

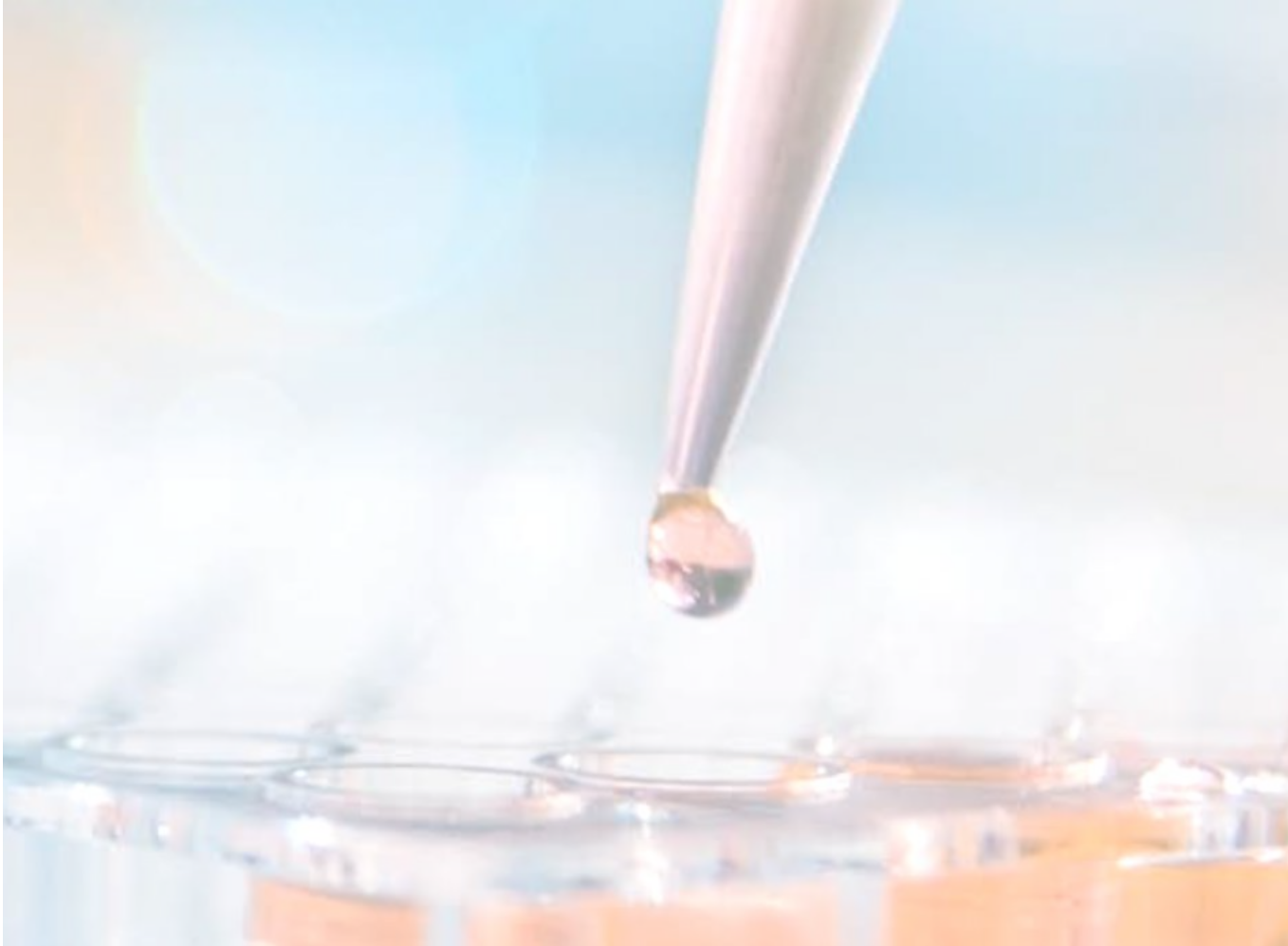


We want to save patients with severe cancer and autoimmune diseases  
*Clinical investigations with our lead antibody CAN04 to our proprietary target*

Göran Forsberg, CEO

March 2021

# Safe Harbour Statement

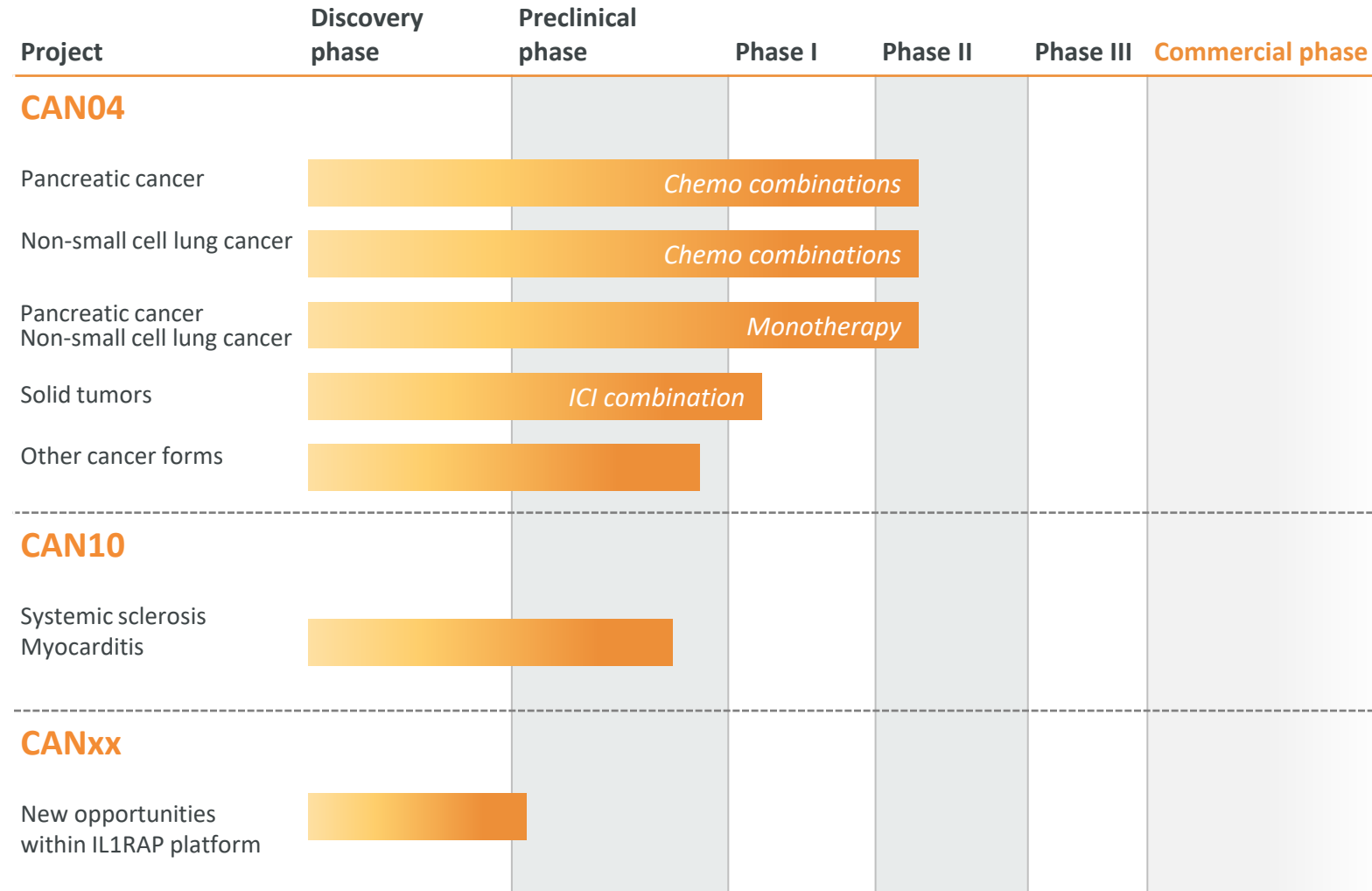


*Statements in the Investor Presentation, including those regarding the possible or assumed future or other performance of the Company or its industry or other trend projections, constitute forward-looking statements. By their nature, forward-looking statements involve known and unknown risks, uncertainties, 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.*



## I. INTRODUCTION

# Cantargia – Opportunity to save lives and create value



-  Potentially more effective treatment against novel target in clinically validated pathway
-  First in class platform technology against novel target
-  Well financed to build a broad, diversified pipeline
-  Right team and clear plan to position our projects and maximize value

# Cantargia highlights



## UNIQUE IMMUNOTHERAPY ANTIBODY CAN04 IN PHASE IIA CLINICAL DEVELOPMENT

- Positive interim data set - response rates higher than historical control
- First in class antibody with broader MOA than competitors



## VISION OF BECOMING AN IMPORTANT PART IN FUTURE CANCER TREATMENTS

- Combination strategy based on synergies with established therapies



## PLATFORM WITH MANY POTENTIAL THERAPEUTIC AREAS

- Target IL1RAP found on most solid tumor forms and leukemia
- IL1RAP signalling (IL-1, IL-33 and IL-36) in large number of diseases



## HIGHLY RELEVANT RESEARCH WITHIN CLINICALLY VALIDATED MECHANISMS

- Focus on opportunities with major unmet medical need



## ROBUST PATENT PORTFOLIO

- Global patent families on IL1RAP as antibody target in oncology until 2032 and CAN04 until 2035



## NASDAQ STOCKHOLM MAIN LIST ~10,000 SHAREHOLDERS AND LONG TERM INVESTORS

- Market cap: SEK 3.0bn (USD ~360m) (29 Mar-21)
- Cash: SEK 903m (USD 108m) (31 Dec-20)

## Current owners (30 Dec 2020)

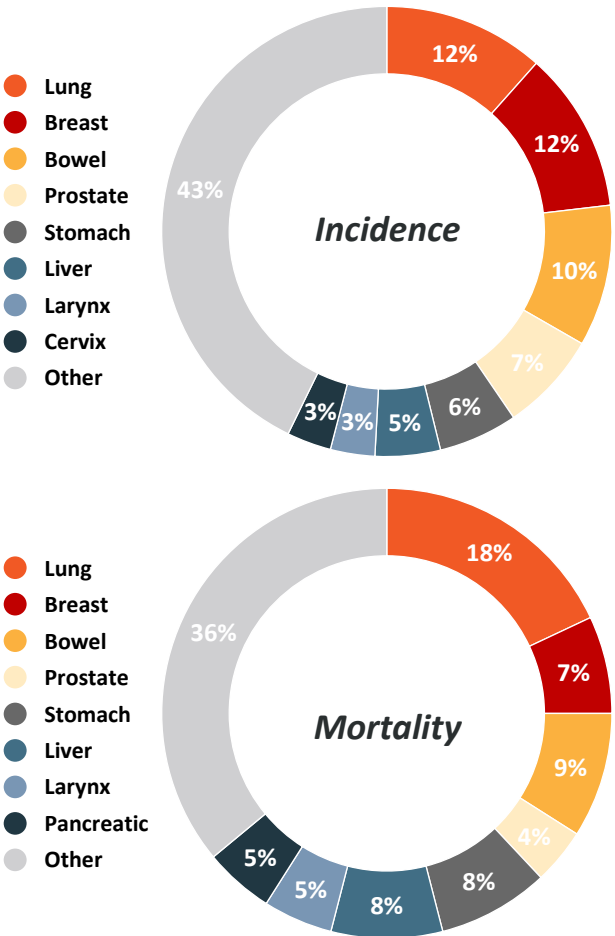
Swedbank Robur Funds	9.7%
4th AP fund	7.7%
Alecta	6.6%
1st AP fund	6.3%
Öhman Bank S.A.	5.3%
Handelsbanken fonder	3.8%
Avanza Pension	3.8%
Sunstone LSV	3.5%
Morgan Stanley	2.0%
JP Morgan	1.8%
Others	49.5%



A microscopic image of cells, possibly lymphocytes, with a blue overlay. The cells have a granular, textured appearance. A semi-transparent dark blue horizontal band is positioned across the middle of the image, containing white text.

## II. LEAD ANTIBODY CAN04

# Cantargia addresses NSCLC & PDAC



## Non-Small Cell Lung Cancer



**2.1m** Annual global incidences

**12%** Fraction of cancer incidence

**1.8m** Annual global mortalities

**18%** Fraction of cancer mortality

**19%** Five-year survival rate

**Treatment:** Surgery, Radiation, Chemotherapy, Immunotherapy

## Pancreatic cancer



**0.5m** Annual global incidences

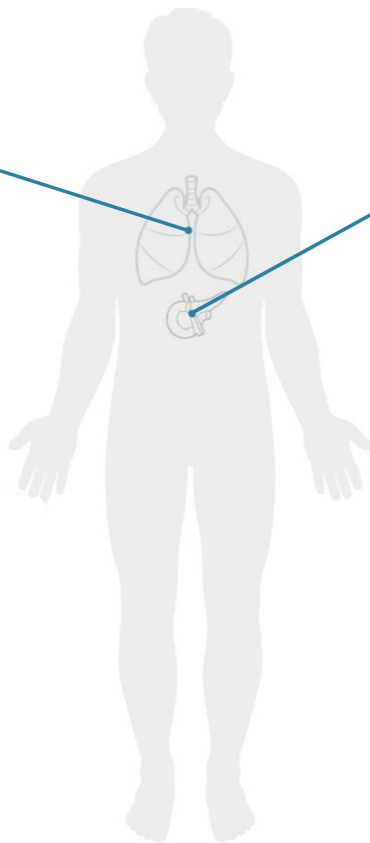
**3%** Fraction of cancer incidence

**0.4m** Annual global mortalities

**5%** Fraction of cancer mortality

**9%** Five-year survival rate

**Treatment:** Chemotherapy, Surgery, Radiation

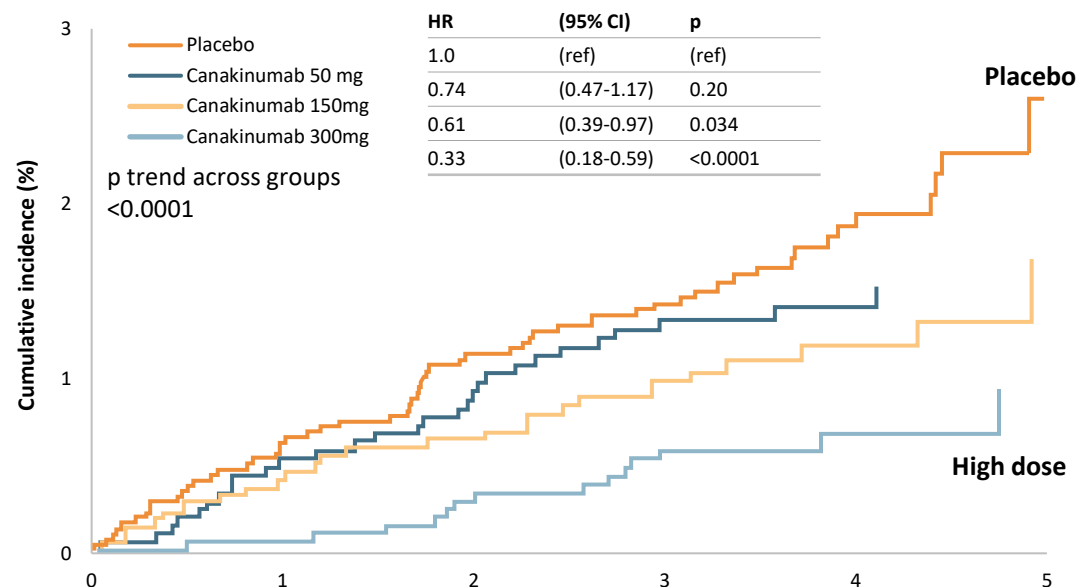


SIGNIFICANT UNMET NEEDS IN LUNG AND PANCREATIC CANCER

# Inflammatory IL-1 pathway validated as target

## Cantos trial (n=10,061)

- Canakinumab (Novartis)
- Reduced lung cancer incidence by 67% and death by 77%
- Reduced non-lung cancer death by 37%



## Canakinumab phase III trials

### ADJUVANT NSCLC (CANOPY-A)

- 1,500 patients (recruiting)
- After surgery, no mets, placebo control

### FIRST LINE NSCLC (CANOPY-1)

- 626 patients (results H2 2021)
- Untreated locally advanced/metastatic
- Combination Pembro/Platinum doublet

### 2<sup>nd</sup>/3<sup>rd</sup> LINE NSCLC (CANOPY-2)

- 240 patients
- Combinational Docetaxel
- Primary endpoint not reached, further data pending

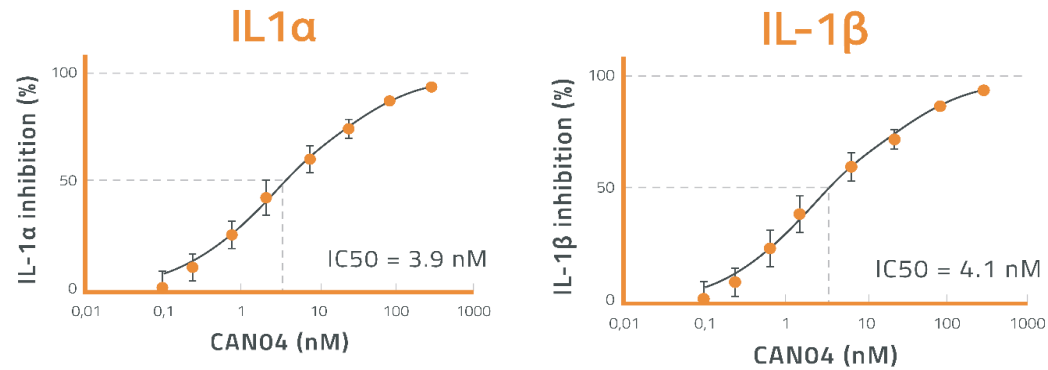
### ADDITIONAL TRIALS

- Renal cell cancer
- Gastroesophageal cancer
- Colorectal cancer
- Non-small cell lung cancer

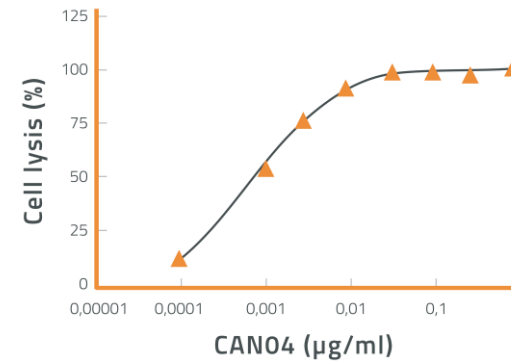
ROLE OF IL-1B IN EARLY STAGE CANCER  
TWO PHASE III TRIALS AS WELL AS PHASE I-II TRIALS ONGOING  
CAN04 PROVIDE MORE POTENT BLOCKADE OF PATHWAY



# CAN04 – Dual anticancer mechanism

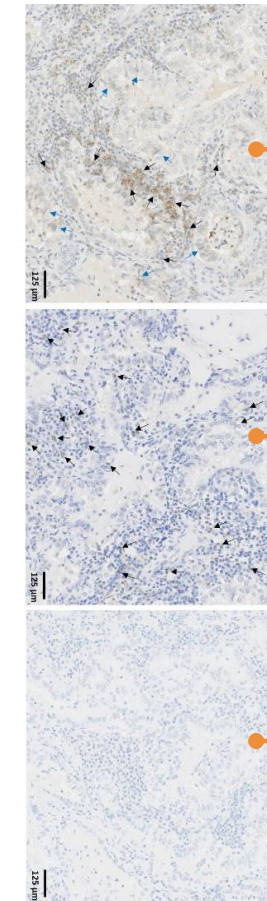


*Inhibition of IL-1 signaling*



*ADCC enhanced antibody*

NSCLC



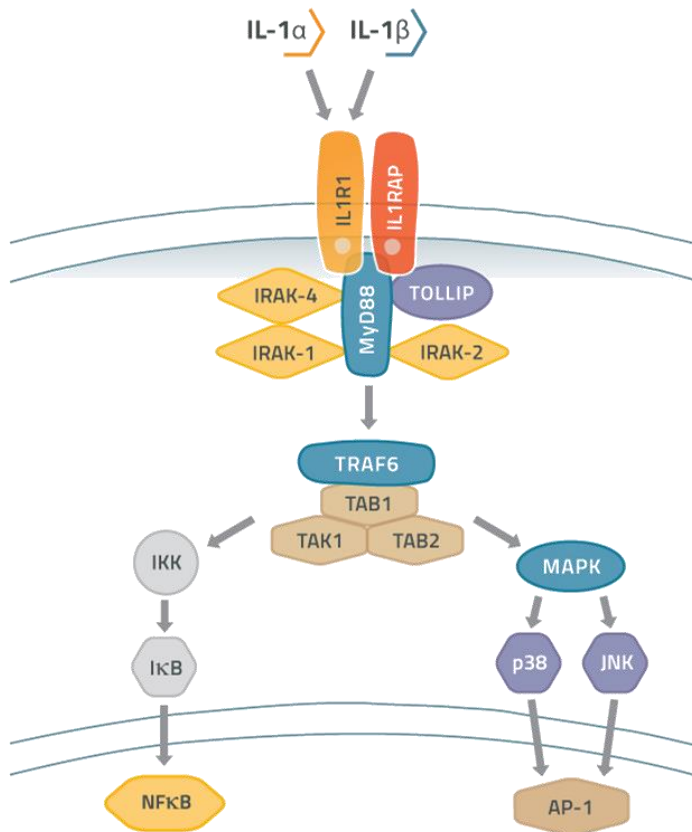
IL1α

IL1β

Ctrl

CAN04 BLOCKS BOTH FORMS OF IL-1 AND STIMULATES DIRECT KILLING OF CANCER CELLS

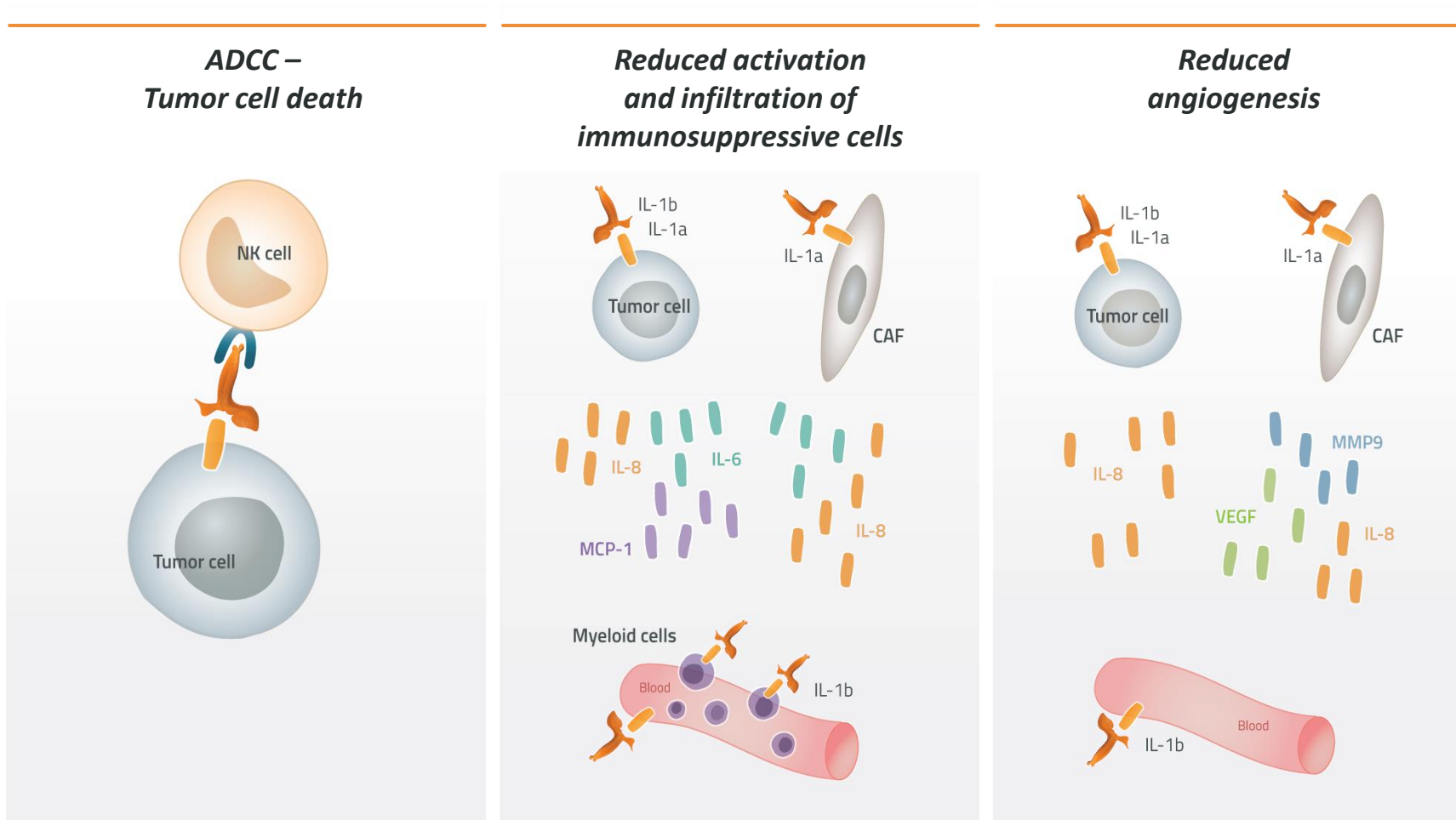
# CAN04 – Differentiated and superior MOA



Cancer context	IL-1α	IL-1β	comment
<b>Localization</b>	<ul style="list-style-type: none"> <li>Cellbound and soluble</li> <li>Cancer cells and stroma</li> </ul>	<ul style="list-style-type: none"> <li>Soluble</li> </ul>	<ul style="list-style-type: none"> <li>IL-1α trigger and IL-1β enhance inflammation</li> <li>Often work in pair</li> </ul>
<b>Function</b>	<ul style="list-style-type: none"> <li>Stimulates inflammation - IL1R1 -forming complex with IL1RAP</li> <li>IL-1, IL1R1 and IL1RAP in complex - essential for signal</li> <li>Note: Significant differences in amino acid sequence</li> </ul>		<ul style="list-style-type: none"> <li>No known difference in signal induced by the 2 forms</li> </ul>
<b>Clinical data from blockade</b>	<ul style="list-style-type: none"> <li>Signal of benefit in CRC and NSCLC</li> </ul>	<ul style="list-style-type: none"> <li>CANTOS: reduce lung cancer incidence and death</li> </ul>	

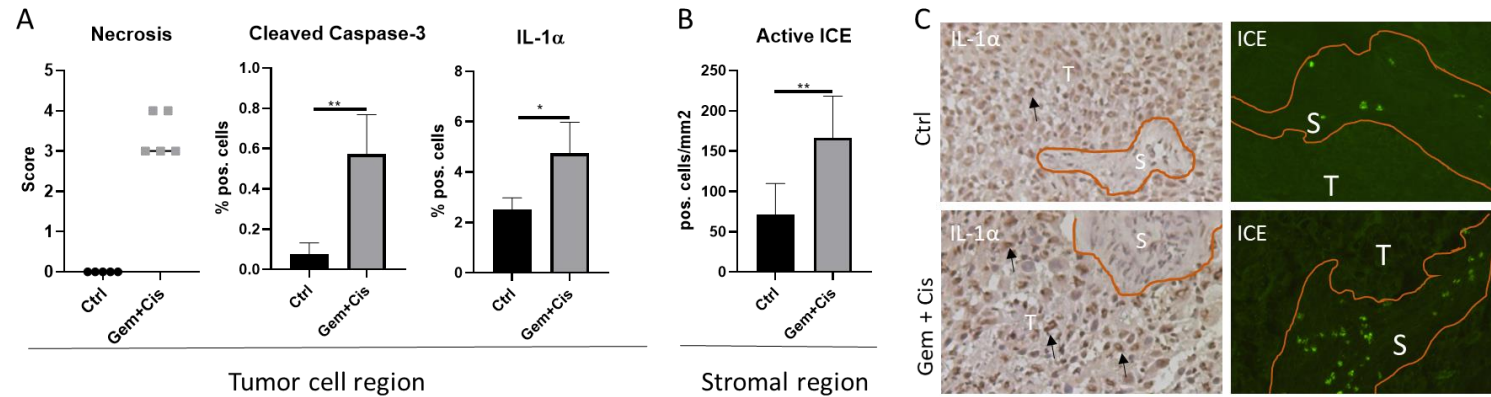
Company	Compound	IL-1α	IL-1β	ADCC	Indication/dev phase
<b>Cantargia</b>	CAN04	++	++	++	• Pancreatic cancer, NSCLC phase IIa
<b>Xbiotech/Janssen</b>	Xilonix	++	–	+	• Autoimmunity, dermatology • Pancreatic cancer, phase I
<b>Novartis</b>	Canakinumab Gevokizumab	–	++	–	• Autoimmunity, registered • NSCLC, phase III • Cancer comb, phase II
<b>Flame Biosci.</b>	FL-101	–	++	–	• NSCLC
<b>Buzzard</b>	Isunakinra	++	++	–	• Cancer phase I
<b>SOBI</b>	Kineret	++	++	–	• Autoimmunity, reg
<b>Regeneron/Kiniksa</b>	Rilonacept	++	++	–	• Autoimmunity, reg • Pericarditis
<b>R-Pharm</b>	RPH-104	+	++	–	• Pericarditis, inflammatory disease

# CAN04 – Mechanism of action

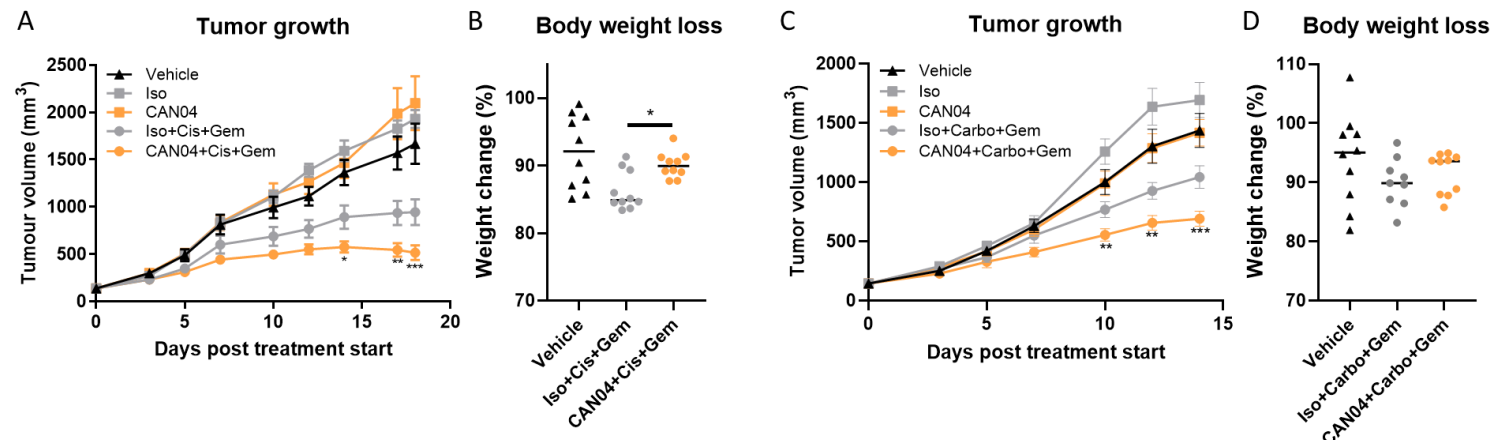


**CAN04 BLOCKS BOTH FORMS OF IL-1 AND CAN ERADICATE CELLS MEDIATING THE EFFECTS OF IL-1**

# Targeting IL1RAP allows unique synergistic effects with chemotherapy (AACR 2020)



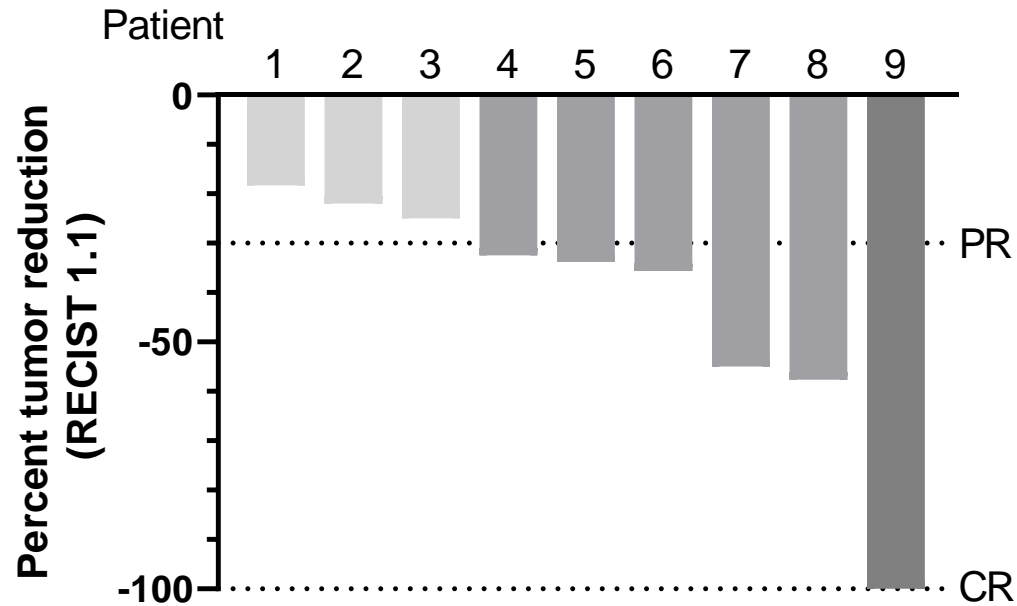
- Upregulation of both forms of IL-1 in PDX-model as response to Gem/Cis
- IL-1α (DAMP) on cancer cells trigger inflammasome activation in tumor microenvironment (e.g. IL-1β)



- CAN04 increases efficacy of Pt based chemotherapy regimes
- CAN04 counteracts weight loss after chemotherapy

SYNERGY WITH CHEMOTHERAPY IN LINE WITH CURRENT DEVELOPMENT STRATEGY

# Tumor shrinkage – NSCLC combination



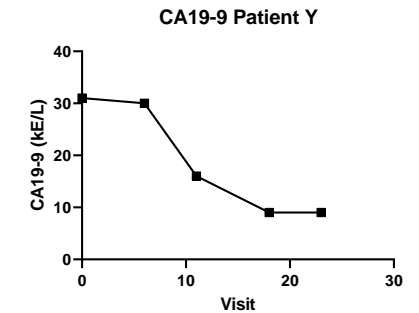
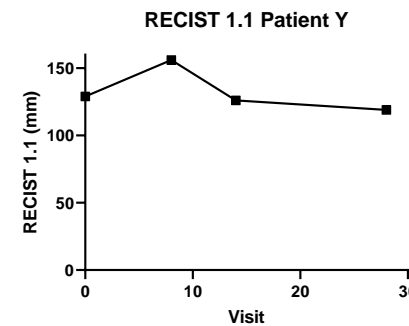
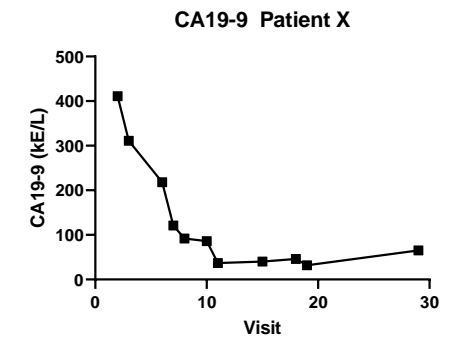
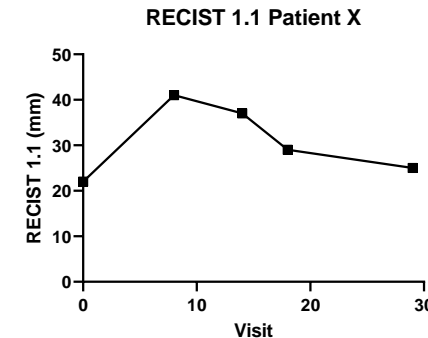
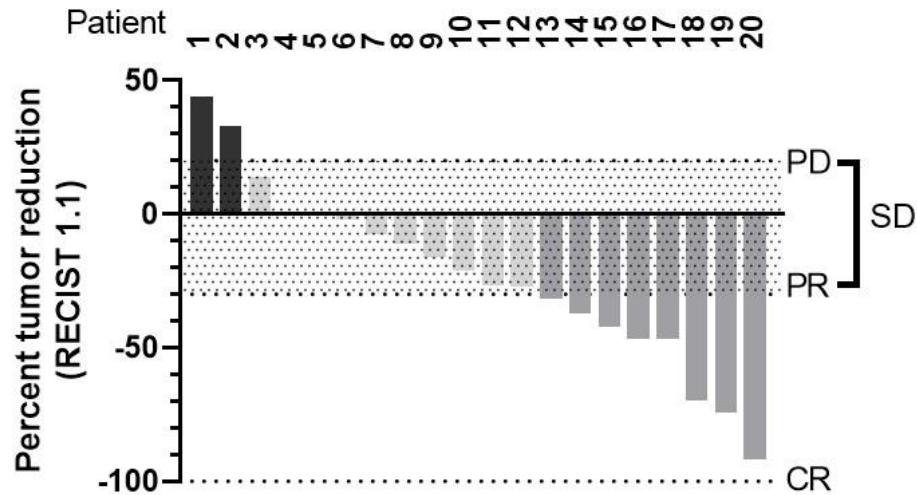
- CAN04 in combination with gem/cis in 1<sup>st</sup> line chemotherapy
- 6 of 9 evaluable patients with metastatic non-small cell lung cancer (NSCLC) showed objective response including 1 complete response (67% vs historical control data 22–28%)
- The complete response has lasted more than 1 year
- 5 patients were second line to pembrolizumab monotherapy, 4 patients first line
- No major side effects observed except those from chemotherapy or CAN04 alone. *Neutropenia frequency higher than expected from chemo (treated with dose reductions/GCSF)*



POSITIVE INTERIM DATA, RECRUITMENT CONTINUE FOR PRIMARY ANALYSIS  
BROADENING OF NSCLC DEVELOPMENT INTO ADDITIONAL MARKET SEGMENTS



# Positive interim data– pancreatic cancer



- CAN04 combination with gemcitabine/abraxane in 1<sup>st</sup> line PDAC
- 8 out of 20 evaluable patients with metastatic PDAC showed response (40% vs historical control data 23%). Two responses durable for 12 months
- No major side effects were observed apart from those expected with chemotherapy or CAN04 alone. *Neutropenia frequency higher than expected from chemo (treated with dose reductions/GCSF), fatigue and neuropathy lower than expected*

- Two patients had tumor shrinkage of 39% and 24% after initial PD. Both recorded as SD
- CA19-9 decreased by 92% and 71%. CA19-9 is a biomarker for tumor burden

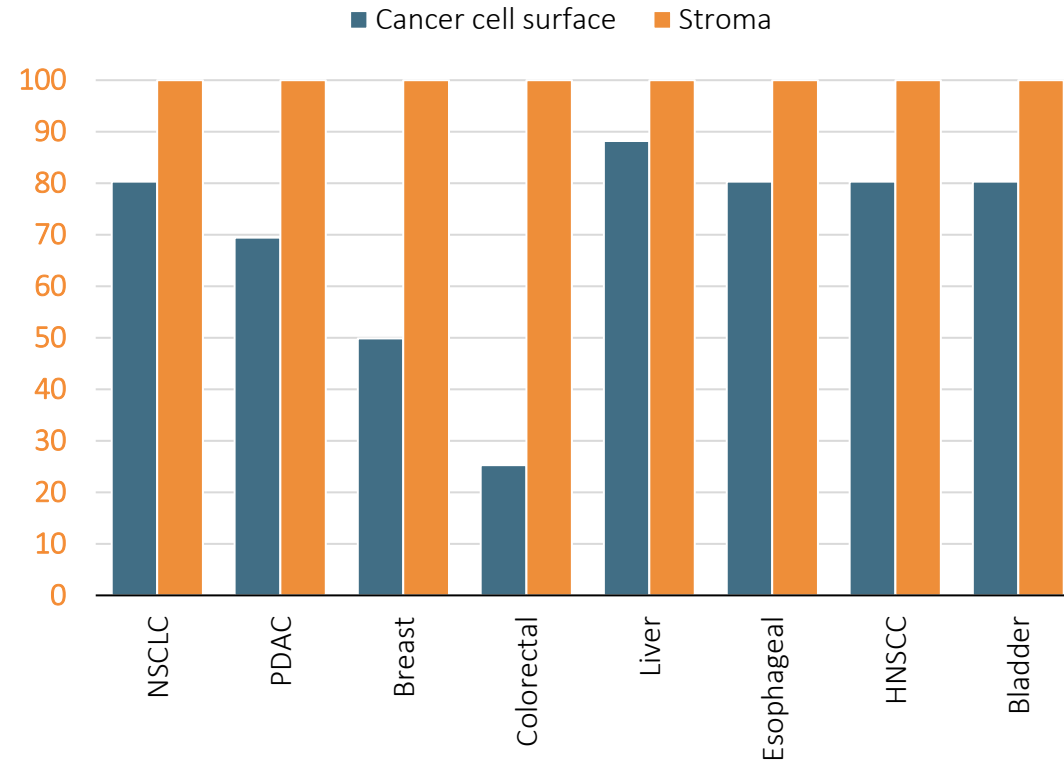
**FULLY RECRUITED -31 PATIENTS FOR PRIMARY ANALYSIS  
ONGOING EXTENSION PHASE 20-40 PATIENTS TO STUDY DOSE/RESPONSE  
PREPARATIONS FOR LATE STAGE DEVELOPMENT INITIATED**

**NOTABLE RESPONSE PROFILE DEVIATING FROM CHEMO ALONE  
SUGGEST ADDITIONAL EFFECT FROM CAN04**

# IL1RAP in several cancer with high medical need

## IL1RAP

% of patients with IL1RAP



### CANTARGIA FOUNDATION

- Discovery of IL1RAP on cancer cells
- Antibodies against IL1RAP – antitumor effects
- IP on antibody therapy against IL1RAP

### PRIMARY INDICATIONS

- Non-small cell lung cancer – NSCLC
- Pancreatic cancer – PDAC

- Biomarker studies ongoing, identify patients most likely to respond
- Opportunity to expand development in additional cancer forms with high unmet medical need

CAN04 DEVELOPMENT CAN BE EXPANDED TO ADDITIONAL INDICATIONS ONWARDS

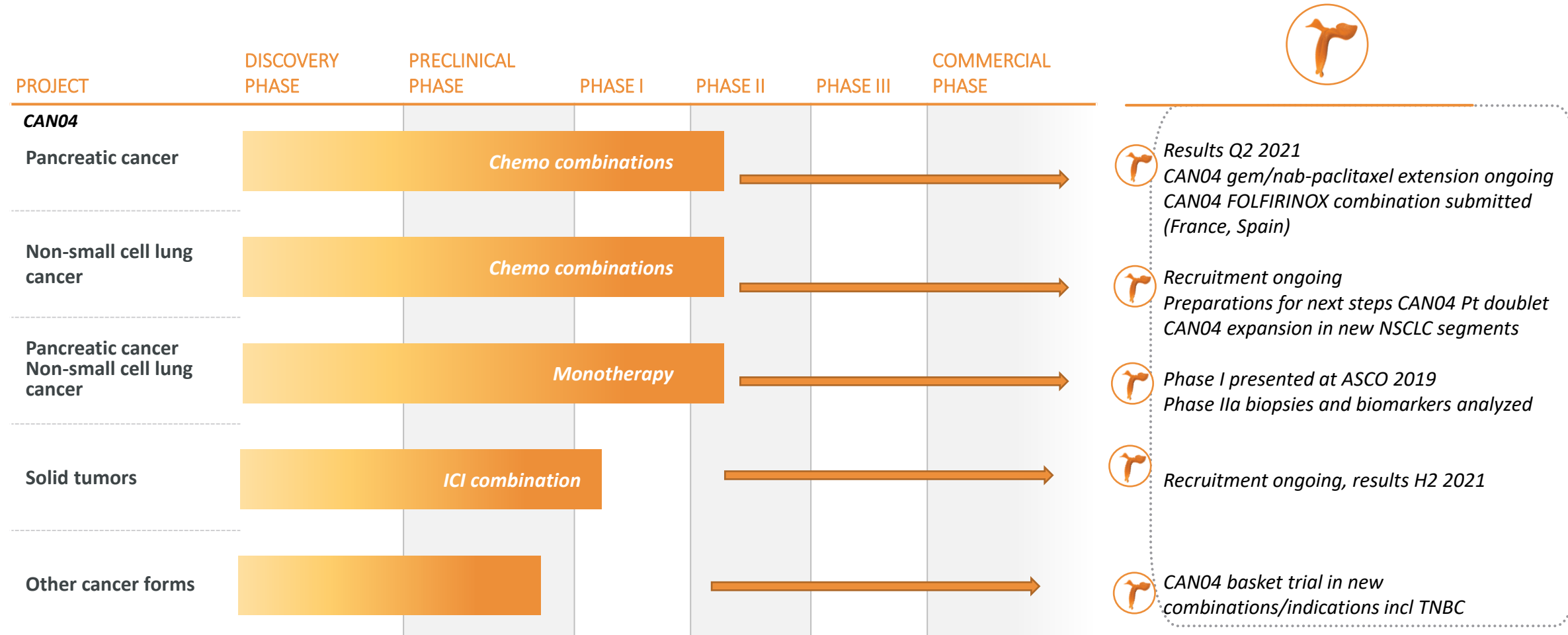
# US Phase I clinical trial

- First patient started 2020
- Combination with checkpoint inhibitor in patients no longer responding to PD1/PDL-1 therapy
- Primary endpoint safety, secondary endpoints include biomarkers and efficacy
- Indications include NSCLC, HNSCC, malignant melanoma and bladder cancer (18 patients)
- Strong US centers, Coord investigator Prof Roger Cohen, UPenn
- <https://clinicaltrials.gov/ct2/show/NCT04452214>



**TRIAL DESIGNED TO ADVANCE CAN04 OUTSIDE CHEMOTHERAPY COMBINATIONS  
IMPORTANT STEP FOR COMBINING CAN04 WITH IO AND CHEMOTHERAPY**

# CAN04— Broadening development



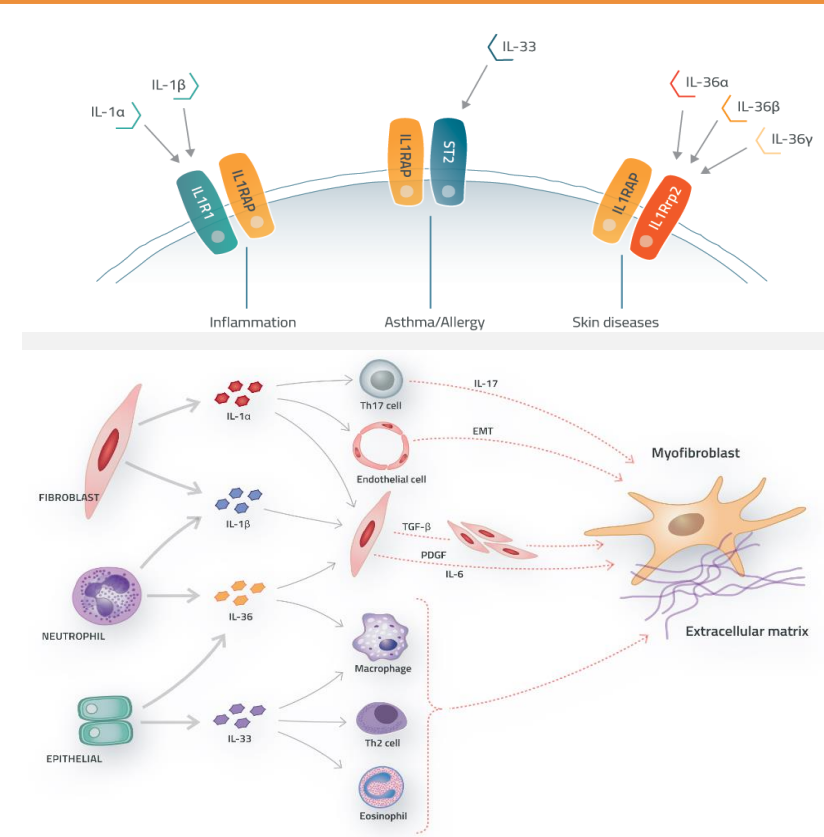
A microscopic image showing several cells with a complex, textured surface. The image is overlaid with a semi-transparent blue layer, which serves as a background for the text. The cells are primarily in the upper half of the frame, with some blurred cells visible in the lower half.

### III. UNTAPPED POSSIBILITIES IN AUTOIMMUNE DISEASES



# CAN10 – New development project

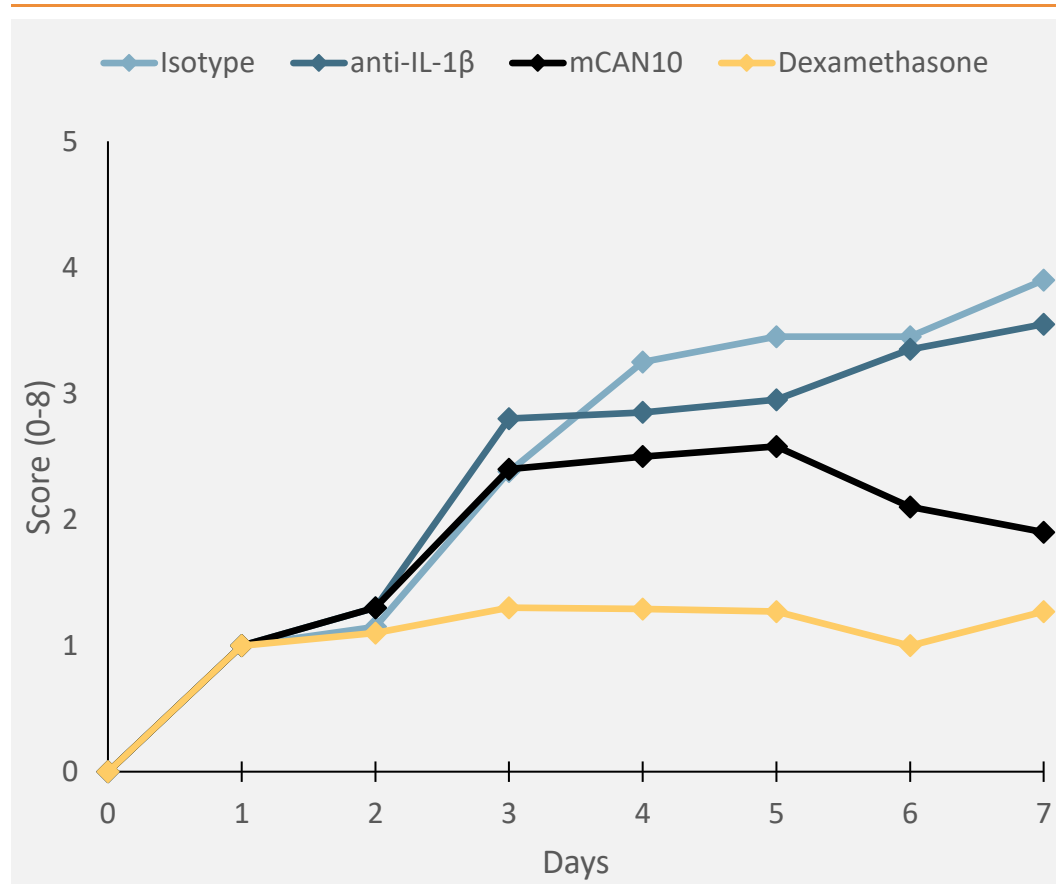
- IL1RAP binding antibody potentially blocking IL-1, IL-33 and IL-36
- Unique anti-inflammatory activity observed in different mouse models (myocarditis, psoriasis, inflammation)
- Development focusing on unmet medical need in systemic sclerosis and myocarditis. Disease selection in collaboration with experts based on scientific rational, medical need, development opportunity and competition
- Clinical trials start early 2022



UNIQUE OPPORTUNITY FOR CAN10 IDENTIFIED IN LIFE-THREATENING DISEASES

# CAN10 counteract inflammation in disease model

Total back score



- Mechanistic proof of concept for IL1RAP blockade in inflammatory driven psoriasis model
- Effect not dependent on IL-1 $\beta$  blockade
- Effects in myocarditis model to be presented at conference during Q2 2021 – CAN10 superior to IL-1 blockade.
- Well tolerated as single dose up to 50 mg/kg (tox model)

CAN10 HAS UNIQUE ANTI-INFLAMMATORY PROPERTIES

A microscopic image of cells, possibly pollen grains, with a blue overlay. The cells have a textured, spherical appearance. A semi-transparent blue horizontal band is positioned across the middle of the image, containing the text 'IV. MILESTONES AND SUMMARY'.

## IV. MILESTONES AND SUMMARY

# Cantargia has several near-term value inflection points

## Newsflow over next 6–9 months

### CAN04

- New results PDAC, NSCLC and Keytruda combination
- Next steps combination therapy PDAC and NSCLC
- Phase IIa biomarker/biopsy results
- Start new clinical trials
  - FOLFIRINOX combination PDAC
  - Basket trial NSCLC and new indications like TNBC

### CAN10

- Preclinical progress
- Development milestones



SIGNIFICANT DATA TO SECURE NEWSFLOW

# Cantargia highlights



## UNIQUE IMMUNOTHERAPY ANTIBODY CAN04 IN PHASE IIA CLINICAL DEVELOPMENT

- First in class antibody with broader MOA than competitors
- Positive interim data set and further clinical milestones during 2021



## VISION OF BECOMING AN IMPORTANT PART IN FUTURE CANCER TREATMENTS

- Combination therapy strategy based on synergies with established therapies



## PLATFORM WITH MANY POTENTIAL THERAPEUTIC AREAS

- Cancer and large number of autoimmune/inflammatory diseases



## HIGHLY RELEVANT RESEARCH WITHIN CLINICALLY VALIDATED MECHANISMS

- Focus on opportunities with major unmet medical need



## ROBUST PATENT PORTFOLIO – GRANTED IP FOR THERAPEUTIC TARGET IL1RAP AND CAN04

- Global patent families – antibody target in oncology (2032) and CAN04 (2035)



## NASDAQ STOCKHOLM'S MAIN LIST ~10,000 SHAREHOLDERS AND LONG-TERM INVESTORS

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