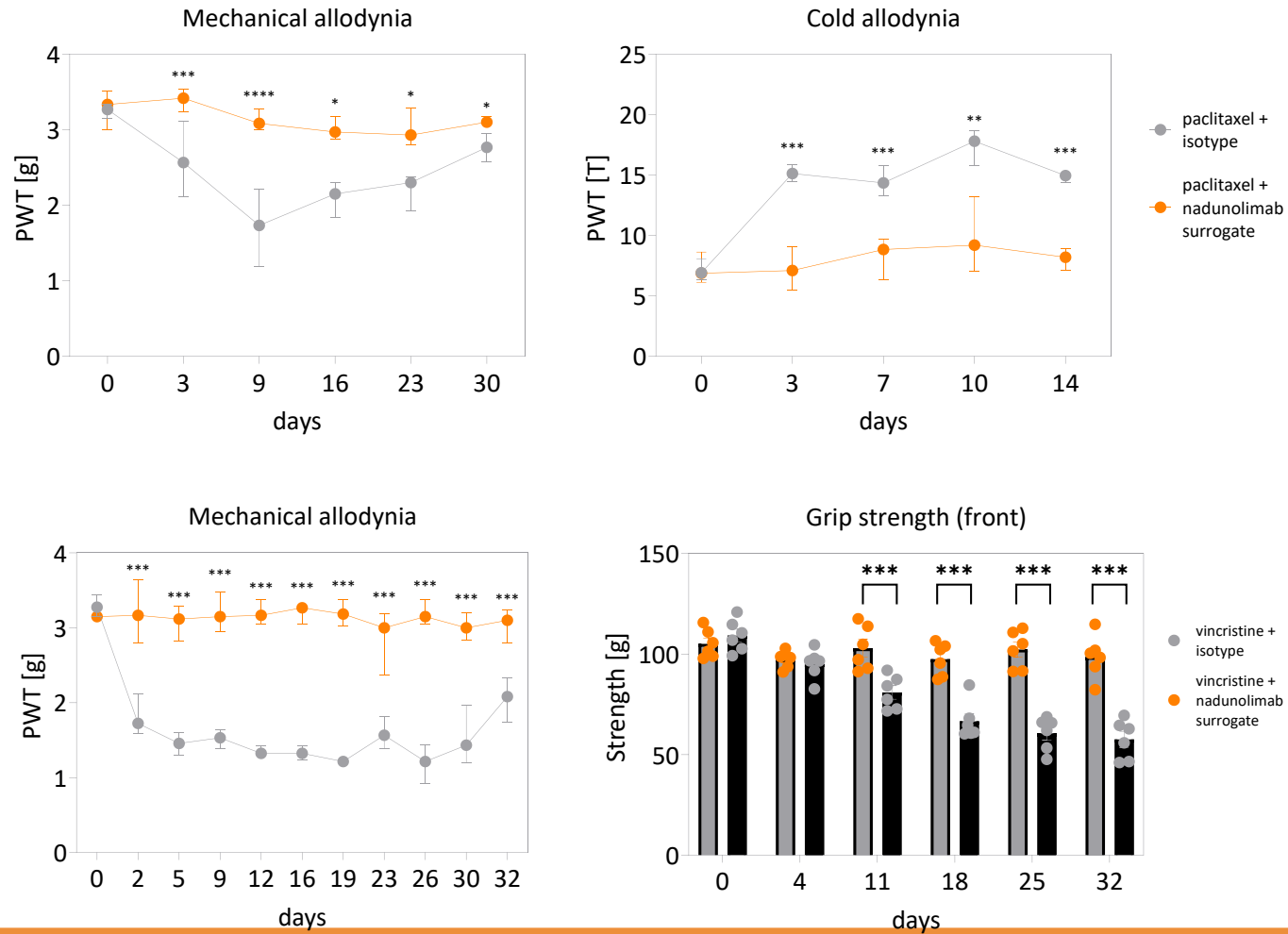
IN ADDITION TO PROMISING EFFICACY NADUNOLIMAB COULD CONTRIBUTE TO SAFER COMBINATION THERAPIES

# Nadunolimab and alleviation of neuropathy



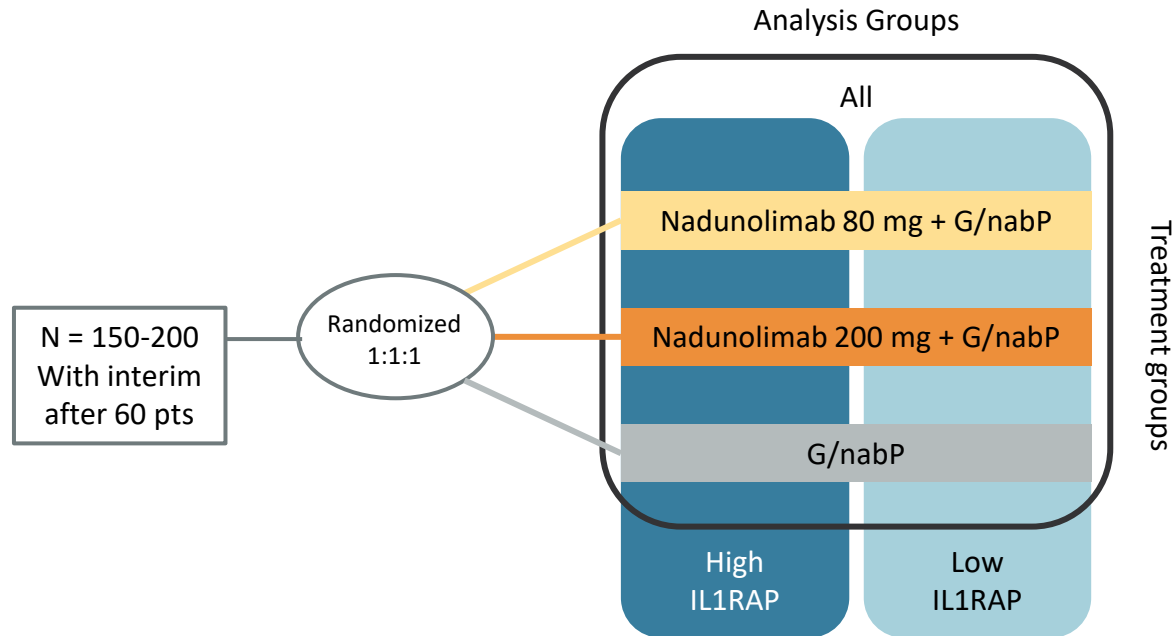
CORRELATION WITH NADUNOLIMAB AND DECREASE IN NEUROPATHY

# Nadunolimab and alleviation of neuropathy



NADUNOLIMAB COUNTERACT NEUROPATHY INDUCED BY PACLITAXEL OR VINCRIStINE IN ANIMAL MODELS

# PDAC – Phase IIb study design



## Primary endpoint:

→ PFS

## Pre-planned interim review :

→ After 60 pts to allow strategic next steps incl. regulatory

## Timelines:

→ FPI planned for mid 2024 (US regulatory approval obtained)

## Geography:

→ USA and Europe

PHASE IIB TRIAL TO VALIDATE STRONG SIGNAL OF ACTIVITY IN IL1RAP HIGH PATIENTS

# Nadunolimab PDAC milestone targets

| mid-2024            | H1 2025                     | H2 2025                 | H1 2026                       | H1 2027                 | H1 2028 | H2 2028 |
|---------------------|-----------------------------|-------------------------|-------------------------------|-------------------------|---------|---------|
| Start PANFOUR study | PANFOUR enrolment completed | PANFOUR study results   |                               |                         |         |         |
|                     | <b>FDA meeting</b>          | <b>FDA EOP2 meeting</b> |                               |                         |         |         |
|                     | Phase III study preparation | Start Phase III study   | Phase III enrolment completed | Phase III study results |         |         |

**Confirm CANFOUR high IL1RAP results and accelerated path to market**

- Interim efficacy & subgroup analysis
- Discuss and agree dose and data driven patient selection strategy for Phase III / BLA
  - IL1RAP or KRAS or serum BM patient selection

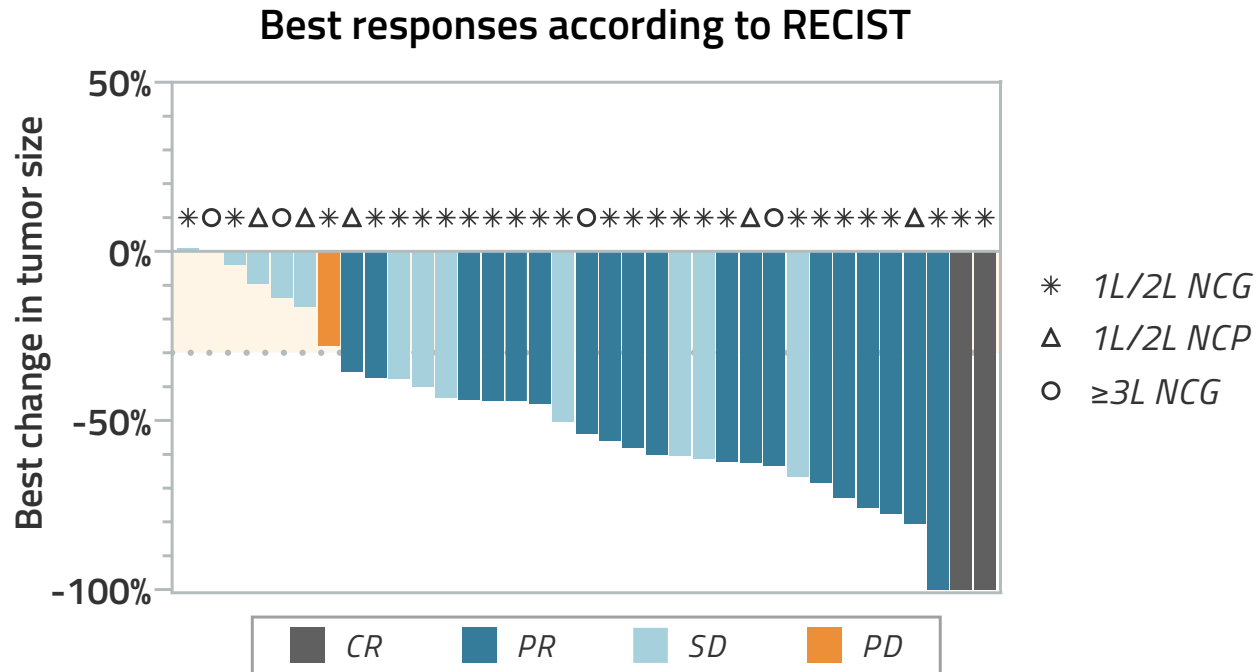
**Potential  
BLA / MAA  
submission**

**Potential US  
market launch**

PANFOUR study design address FDA Project Optimus and Frontrunner guidelines and de-risks development with interim snapshot to evaluate efficacy, safety and biomarker subgroup analysis



# NSCLC – Promising efficacy of nadunolimab combination therapy



## High ORR to nadunolimab and platinum doublets in different lines of therapy:

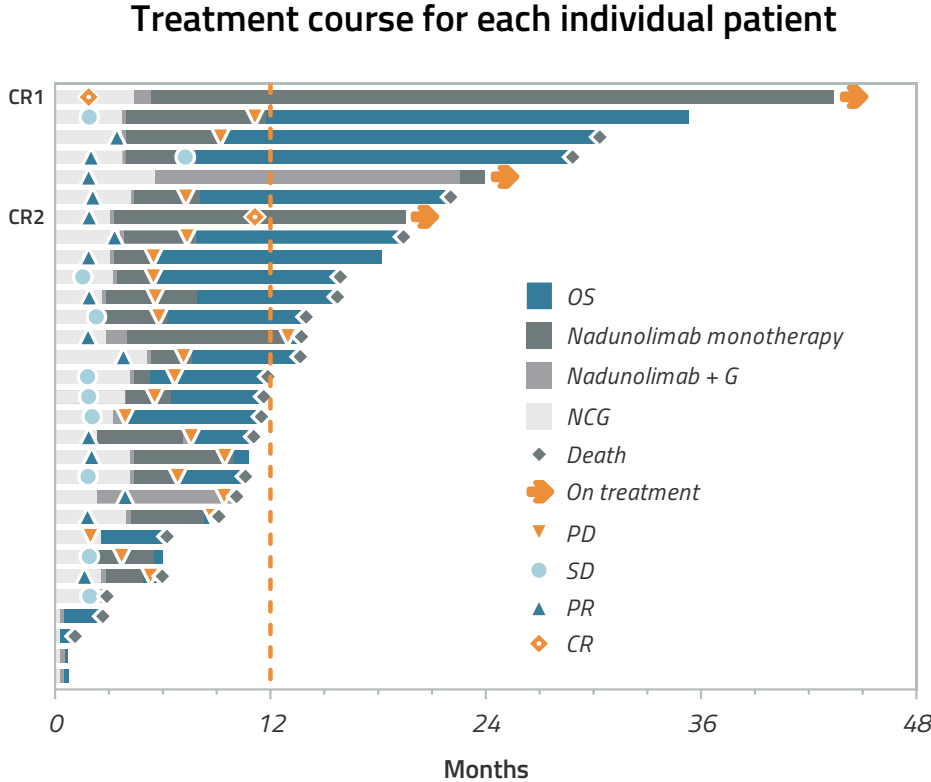
- Gem/Cis 1<sup>st</sup>/2<sup>nd</sup> line: ORR 53% (n=30)
- Carbo/Pemtrex 1<sup>st</sup>/2<sup>nd</sup> line: ORR 60% (n=5)
- Gem/Cis ≥3<sup>rd</sup> line: ORR 50% (n=4)

**CONSISTENTLY HIGH RESPONSE RATES WITH NADUNOLIMAB AND PLATINUM DOUBLETS**

# NSCLC – Long-term benefit with strong signal in non-squamous subtype

|                   | All (n=30)        | Historical data <sup>1,2</sup> | Non-squamous (n=16) | Non-squamous, historical data <sup>3</sup> |
|-------------------|-------------------|--------------------------------|---------------------|--|
| Median OS         | <b>13.7 mo</b>    | 10.3 mo                        | <b>15.9 mo</b>      | 11.3 mo                                    |
| Median PFS        | <b>7.0 mo</b>     | 5.1 mo                         | <b>7.3 mo</b>       | 4.9 mo                                     |
| ORR               | <b>53%</b>        | 22-28 %                        | <b>56%</b>          | 19%  |
| Complete response | <b>6.7% (n=2)</b> | <1%                            | <b>12.5% (n=2)</b>  | <1%  |

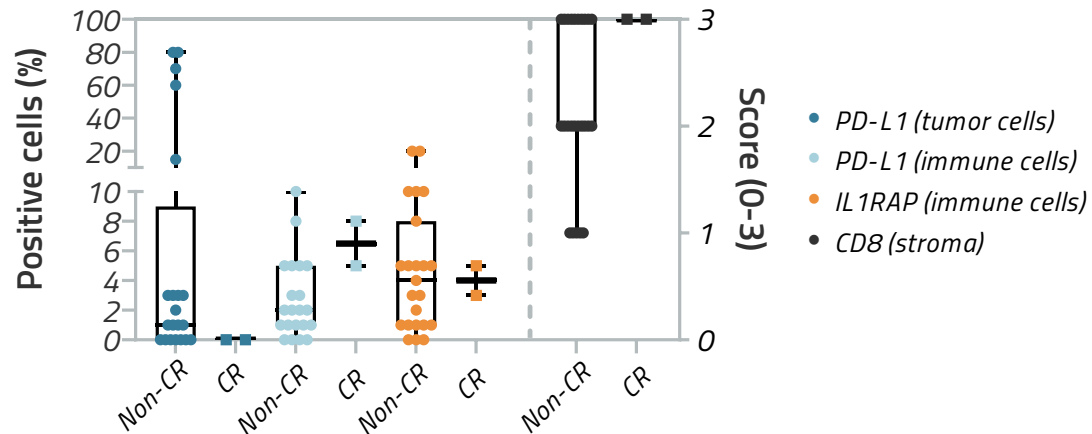
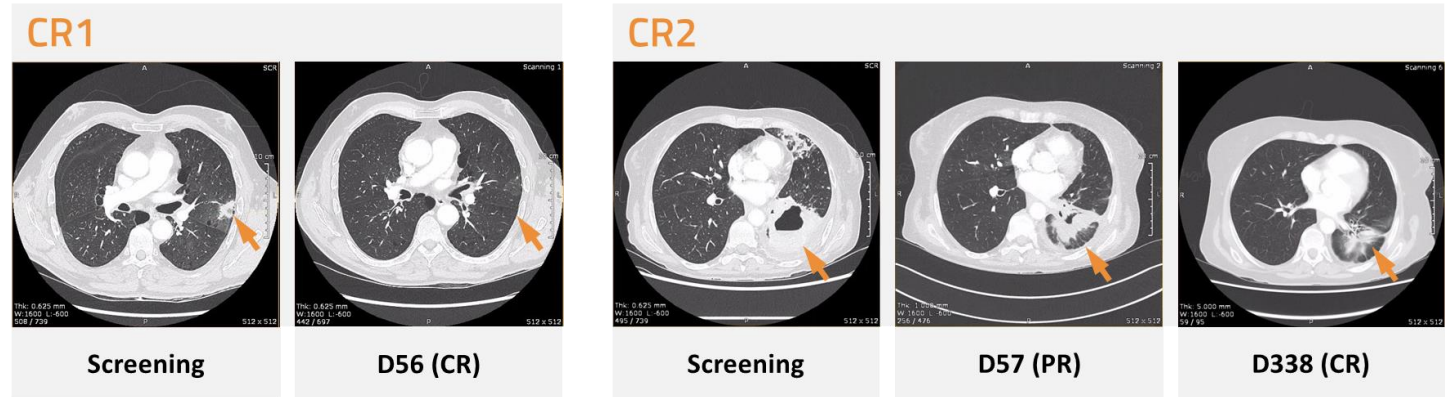
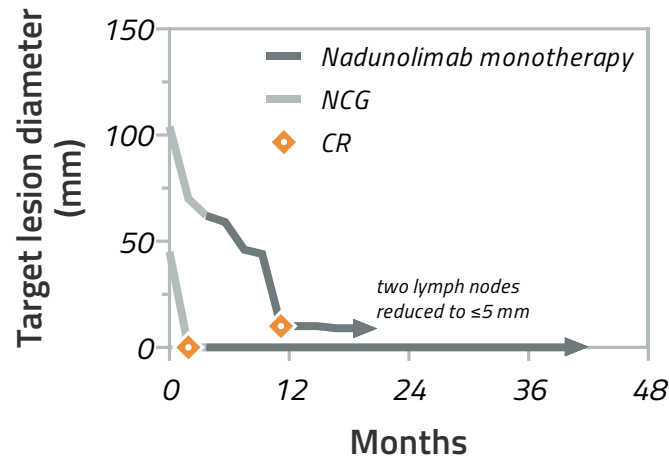
- Strongest efficacy in 16 non-squamous patients
- Long-term benefit of nadunolimab combination therapy, including two complete responses



**NADUNOLIMAB COMBINATION THERAPY COMPARES VERY FAVORABLY TO HISTORICAL DATA FOR CHEMOTHERAPY ALONE**

<sup>1</sup> Schiller et al, N Engl J Med 2002; <sup>2</sup> Scagliotti et al, J Clin Oncol 2008; <sup>3</sup> Gandhi et al, N Engl J Med 2018  
 PD – Progressive Disease; SD – Stable Disease; PR – Partial Response; CR – Complete Response; NCG – Nadunolimab/Cisplatin/Gemcitabine

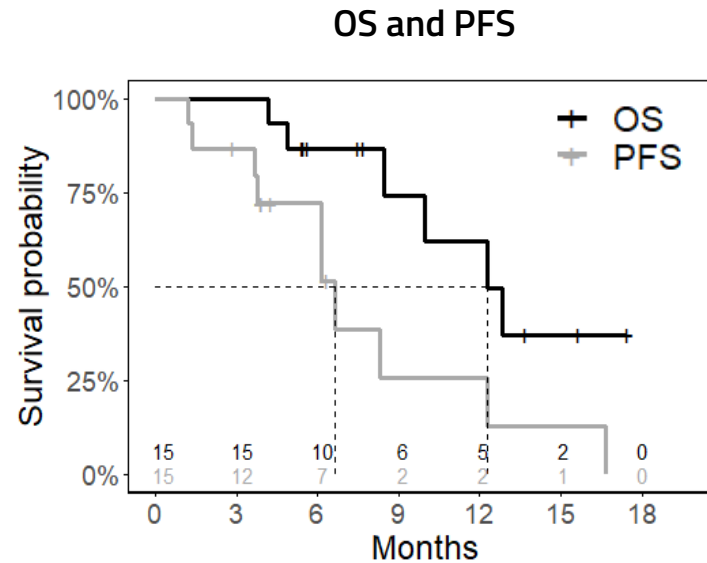
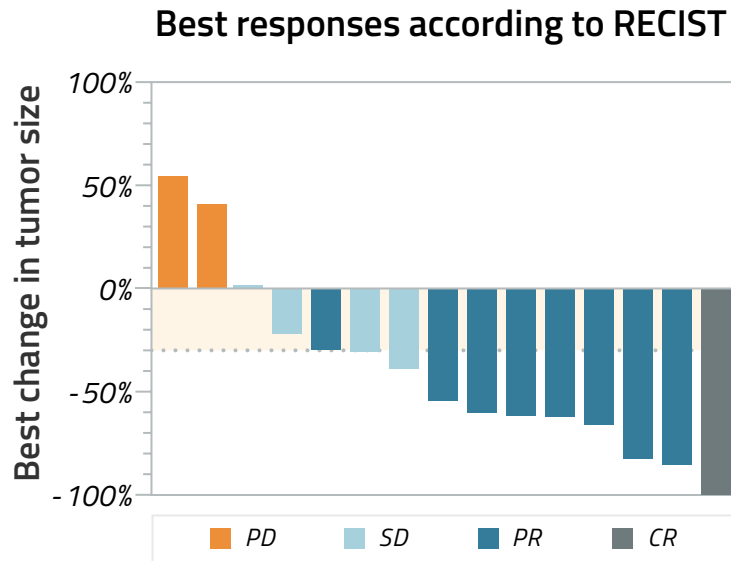
# NSCLC – Complete responders with distinct biomarker profile



- One CR maintained over 3 yrs (CR1), second CR achieved on nadunolimab monotherapy approx. 9 mo post-chemo (CR2)
- Both non-squamous, progressed on pembro, with PD-L1<sup>-</sup> tumor cells, PD-L1<sup>+</sup> immune cells in tumor

**SIGNAL OF NADUNOLIMAB MONOTHERAPY ACTIVITY RESULTING IN COMPLETE RESPONSE**  
**FURTHER BIOMARKER ANALYSES ONGOING FOR FUTURE DEVELOPMENT STRATEGY**

# TNBC – Promising early safety and efficacy



## Nadunolimab combination with Gem/Carbo in 1<sup>st</sup>/2<sup>nd</sup> line metastatic TNBC:

### 15 patients enrolled in the dose-escalation phase:

- Preliminary ORR: 60% (1 CR, 8 PR, 4 SD, 2 PD)
- Preliminary median OS 12.3 mo, median PFS 6.6 mo
- Acceptable safety profile (G-CSF given prophylactically to control neutropenia)
- Randomized phase II ongoing

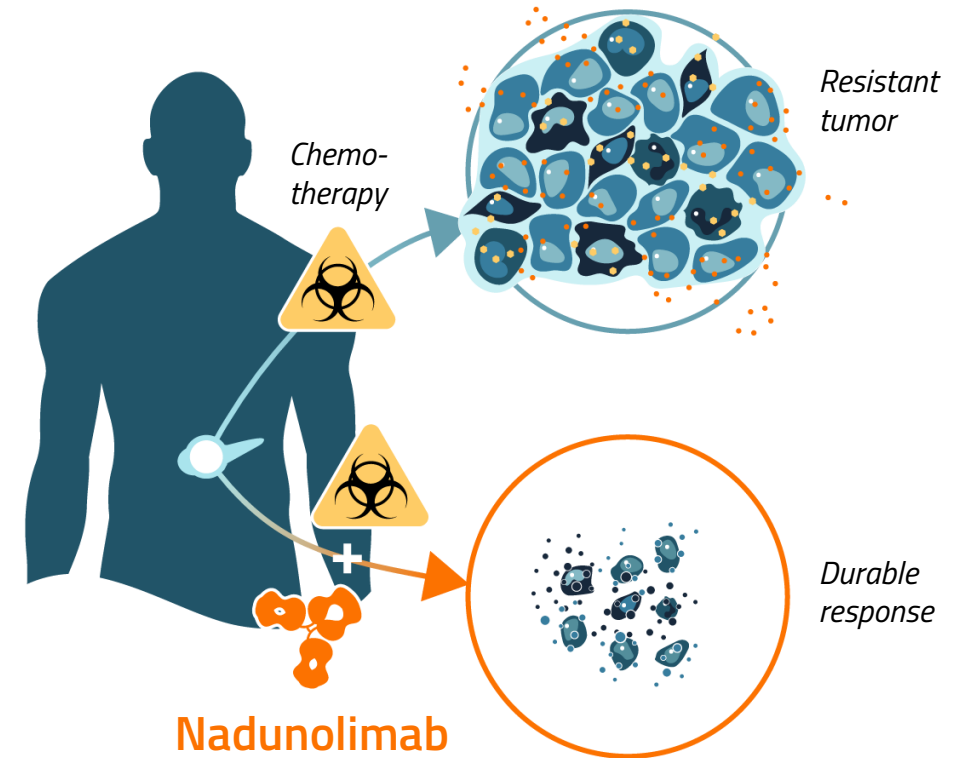
Benchmark Gem/Carbo: OS 11.1 mo, PFS 4.1 mo, ORR 30% (O'Shaughnessy et al, J Clin Oncol 2014)

**RESPONSE RATE OF NADUNOLIMAB COMBINATION THERAPY WELL ABOVE HISTORICAL DATA FOR CHEMOTHERAPY ONLY**

PD – Progressive Disease; SD – Stable Disease; PR – Partial Response; CR – Complete Response

# Key messages

- Nadunolimab, investigated in almost 300 pts, shows efficacy both as monotherapy as well as in combination.
- Clinical results strongly support potential unique first-in-class opportunities in PDAC, NSCLC and TNBC. Controlled phase 2 trial ongoing in TNBC and in preparation for PDAC
- PDAC patients with high IL1RAP level respond best to nadunolimab combination therapy despite having a worse prognosis.
- The mechanism include counteracting chemotherapy resistance through upregulation of both IL-1 $\alpha$  and IL-1 $\beta$ , signaling through IL1RAP. The mechanism is highly relevant for ADC combination strategies



PROMISING EFFICACY OF NADUNOLIMAB– CURRENT FOCUS ON RANDOMIZED CLINICAL TRIALS AGAINST CHEMOTHERAPY



## MILESTONES & INVESTMENT HIGHLIGHTS



# Upcoming milestones

## Nadunolimab

| PDAC   | TNBC  | AML/MDS  | CAN10  | Additional milestones   |
|--|---|--|--|---|
| <ul style="list-style-type: none"><li>• Start of Phase IIb trial in 150-200 patients</li><li>• Phase IIb top-line data in 2025</li></ul> | <ul style="list-style-type: none"><li>• Full recruitment H2 2024</li><li>• Randomized Phase II top-line data in late 2024</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></ul> | <ul style="list-style-type: none"><li>• NSCLC – Efficacy &amp; biomarker data from CANFOUR during 2024</li><li>• New clinical data presented from CIRIFOUR, CAPAFOUR and CESTAFOUR trials</li><li>• New preclinical and translational results</li></ul> |

EXTENSIVE NEWS FLOW EXPECTED DURING 2024

# 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; >250 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. New data Q2 2024



## CORPORATE STRENGTH DRIVING INNOVATION

- Solid cash position with runway into 2025 (143MSEK (14 MUSD) cash & equivalents at Q1 2024)
- Robust patent portfolio: IL1RAP antibody target in oncology (2032), nadunolimab (2035) and CAN10 (2041)

# Cantargia IP

→ Lead candidate anti-IL1RAP antibody **CAN04**

Expiry year **2035**

Granted (e.g. Europe, USA, China, Japan)

Mother patent and divisionals

→ Lead candidate anti-IL1RAP antibody **CAN10**

Expiry year **2041**

Granted (USA)

Examination at early stage in remaining territories

→ Anti-IL1RAP for treatment of **solid tumors**

Expiry year **2032**

Granted (e.g. Europe, USA, China, Japan)

Mother patent and divisionals

→ Anti-IL1RAP for treatment of **hematological disorders**

Expiry year **2030**

Granted (e.g. Europe, USA, China, Japan)

Mother patent and divisionals

→ Anti-IL1RAP for treatment of **myeloproliferative disorders**

Acquired from Cellerant; expiry year **2029**

Granted (USA)

→ Additional patent families covering alternative anti-IL1RAP antibodies

Starting point for CANxx project(s)

