

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

## Safe Harbour Statement

The following presentation may include predictions, estimates or other information that might be considered forward-looking. The statements regarding the surrounding world and future circumstances in this presentation reflect Cantargia's current thinking with respect to future events and financial performance. Prospective statements only express the assessments and assumptions the company makes at the time of the presentation. These statements are wellconsidered, but the audience should note that, as with all prospective assessments, they are associated with risks and uncertainties.



## CAN04 phase I clinical data at ESMO

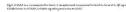
1172P

### A first-in-class, first-in-human phase I/IIa trial of CAN04, targeting Interleukin-1 Receptor Accessory Protein (IL1RAP), in patients with solid tumors

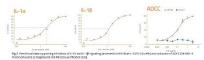
### BACKGROUND

Intermediate has been activated and important part of the development of temporary interviewing. Bits a major distance information of the state signaling is involved in cancer programsking. The releases of targeting 11: has recently been highlighted by an exploratory analysis of the CANOS study where particles transit with inclusions in the highlighted by an exploratory inclusion of lang cancer (INI CAS), positional and and cancer specific monitoring from CAS, positional is interviewed inclusions of lang cancer (INI CAS), positional and and cancer specific monitoring from CAS, positional and expressed in any cancer (INI CAS), positional and the state of the state of the state of the state of the state expressed in any cancer (INI CAS), positional and the state of the state of the state of the state (INI CAS) and the state of the state (INI CAS) and the state of the state (INI CAS) and the state of the

chemotherapy<sup>3-10</sup>. CAND4 is a fully humanized antibody directed against LIMAP that in preclinical models potently inhibits II. Ita and IL-19 and also triggers antibody dependent cytotoxicity (ADCC) (Fig 2). The current ungoing CANDCOB phase (/la attudy (NCCOTAR2116) is designed to assess safety/tolerability of CANDA.



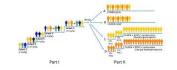
IL-10) IL-18)



### METHODS

The pinnary objective was to assess stabley (CTGAT 4403) and tolerability of weekly administration of CAMO4 in order to define the Maximum objective Disophicomonol (Final 4403) and tolerability of administration of the hill part of the trial using a 3-3 doe exclusion design. Key objective constraints (CIG) career were included in the hill part of the trial using a 3-3 doe exclusion design. Key objective constraints (CIG) career were included in the hill part of the trial using a 3-3 doe exclusion design. Key objective constraints (CIG) career were included in the hill part of the trial using a planmacheric treadmin design. Key objective constraints of the treadmine of the treatmine of the transformed on taking (e. 1). Exclusions and the scenario of the transformed on taking (e. 1). Exclusions of the transformed on taking (e. 1). Exclusions and the scenario of the transformed on taking (e. 1). Exclusions and the scenario of the transformed on taking (e. 1). Exclusions and the scenario of the transformed on taking (e. 1). Exclusions and the transformed on the scenario of the transformed on the transformed on the scenario of the transformed on the scenario of the transformed on taking (e. 1). Exclusions and the scenario of the transformed on the scenario of the transformed on the scenario of the scenario of the transformed on the scenario of the scenario

### Study design



### **Patient population**

Key industance mene: 4 apr. 1 Brown: 4 apr. 2 Brown: (MI) years the increastance to lemman related Response Cation's (MC) by compared tamography (C1) or magnetic resource (MI) years a mener than 6 models prior to according, relations therapy, immunotherapy, or suppress, at least 6 weeks for thrange with least 4 models are than the close of the commoding, relations therapy, immunotherapy, or suppress, at least 6 weeks for thrange intervents have delayed basising, relation 4 weeks since resource with biological parameters that and any of the second according to therapy of the second according to the second solid parameters intervents (NGL) (PMC, CC, CC MICs tumes, relapsed or reflectory to therapy of the second solid parameters in the second solid parameters intervents (NGL) (PMC, CC, CC MICs tumes, relapsed or reflectory to the second solid parameters in the second solid parameters intervents (NGL) (PMC, CC, CC MICs tumes, relapsed or reflectory to the second solid parameters in the second solid parameters intervents (NGL) (PMC, CC, CC MICs tumes, relapsed or reflectory to the second solid parameters in the second solid parameters intervents (NGL) (PMC, CC, CC MICs tumes, relapsed or reflectory to the second solid parameters in the second solid parameters intervents (NGL) (PMC, CC, CC MICs tumes, relapsed or reflectory to the second solid parameters in the second solid parameters intervents (NGL) (PMC, CC, CC MICs tumes, relapsed or reflectory to the second solid parameters in the second solid parameters intervents (NGL) (PMC, CC, CC, MICs tumes, relapsed or reflectory to the second solid parameters in the second solid parameters

#### Histologically or cytologically confirmed, locally advanced, metastatic NSCLC, POAC, CRC or TNBC turner, relapsed or refractory t therapy or for which there is no standard therapy. CRC and LNBC are not allowed in second part of the trial.

Key exclusion criteria: Subjects receiving any other investigational agents during or just prior to (within 28 days of first study drug administration) participation in this study.

In a Murp Clinical eleidence of an active second malignancy. Subjects with a life expectancy of 2 works. Uncontrolled or significant cardioxiscular elisese defined as New York Heart Association Classification III, or IV Internanceumparticles dubject currently receiving systemic througy. Other medical coolidons that in the option of the threatistated disquality the subject for inclusion.

### RESULTS

### Patient population

Key characteristics of the patient population are summarized in Table 1. Sisteen subjects were enrolled and there were 9 screen failures across the four initial cohorts (1-6 mg/kg). Patients were heavily pre-treated with a mean of 3.9 prior lines of therapy (range 1-11).



Safety

CANDA has generally been well tolerand (Table 2 and 3). The nost common AE well followed to the following matching of the tolerand to the followed and second events, by well without the infoldom random is the followed and enviroling whill be tolerand. The followed to t

### able 2: Safety summary

 Summerica
 1.5 mg/bg
 1.5 mg/bg
 1.6 mg/bg
 <th1.6 mg/bg</th>
 <th1.6 mg/bg</th>
 <th1

### Biomarkers

An extensive biomarker analysis will be performed at the end of the study, interim analysis of a select set of parameters of relevance in serum showed a decrease versus baseline in IL-6 in 11 of 34 patients with a strong trend (o-UD6) and a decrease in (RP in 3 of 11 patients (p-UD1), after two dreves of CAND4, consistent with the CAND4 mode of a action and supporting transf mergement.

### Clinical efficacy data

Of the patients that had received at least one (1) dose of CANDA, 13 patients had available pre- and porst-treatment assessment by imaging at the time of data cut off (Cot 3%, Fire (3) patients [280] had table disease (50) by irKt Cat 8 weeks follow up: NSCLC (1), CRC (3), and PDAC (1). Eight (8) audions had argueresched dassare (PD). One natient with MSCL Chat S3 of a menth.

#### Pharmacokinetics

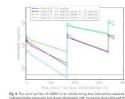


Fig. 3. The sense positive of CAMM for an initial priming these followed by repeated does administrations inflatonts higher requestions and absore eliminations with increasing doese advised to transition of eco net yet allow for any reliable calculation of PK parameters.

### CONCLUSIONS

CAND4 has generally been well tolerated, the most rommon treatment related AT is an infusion related reaction during the
first infusion and resolving within a few hours, a side effect often observed with arbiboly therapy.
 mg/kg is side and tolerable. MID has not been reached and the study is now enrolling patients in cohort 5 at 10 mg/kg.

Biomarker results support target engagement already after 2 doses of CAN04.
 In a heavily mechanism factor from the second seco

 In a heavily pre-treated patient population, 5 of 13 patients (38%) that had received at least 1 dose of CAN04 had SD by inRC at 8 weeks follow up, One patient with NSCC had SD for 6 months.
 Ih en exit step after the received memoried plane in dose has been atabilished will be to evaluate CAN04 in a dose expansion

 The maximum international place in our notice no server examined on the to examine concern a more expansion place as a monotherapy as well as in combination with standard of care therapy in the target indications NSCLC (1<sup>st</sup> and 2<sup>st</sup> line) and PDAC (1<sup>st</sup> line) in separate treatment arms

### References 1. Hanshan Diet al. Cell 2011 2. Notea Miet al. Nat Immunol 3. Rider P et al. Lencet Could 4. Ware st al. Course Res 2023

Weigt C et al. Proc Natl Ac

ura at al. Mcl Res 20

Acknowledgements On behalf of the study team, the authors thank the patients and



## • CAN04 has generally been well tolerated

- 6 mg/kg is safe
- Biomarker results (IL-6 and CRP) supportive
- In a heavily pre-treated patient population, 5 of 13 patients (38%) had SD. One patient with NSCLC had SD for 6 months.

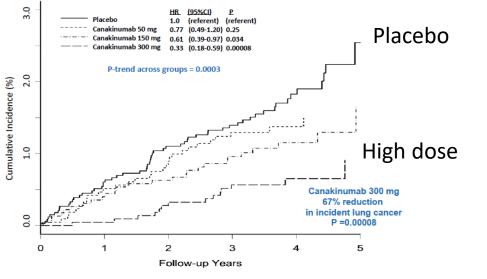


## IL-1 blockade in cancer- Recent supportive clinical data

## **CANTOS trial**

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





- Clinical validation of IL-1 pathway
- Cantargia's CAN04 has broader MOA

## **Canakinumab phase 3 trials**

### **Adjuvant NSCLC**

After surgery, no mets, placebo control 1500 patients, recruitment ongoing Completion 2021/22

### First line (CANOPY-1)

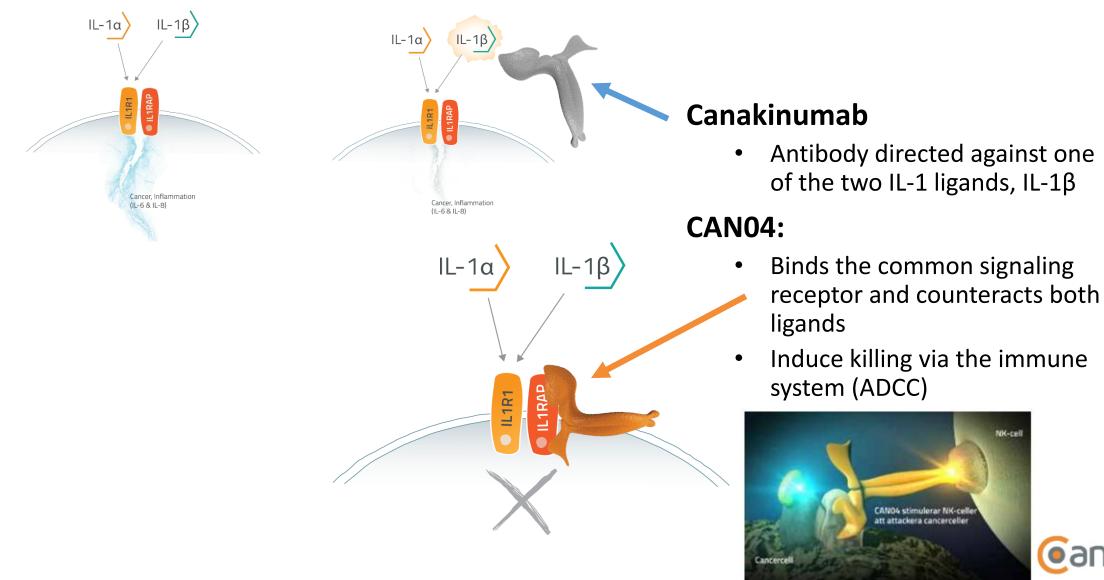
Untreated locally advanced/metastatic Combination Pembro/Platinum doublet 627 patients, start Dec 2018 Completion 2021/22

### Second line metastatic (CANOPY-2)

Previously treated loc adv/metastatic Combination Docetaxel 240 patients, start Dec 2018 Completion 2021



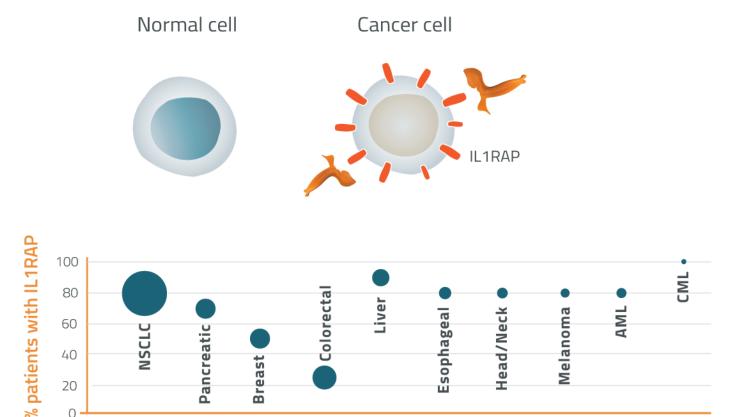
## CANO4 (nidanilimab) vs Canakinumab



NK-cel

🧕 💽 🧿

# Medical need and IL1RAP



- Cantargia founded based on:
  - Discovery of IL1RAP on cancer cells
  - Antibodies against IL1RAP antitumor effects
  - Patents on antibody therapy against IL1RAP
- Primary indications. NSCLC and pancreatic cancer
- Biomarker studies ongoing, identify patients most likely to respond
- Opportunity to expand development in additional cancer forms

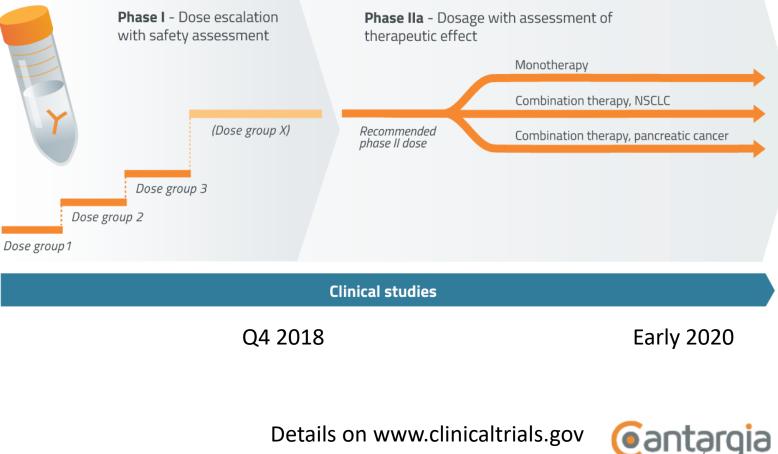




# CAN04 – CANFOUR clinical trial

Phase I/IIa trial - NSCLC and pancreatic cancer

- Norway, Denmark, Netherlands and Belgium
- Well renowned centres (Jules Bordet, Brussels; Erasmus Rotterdam, NKI, Amsterdam; Rigshospitalet, Copenhagen; Radiumhospitalet, Oslo)
- 16 patients treated, good safety
  - NSCLC, pancreatic cancer, colon cancer, triple negative breast cancer
- Phase IIa: focused on NSCLC and pancreatic cancer (appr 20 centres)
  - Monotherapy
  - Combination with standard therapy
    - NSCLC Cisplatin/Gemcitabine •
    - Pancreatic cancer Gemcitabine/nab-٠ paclitaxel



Details on www.clinicaltrials.gov

# Cantargia at a glance

- Specialized in antibody therapy/immunology, with initial focus on oncology
- Granted IP therapeutic target IL1RAP and drug candidate
- Lead antibody CAN04 (nidanilimab) in clinical development
- Strong management team with proven track record in clinical development and business development
- Listed on Nasdaq Stockholm
- Approximately 5000 shareholders
- Based in Lund, Sweden

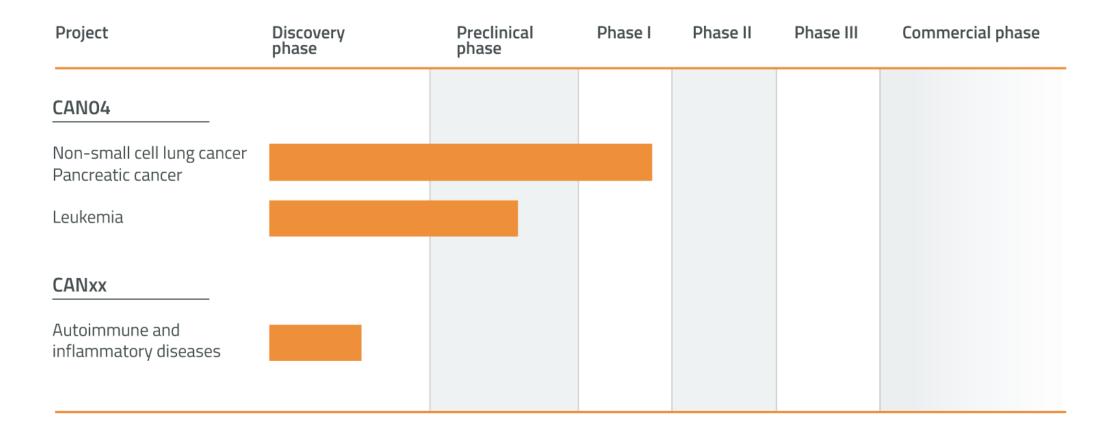
## **Financial highlights**

- Share price: 15.10 SEK (1.68 USD), Nov 19, 2018
- Market cap: 999 MSEK (111 MUSD), Nov 19, 2018
- Cash: 191 MSEK (20.9 MUSD), Sep 30 2018

Current owners (Sep 30, 2018)

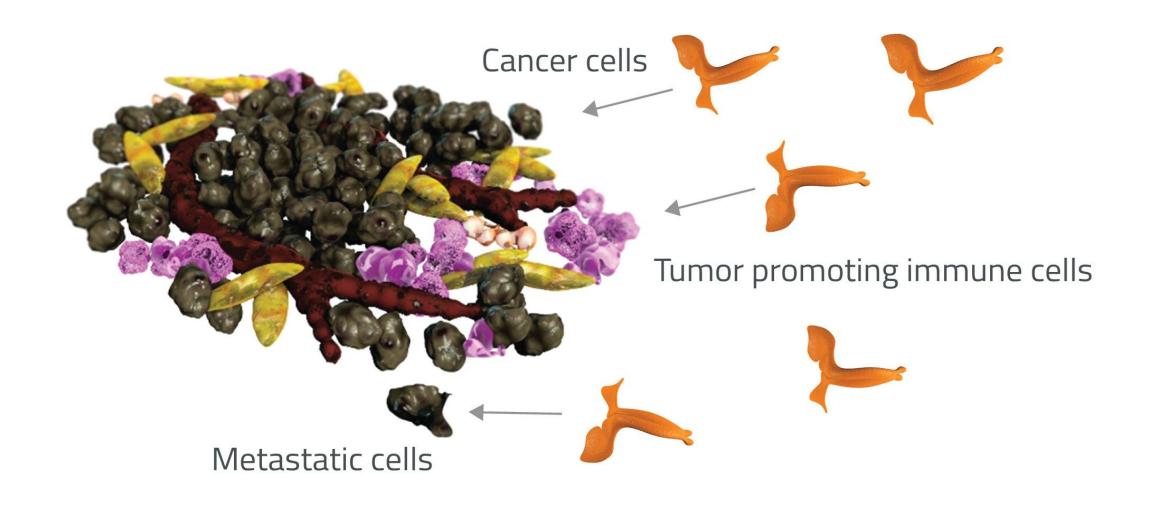
Sunstone	9.0%
1st AP fund	6.9%
Avanza Pension	5.2%
4th AP fund	4.6%
2nd AP fund	3.3%
Öhman Bank S.A.	3.3%
SEB S.A. clients	3.2%
Mats Invest AB	2.0%
Tibia konsult	1.9%
Kudu AB	1.9 %
Others	58.6%

# Cantargia pipeline





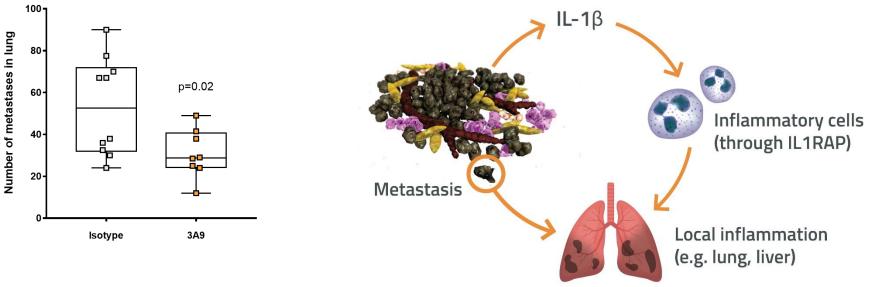
## CAN04 attacks several cell types in the tumor



# Inflammation and metastasis

- Cancer cells (seeds) needs a good soil to form a metastasis
- The IL-1 system (inflammation) can provide such environment (soil)

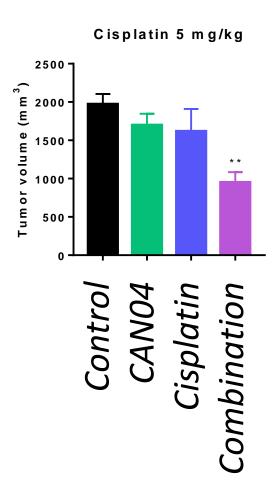




A tumor can create its own "seed and soil"



# NSCLC CAN04/Cisplatin combination



	Control	CAN04	Cisplatin	Combination
Animals withdrawn	20 % (Tumor)	0 %	50 % (Toxicity)	20 % (Toxicity)
Tumor reduction	N/A	14%	18%	52 %
Comment	Highest tumor burden	Best safety	Highest toxicity	Superior efficacy and reduced toxicity

**Combination CAN04/Cisplatin superior to individual agents** 

- Reduction in severe toxicity
- Increased efficacy



# Significant value inflection points ahead

## 2018

- Preclinical data (immuno-oncology effects, combinations etc)
- Phase I clinical data final dose level (Q4 2018)
- Initiation of Phase IIa portion of the clinical trial (Q4 2018)
- US regulatory and clinical strategy

## 2019/2020

- Clinical progress and Phase IIa results
- Preclinical progress
- CANxx progress



## Cantargia summary

- Lead candidate antibody CAN04 in clinical trials against cancer
  - Encouraging interim phase I data
  - Double mechanism of action
  - Initial development in NSCLC and pancreatic cancer (cancer forms with poor prognosis)
  - Recent external validation of pathway
- Second generation antibodies for autoimmune disease
- Unique and strong IP
- Strong lead investors with high competence and well known track record
  - Funding through phase IIa until mid 2020.

