

# ***Immunotherapies for Veterinary cancers and infectious diseases***

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Chief Executive Officer***



# EXECUTIVE SUMMARY

- EVVIVAX is a startup founded in 2016 to develop immunotherapy for veterinary cancer and infectious diseases
- Conventional chemotherapy drugs for pet cancer have huge side effects and low life expectancy
- TEL-eVAX is a proprietary immunotherapy able to induce better therapeutic effect with less side effects and higher survival



# EVVIVAX PIPELINE

	Indication	Preclinical	Clinical	Regulatory	Estimated Licensing Time
Tel-eVax	Canine Lymphoma	[Progress bar]		◆	Q1/2022
Erb-eVax	Canine Hemangiosarcoma	[Progress bar]		◆	Q2/2022
Linea-COVID19	Feline/Mink Covid 19	[Progress bar]		◆	Q4/2021
Lyme-eVax	Canine Lyme Disease	[Progress bar]		◆	2022
FIP-eVax	Feline Peritonitis	[Progress bar]		◆	2022



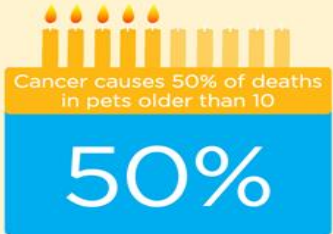
◆ = licensing



# THE IMPACT OF THE PROBLEM

## Pet Cancer WHAT EVERY PET OWNER SHOULD KNOW

**#1 Cancer** is the leading disease-related cause of deaths for dogs and cats in the U-S



B-cell lymphoma represents ~20% of all canine neoplasias in USA (300.000 dogs/yr affected)

Dogs get cancer at about the same rate as humans

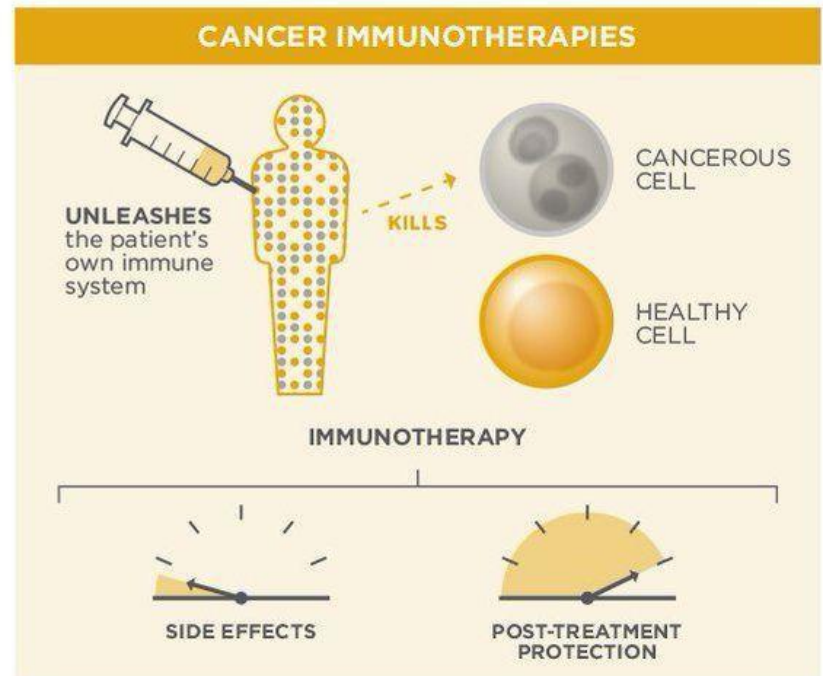
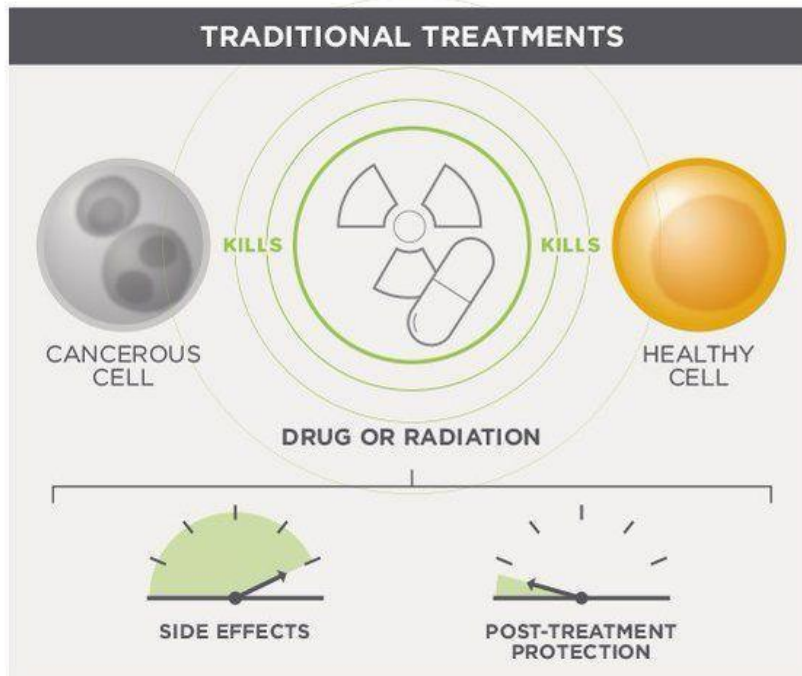


Estimated companion animal health market in USA in 2021:  
40 Billion \$



# OUR PRODUCT: TEL-EVAX

## CHEMOTHERAPY VS. IMMUNOTHERAPY



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**TEL-EVAX** is a DNA-based immunotherapy for **dogs** affected by a large range of tumors including **lymphoma**



## CLINICAL ADVANTAGE

- As lymphoma is very aggressive, TEL-e-VAX needs to be administered in combination with chemotherapy



### Results of Clinical trials on 73 dogs affected by lymphoma

Weeks of Overall Survival	
Chemo	Chemo plus Tel-eVax
37	<b>97</b>

- Tel-eVax increases Overall Survival in dogs undergoing maintenance chemotherapy **3x longer** than chemotherapy alone, **without side effects**

# COVID 19 in Vet Species: two main applications

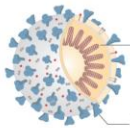
## Danish alert after Covid-19 mutation in mink spreads to humans

### KEY POINTS

- Several people infected with mutated strain of Covid-19 linked to farmed mink
- Cull announced of country's 15-17 million mink
- Restrictions on some 280,000 inhabitants of North Jutland
- Approx. 5% of Covid sufferers in North Jutland could carry the mutant strain
- Denmark worried mutation could compromise effectiveness of a vaccine



### SARS-CoV-2



RNA (genetic material)

Spike protein: binds to human cells, allowing the virus to gain entry

RNA may alter when it replicates

Mutation detected in Denmark

When mutations substantially change the antigenicity of a virus (its capacity to trigger the production of antibodies), vaccines may become less effective

Source: Danish authorities

AFP

## Minks



## Cats



Coronavirus  
**UPDATES**



No need to  
**PANIC**

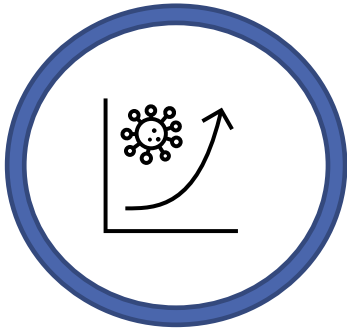




## COMPETITIVE ADVANTAGES



Tel-eVax and LineaCOVID-19 are the first proprietary immunotherapies made of linear DNA, devoid of antibiotic resistance genes, as requested by USDA



Tel-eVax and LineaCOVID-19 are immunogenic and longer overall survival and neutralizing antibodies, respectively



Tel-eVax may be potentially used in the treatment of a large range of canine tumors

LineaCOVID-19 in all SARS-CoV-2 susceptible species





# ***HELPING PETS, HELPING PEOPLE.***

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