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Highlights and Financials

- 2. Collaborations
- 3. Mesothelioma
- 4. Ovarian and Colorectal



TARGOVAX AT A GLANCE

Immune activators

> Strong medical need for **immune activators** like oncolytic viruses to enhance efficacy of checkpoint inhibitors

Leader in the field

- ➤ ONCOS-102 is one of the most promising oncolytic viruses with >200 patients treated
- > Encouraging clinical and immune data enabling a path to market in mesothelioma

Exciting pipeline

- > Innovative uses of ONCOS backbone as **vector** for delivering transgenes and novel payloads
- > Program to fight mutRAS cancers through novel oncolytic and vaccination concepts

Rich News Flow

> Ongoing combination trials ensure several near-term value inflection points

Robust Team

targovax

- > Seasoned management team with a track record of success
- > Listed on the Oslo Stock exchange with a market cap of approx. USD 55 million



PIPELINE WITH RICH NEAR-TERM NEWS FLOW

Product candidate	Preclinical	Phase I	Phase II	Collaborator	Next expected event
	Mesothelioma Combination w/ pemetrexed	/cisplatin	MERCK	2H 2020 Updated survival data	
ONCOS 103	Melanoma Combination w/Keytruda				2H 2020 Clinical and immune activation data
ONCOS-102	Ovarian and colorectal Combination w/Imfinzi			AstraZeneca CANCER RESEARCH INSTITUTE	Update by collaborator
	Prostate Combination w/DCvac			Sotio	Update by collaborator
ONCOS-200 series	Next Gen viruses			leidos	Updates at conferences
Novel mutRAS concepts				VALO THERAPEUTICS OBLIQUE THERAPEUTICS	



HIGHLIGHTS OF THE QUARTER

Data

- Mesothelioma: Encouraging data in trial combining ONCOS-102 and chemotherapy
- Ovarian and colorectal cancers: Interim Phase 1 data at ASCO
- ONCOS-200 series: Pre-clinical next generation ONCOS data at AACR

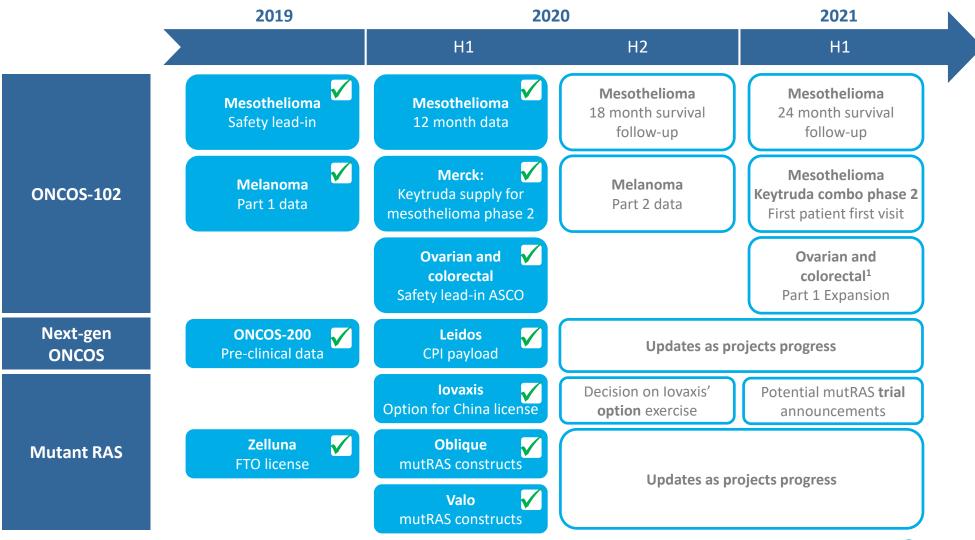
Corporate

- Damian Marron elected Chairman of the Board
- Dr Victor Levitsky, MD, PhD appointed CSO

New collaborations

- Merck: to test ONCOS-102 in combination with Keytruda in mesothelioma
- Leidos: to add CPI functionality to ONCOS
- Valo Therapeutics: to develop mutant RAS neoantigen coating of ONCOS viruses using Valo's PeptiCRAd technology
- **Oblique**: to target mut RAS cancers by combining platforms

STRONG EXECUTION THE LAST YEAR WITH FURTHER VALUE INFLECTION POINTS UPCOMING





SUFFICIENTLY FUNDED TO ADVANCE CLINICAL PROGRAM BEYOND VALUE INFLECTION POINTS

The company

Cash end of 2Q

101 / 11

NOK million

USD million

Net cash flow - total 2Q

-34 / 4

NOK million

USD million

Market cap

510 / 57

NOK million

USD million

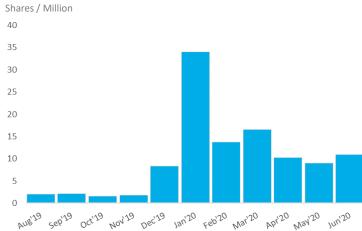
Analyst coverage

DNB, H.C. Wainwright, Arctic, ABG Sundal Collier, Edison

Share liquidity

135% of shares traded in 6 month

Daily average share turnover per month



6-month average daily value traded

5.7 / 0.6

NOK million USD million



CONTINUED COST CONTROL IN 2Q20

NOK m	1Q19	2Q19	3Q19	4Q19	1Q20	2Q20
Total revenue	0	0	0	2	0	0
External R&D expenses	-19	-22	-14	-25	-13	-14
Payroll and related expenses	-14	-18	-8	-11	-11	-11
Other operating expenses	-7	-5	-5	-5	-5	-5
Total operating expenses	-40	-45	-27	-42	-30	-30
Operating loss	-40	-45	-27	-39	-29	-30
Financial income	2	0	1	1	4	-2
Financial expenses	-0	-1	-0	-0	-0	-2
Net financial items	-1	-1	0	5	3	-4
Loss before income tax	-41	-46	-26	-35	-26	-33
Net change in cash	-46	30	-31	-34	65	-34
Net cash EOP	105	135	104	70	135	101





Collaborations

- 3. Mesothelioma
- 4. Ovarian and Colorectal



GROWING NEED FOR IMMUNE ACTIVATORS

Checkpoint inhibitors are revolutionizing cancer therapy...

...but minority of patients respond...

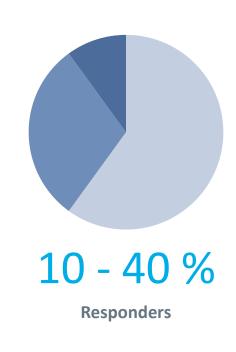
...leading to a high need for immune activators to boost checkpoint response rates

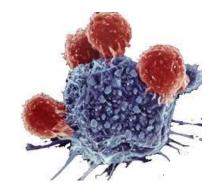
22 bn USD

Global CPI market¹

44 %

Patients eligible for CPI²:









ONCOS-102 MODE OF ACTION MAKES IT AN IDEAL

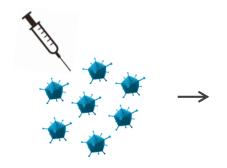
COMBINATION PARTNER FOR CHECKPOINT INHIBITORS

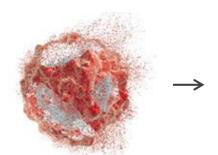
Virus injection

Immune activation

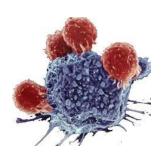
T-cell priming

Anti-tumor immunity









- Intra-tumoral or intraperitoneal injection
- Tumor cell infection
- Oncolysis of tumor cells
- Inflammatory response by TLR-9 and other pathways
- Tumor antigen release
- Antigen processing stimulated by GM-CSF
- T-cell activation in lymph nodes

- T-cell tumor infiltration
- Tumor cell killing
- Synergy with checkpoint inhibitors

SEVERAL NEW PARTNERSHIPS INITIATED IN 1H 2020

	Type of partnership	Description			
MERCK	Clinical trial collaboration	Keytruda® supply and scientific support for mesothelioma phase 2 ONCOS-102 trial			
IOVAXIS THERAPEUTICS Fighting Cancer with Your Own Weapons	Regional license option	Option to license TG01/TG02 mutRAS vaccine for Greater China and Singapore			
leidos	Pre-clinical R&D collaboration	Develop novel ONCOS viruses expressing Leidos' Microtide™ checkpoint peptides			
VALO THERAPEUTICS	Pre-clinical R&D collaboration	Combine ONCOS and mutRAS peptides using Valo's PeptiCRAd technology			
OBLIQUE THERAPEUTICS	Pre-clinical R&D collaboration	Develop novel ONCOS viruses encoding Oblique's AbiProt™ mutRAS antibodies			

LEIDOS COLLABORATION PROVIDES OPPORTUNITY TO BUILD CHECKPOINT FUNCTIONALITY INTO ONCOS



CEO: Roger Krone **HQ:** Reston, Virginia, USA

Founded: 1969 Business areas: Technology and engineering company

within defense, aviation, IT and biomedical research



- EXplorations in GLObal Health
- Subdivision of Leidos dedicated to the application of immunotherapy in cancer and infectious disease

Next steps

- Design novel ONCOS-Microtide viruses
- Assess technical performance and preclinical efficacy of novel viruses

Area of collaboration

- Leidos ExGloH has developed a unique class of novel checkpoint inhibitors – Microtide™
- Build the Microtide checkpoint functionality into ONCOS, omitting need for combination treatment

Terms

- Targovax to construct and validate novel
 ONCOS-Microtide constructs
- Leidos to test functionality of Microtide in ONCOS constructs
- Joint cost and ownership model





Mesothelioma

4. Ovarian and Colorectal



HIGH NEED FOR NEW TREATMENT APPROACHES

IN MALIGNANT PLEURAL MESOTHELIOMA



Surgery

Only 10% of patients suitable for resection

Often diagnosed too late for surgery

Technically challenging

Radiotherapy

Rarely effective due to tumor shape

Hard to focus radiation

Mainly

palliative care





Chemotherapy

Standard of care (SoC) with limited efficacy

Only approved option is pemetrexed/cisplatin

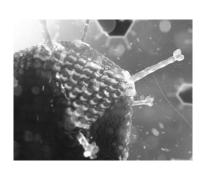
6 months mPFS and 12 months mOS in 1st line

Immunotherapy

Mixed signals from early CPI trials

CPIs included in NCCN guidelines as 2nd line option

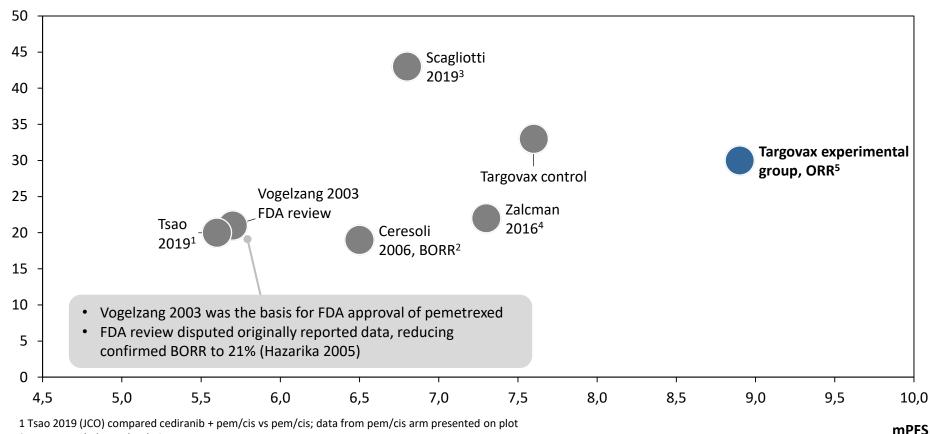
Possible frontline therapy with orphan drug designation





FIRST LINE ORR AND PFS DATA COMPARE FAVORABLY TO HISTORICAL CONTROL

ORR / BORR



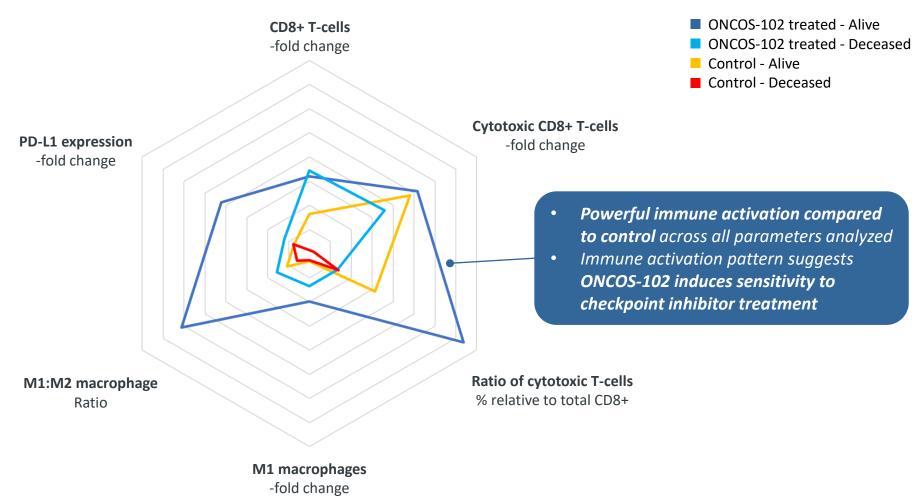
2 Pemetrexed plus carboplatin

³ Scagliotti 2019 (Lancet) compared nintedanib + pem/cis vs pem/cis; data from pem/cis arm presented on plot

⁴ Zalcman 2016 (Lancet) compared bevacizumab + pem/cis vs pem/cis; data from pem/cis arm presented on plot. Not specified if ORR or BORR.

⁵ mPFS may change: Experimental group 11 patients (3 censored)

A BROAD AND POWERFUL IMMUNE ACTIVATION PATTERN CONFIRMS ONCOS-102 MODE OF ACTION



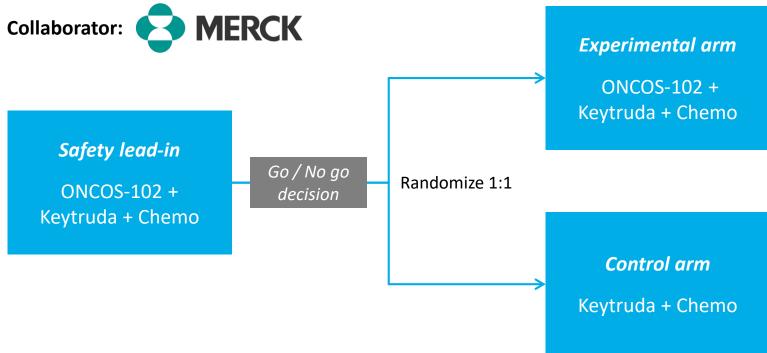


NEXT TRIAL: TRIPLE COMBINATION OF ONCOS-102, KEYTRUDA AND CHEMO IN FIRST LINE MESOTHELIOMA

Study population: First line, unresectable, advanced and/or metastatic disease

Primary endpoint: median PFS

Size: Approx. 100 patients **Geography:** the US and EU





Ovarian and Colorectal



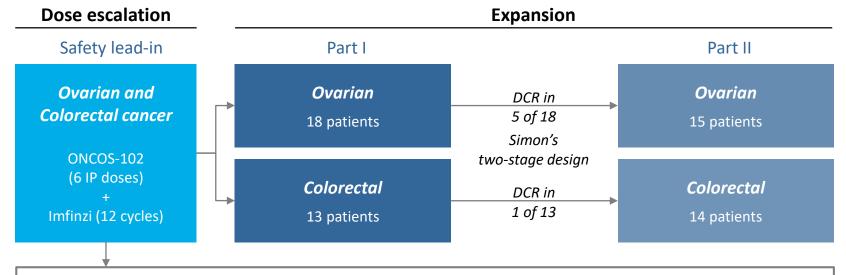
STRONG COLLABORATION IN OVARIAN AND COLORECTAL CANCERS WITH

PHASE I/II TRIAL COMBINING ONCOS-102 AND IMFINZI



Patient population

- Primary ovarian or colorectal cancer with peritoneal metastases
- Refractory to standard-of-care platinum chemotherapy
- Intraperitoneal admin of ONCOS-102

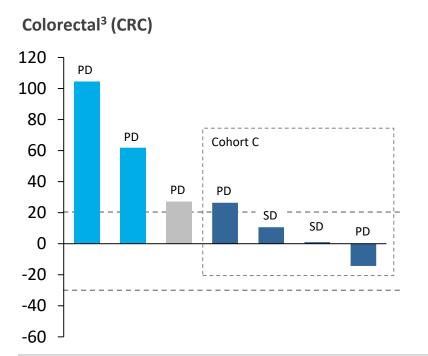


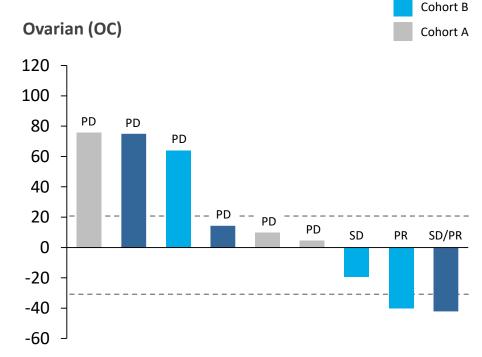
ASCO 2020: Dose Escalation part presented showing clinical activity as well as immune activation, and acceptable safety profile with no DLTs observed

TUMOR CHANGE AND RESPONSES IN SAFETY LEAD-IN

CPI MONOTHERAPY HAS SHOWN RESPONSES < 10%1







Dosing

Cohort A – Low dose ONCOS-102 then Imfinzi

Cohort B – Low dose ONCOS-102 + Imfinzi

Cohort C – Standard dose ONCOS-102 + Imfinzi

Disease control rate (best response)

CRC: 0/2 OC: 0/2

CRC: 0/2 OC: 2/3

CRC: 2/5 OC: 1/3

² Tumor change is based on the patient's best overall response or first indication of progression (if PD was the best response). % change = [(Sum of diameters at best response or first indication of PD - Sum of diameters at baseline) ÷ sum of diameters at baseline] X 100





Cohort C

¹ Gonzales-Martin, Cancer 2019; W Hammond, Ther Adv Med Oncol 2016; Le et al, Keynote-016

ACTIVATING THE IMMUNE SYSTEM TO FIGHT CANCER

CLINICALLY PROVEN

One of the furthest developed unencumbered oncolytic viruses

Strong immune activation data associated with encouraging clinical data

STRONG BACKING

Platform endorsement through pharma and biotech collaborations

Seasoned team with both experience and entrepreneurial drive

VALUE TRIGGERS

Ongoing combination trials ensuring rich news flow of clinical data

Pipeline of innovative preclinical ONCOS viruses