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This report contains certain forward-looking statements based on uncertainty, since they relate to events and depend on circumstances that will occur in future and which, by their nature, will have an impact on the results of operations and the financial condition of Targovax. Such forward-looking statements reflect the current views of Targovax and are based on the information currently available to the company. Targovax cannot give any assurance as to the correctness of such statements.

There are a number of factors that could cause actual results and developments to differ materially from those expressed or implied in these forward-looking statements. These factors include, among other things, risks or uncertainties associated with the success of future clinical trials; risks relating to personal injury or death in connection with clinical trials or following commercialization of the company's products, and liability in connection therewith; risks relating to the company's freedom to operate (competitors patents) in respect of the products it develops; risks of non-approval of patents not yet granted and the company's ability to adequately protect its intellectual property and know-how; risks relating to obtaining regulatory approval and other regulatory risks relating to the development and future commercialization of the company's products; risks that research and development will not yield new products that achieve commercial success; risks relating to the company's ability to successfully commercialize and gain market acceptance for Targovax' products; risks relating to the future development of the pricing environment and/or regulations for pharmaceutical products; risks relating to the company's ability to secure additional financing in the future, which may not be available on favorable terms or at all; risks relating to currency fluctuations; risks relating to the company's ability to retain key personnel; and risks relating to the impact of competition.



# THE IMMUNO-ONCOLOGY REVOLUTION

- > 500,000 patients treated per year
- > 3,000 ongoing clinical trials
- > 40% of US cancer patients eligible
- > 10 approved products





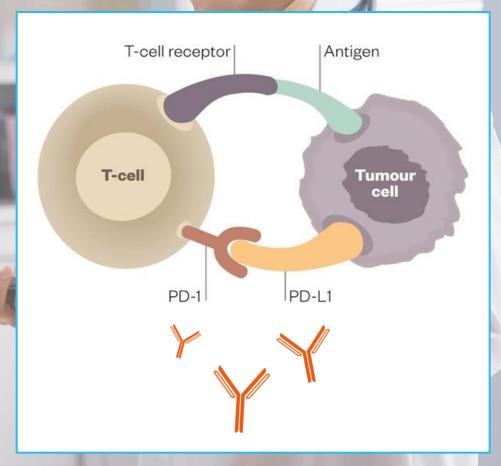
# FIRST GENERATION IMMUNO-ONCOLOGY: CHECKPOINT INHIBITORS

Cornerstone of current cancer treatment

Deep and durable responses

\$25b annual sales globally

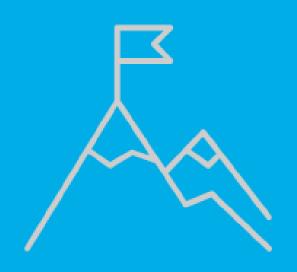
8 products approved to date, many more in development





#### THE CHALLENGE:

# MAKE PD1 CHECKPOINT INHIBITORS WORK FOR MORE PATIENTS



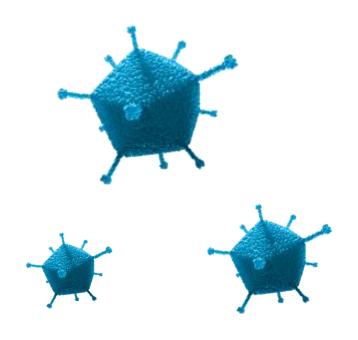
**0-40%** of treated patients respond

>50% of responding patients relapse

1 PD1 checkpoint inhibitor monotherapy not sufficient



## THE SOLUTION: ONCOS-102 IMMUNE ACTIVATION



Unblinds the tumor to the immune system

Activates the body's own T-cells against the cancer

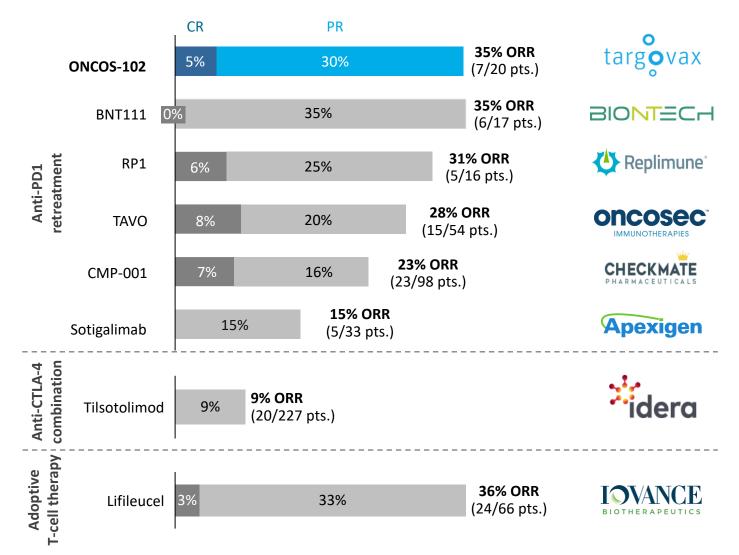
Reverses immunosuppressive defence mechanisms in the tumor

### CLINICAL AND PRECLINICAL PIPELINE

Product candidate	Preclinical	Phase 1	Phase 2	Phase 3	Next expected event
	PD1 Refractory Melanoma Platform IO combination tria	ıl			<b>2022</b> First patient
ONCOS-102	Mesothelioma Combination w/pemetrexed,	/cisplatin		<b>2H 2021</b> Survival update	
	Metastatic Colorectal cancer Combination w/anti PDL1	r			<b>1H 2022</b> Clinical data
NextGen ONCOS vectors					Preclinical data and selection of candidates
mutRAS immunotherapy		 			Preclinical data and initiate clinical study

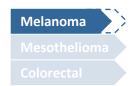


### ONCOS-102 HAS DEMONSTRATED CLASS-LEADING EFFICACY IN PD1 REFRACTORY MELANOMA





Targovax market analysis, November 2021.
 1 Assuming 454 evaluable patients at 1:1 ratio per Company Presentation



### CASE EXAMPLE: PATIENT WITH COMPLETE RESPONSE

#### **Tumor response**, 1 of 1 injected lesion

Baseline

Week 3

Week 9

Week 18

Week 27 (EoS)



Progression on pembrolizumab



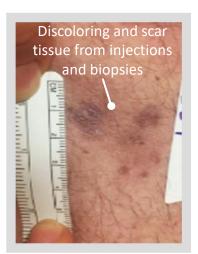
3x ONCOS-102 only (no pembrolizumab)



3x ONCOS-102 & 2x pembrolizumab

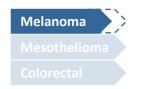


3x ONCOS-102 & 5x pembrolizumab

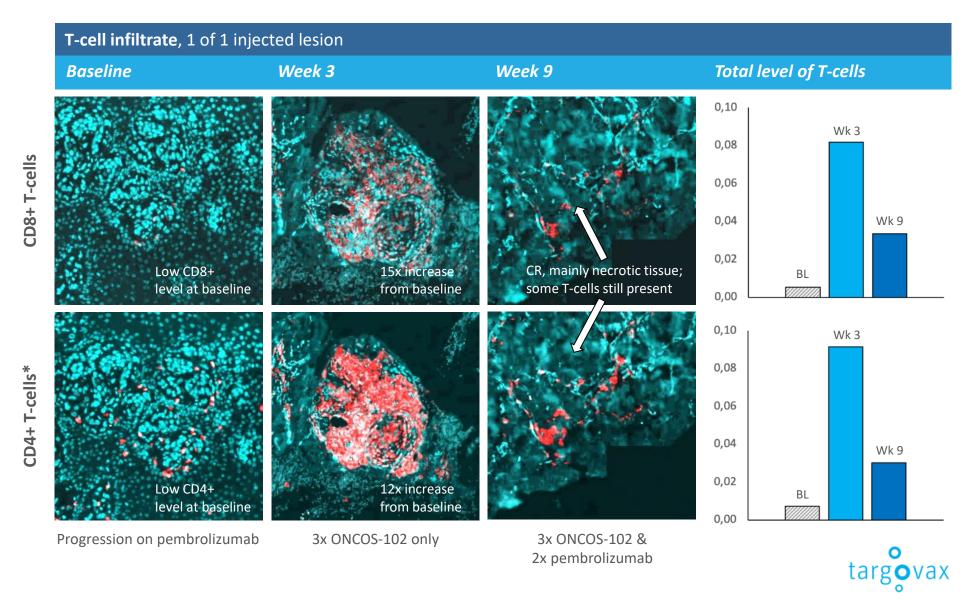


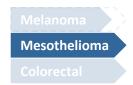
3x ONCOS-102 & 8x pembrolizumab



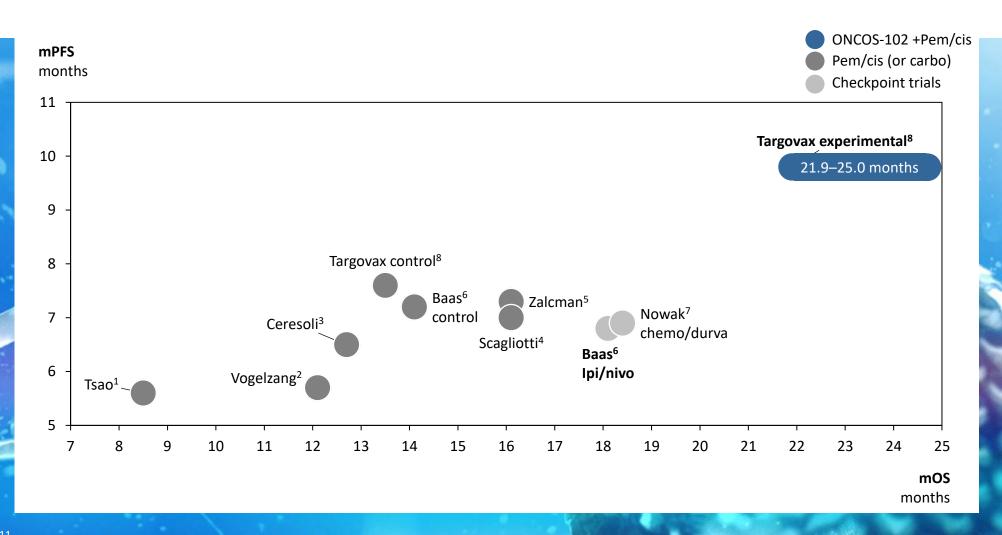


### CASE EXAMPLE: PATIENT WITH COMPLETE RESPONSE TUMOR T-CELL INFILTRATION





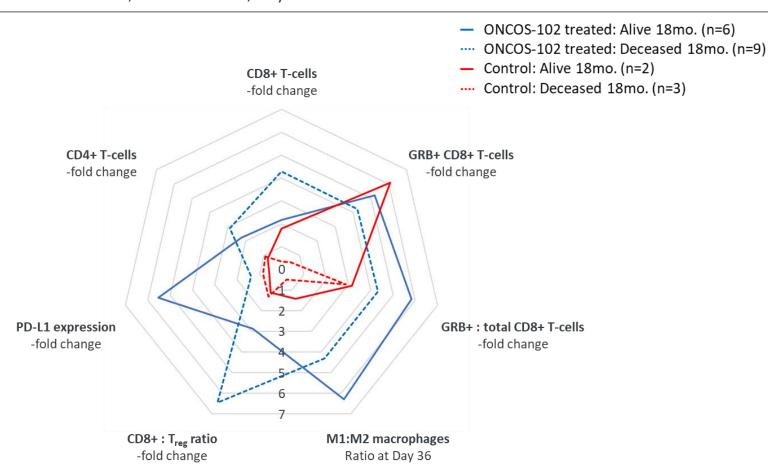
### ONCOS-102 mOS OF 22-25 MONTHS IS THE BEST SURVIVAL DATA REPORTED IN 1L MESOTHELIOMA





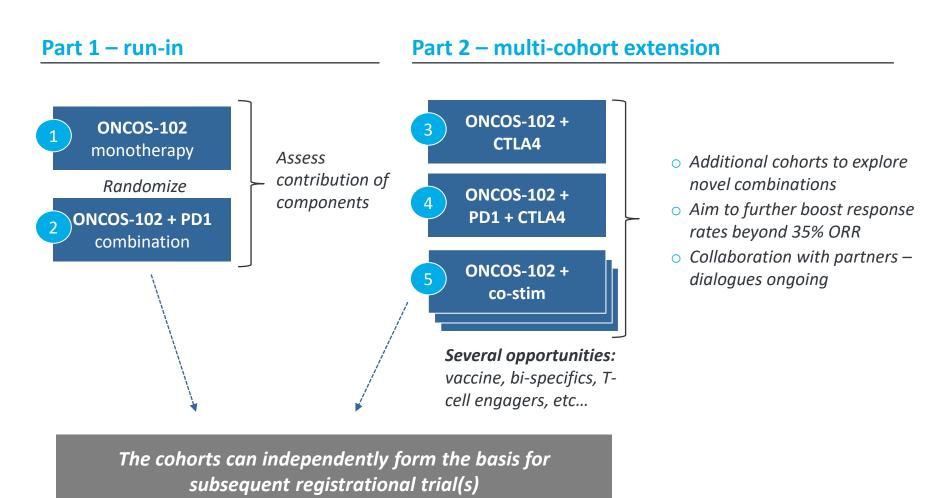
### IMPROVED SURVIVAL OUTCOME IS ASSOCIATED WITH POWERFUL ONCOS-102 INDUCED IMMUNE ACTIVATION

Immuno-modulation in tumor tissue; Mesothelioma, Day 36 vs. baseline





### NEXT STEP: MELANOMA PHASE 2 PLATFORM TRIAL TO EXPLORE MULTIPLE ONCOS-102 COMBINATIONS



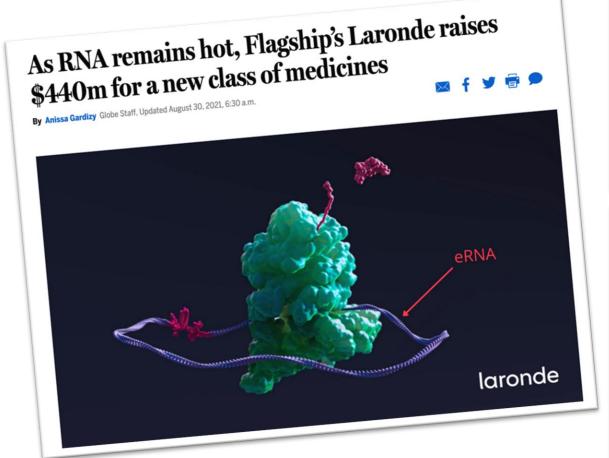


### CLINICAL AND PRECLINICAL PIPELINE

Product candidate	Preclinical	Phase 1	Phase 2	Phase 3	Next expected event
ONCOS-102	PD1 Refractory Melanoma Combination w/anti PD1				
NextGen ONCOS vectors					Preclinical data and selection of candidates
mutRAS immunotherapy					



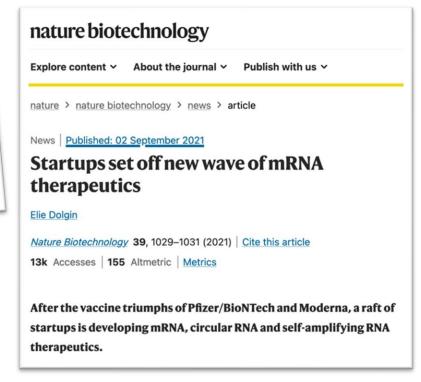
# TWO RECENT LAUNCHES OF CIRCULAR RNA BIOTECHS HAVE ATTRACTED MEGA SERIES A ROUNDS





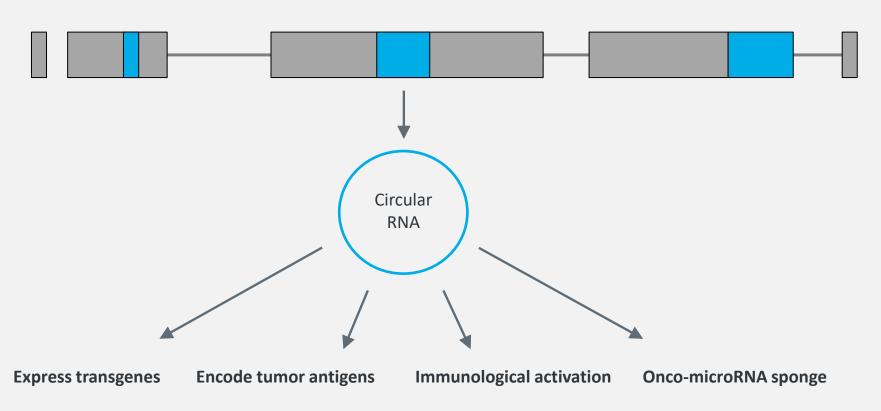






### ONCOS PROVIDES AN IDEAL, CLINICALLY VALIDATED PLATFORM FOR CIRCULAR RNA

#### Novel ONCOS circular RNA vectors



Highly verstaile delivery system



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### BUILDING MUTANT RAS IMMUNOTHERAPY PROGRAM THROUGH STRATEGIC PARTNERSHIPS

#### Targovax mutRAS immunotherapy strategy

Enhanced mutRAS vaccination

Clinical stage

- Enhanced versions of TG vaccines and novel combination strategies
- NOK 9.8m grant from Norwegian Research Council (NFR)

#### Next generation mutant RAS pipeline



Boost TG vaccine immunogenicity
Next gen. adjuvants



**Option to license TG01/02** vaccines for Greater China and Singapore

Next generation mutRAS concepts

Pre-clinical discovery

- Innovative, first-inclass mutRAS IO concepts
- Leverage ONCOS platform
- Strategic R&D partnerships



Oncolytic virus w/ mutRAS vaccine coating - Coat ONCOS-102 with mutant RAS neoantigen PeptiCRAd peptides



Oncolytic virus w/ mutRAS antibody payload - Express AbiProt mutant RAS targeting antibodies from ONCOS backbone



#### TARGOVAX OVERVIEW

ONCOS-102 is a class-leading immune activator in PD1 refractory melanoma

ONCOS-102: Leading immune activator with clinical efficacy in several solid tumors in monotherapy and in combination with anti-PD1 and chemotherapy

MoA confirmed in multiple indications: Broad local and systemic immune activation associated with clinical outcome

Preparing a platform trial based on class-leading responses: 35% ORR in PD1 refractory melanoma and 24 month mOS in mesothelioma

Market Exclusivity: ONCOS-102 is protected by composition of matter and method of use patents until 2037, 3 orphan and 2 fast track FDA designations

Innovative pipeline: Expanding ONCOS platform to deliver highly targeted novel circular RNA concepts; mutRAS immunotherapy program