



## Forward-Looking Statements

This information package contains forward-looking statements, which includes forecasts and timelines. Often, but not always, forward-looking statements can be identified by the use of words such as "plans", "will", "proposes", "expects", "estimates", "intends", "anticipates" or "believes", or variations of such words and phrases or state that certain actions, events or results "may", "could", "would", "might" or "will" be taken, occur or be achieved. Forward looking statements involve known and unknown risks, uncertainties and other factors which may cause the business to have actual results, performance, or developments, to be materially different from any future results, performance or developments expressed or implied by the forward-looking statements. Although the company has attempted to identify important factors that could cause actual results, performance, or developments, to differ materially from those described in forward-looking statements, there may be other factors that cause results, performance or developments not to be as anticipated, estimated or intended. There can be no assurance that forward-looking statements will prove to be accurate, as actual results, performance, or developments, could differ materially from those anticipated in such statements. All nominal figures will be presented in **USD amounts**.

Accordingly, readers should not place undue reliance on forward looking statements, as the company can make no guarantee of future results.







An SEC-registered, Pink – OTC Markets public company seeking FDA approval for a Phase I or IIa Human clinical trial

An expert scientific and managerial team focused on bringing novel cancer therapeutics to market through innovation



### Our Focused Mission

Acquisition of cutting-edge assets in oncology

2 Utilization of our expert advisory board to accelerate going to market



Enhance and accelerate bringing to market novel brain tumor immunotherapies





# Dwain Irvin, Chief Executive Officer Educational Background



**PhD**, UCLA School of Medicine, Molecular & Medical Pharmacology, 2002 **MPH**, UCLA School of Public Health, Environmental Sciences, 1995 **BA**, The Johns Hopkins University, 1988

Asst. Professor, Research Scientist, Cedars-Sinai Medical Center, Neurosurgery Department, 2005-2014
 Adjunct Professor, Occidental College, Biology Department, 2015-2018
 Post-Doctoral Fellow at Wallenberg Neuroscience Center, Lund University, Sweden, 2002-2005

**Published** over 25 peer-reviewed medical journals and book chapters



# Dwain Irvin, Chief Executive Officer Ventures



Co-Founder of 2 start-up companies in Biotechnology and Stem Cell Biology.

- CEO, NovAccess Global Inc.
  - Accelerating and Investing in cancer Therapeutics and Diagnostics
- **President**, Biotech Division, **Innovest Global Inc.** 2018 2020
  - Acquire biotech companies in cancer therapeutics and accelerate research and development.
- Founder, Chief Executive Officer, Global Stem Care Laboratory Inc. 2015 present
  - 2 patents pending in Cosmetic and Nutrition formulation
  - Subsidiary company in Nanjing China (Fuxi, Inc.)
- Founder, Chief Scientific Officer, StemVax Inc. (Immunotherapy for Brain Cancer) 2015 present
  - Patents in brain cancer therapeutics, (Glioblastoma Multiforme)
  - Developed and Licensed, Cedars-Sinai Department of Neurosurgery



### Our Team

Each Contributor, an Expert in their Field – Highly Focused, yet Adaptable

#### Management



Dwain Irvin PhD, MPH Chief Executive Officer



Neil Laird Chief Financial Officer



Christopher Wheeler PHD
President, StemVax Therapeutics
Co-Founder T-Neuro

**Scientific Advisory Board** 

#### **Executive Board**



John Cassarini
Portfolio Management
Executive



Jason Anderson
Life Sciences Executive and
Innovator



Renard Currie MBA Manages product portfolio for \$11BN company



Laina King PHD FDA/CDER, FDA/OEA NIH Director's Office



Lachlan Thompson PHD Professor of Neuroscience



Andrew Norris PHD Co-Founder, Midvale Group Co-Founder, BCN Biosciences

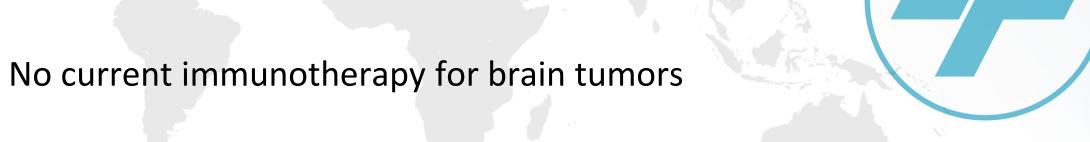


- More than 21,000 brain tumors diagnoses were estimated for 2021 in the U.S.
- Glioblastoma is the most common primary adult brain tumor
- Five-year survival rates are less than 5% for GBM
- Despite advances in Radiation and Chemotherapy no change in GBM patient survival in over 40 years



### Market Analysis

- 2018, Global, \$700 Million Market size, CAGR 9.3% (GlobalData Inc. 2019)
- No current immunotherapy for brain tumors



Expect 5% market penetration within first 5 years in market



#### **Problem:**

- Standard of Care: Surgical resection followed by radiation and chemotherapy
- 15-month median survival
- No Cures, additional GBM therapies needed

#### **Solution:**

- Immunotherapy: 3 Major Types
  - 1. Administration of antigen-pulsed dendritic cell (DC) immunotherapy
  - 2. Cytokine-transfected tumor cells immunotherapy
  - 3. Adoptive transfer of tumor-activated T cells immunotherapy
- All immunotherapy approaches have been associated with enhanced immunity against cancer
- No brain cancer immunotherapy in market to date



### History of Technology

- Licensed from Cedars-Sinai Medical Center, Department of Neurosurgery
- Cedars-Sinai Medical Center ranked 8<sup>th</sup> in US; Neurosurgery Department ranked 12<sup>th</sup> in US (US World New and Reports, 2020)
- ✓ NovAccess Global technology is 3<sup>rd</sup> Generation immunotherapy against GBM from Cedars-Sinai Medical Center, Neurosurgical Department



<sup>\* 2&</sup>lt;sup>nd</sup> generation increased dosage, resulting in no improvement over 1<sup>st</sup> generation

### Third Generation Immunotherapy

### 3<sup>rd</sup> Generation

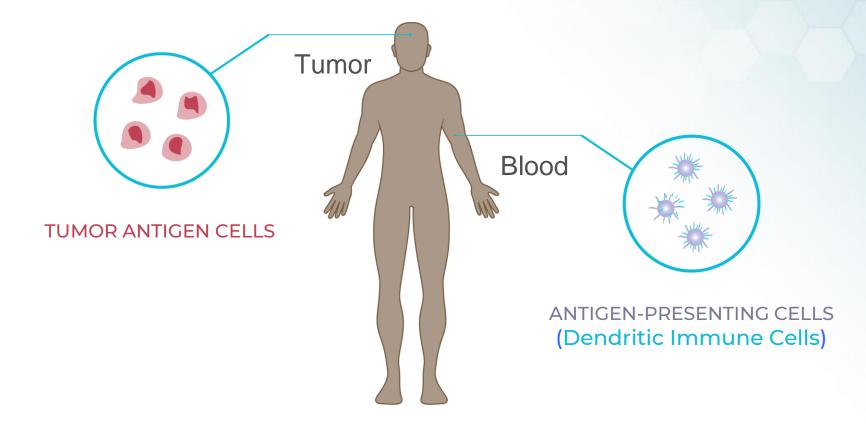
35% improvement over 1<sup>st</sup> generation in animals

### 1st and 2nd Generation

Improves survival in GBM responders (Phase I, II)

NOT a cure – Reduces chance of GBM recurrence

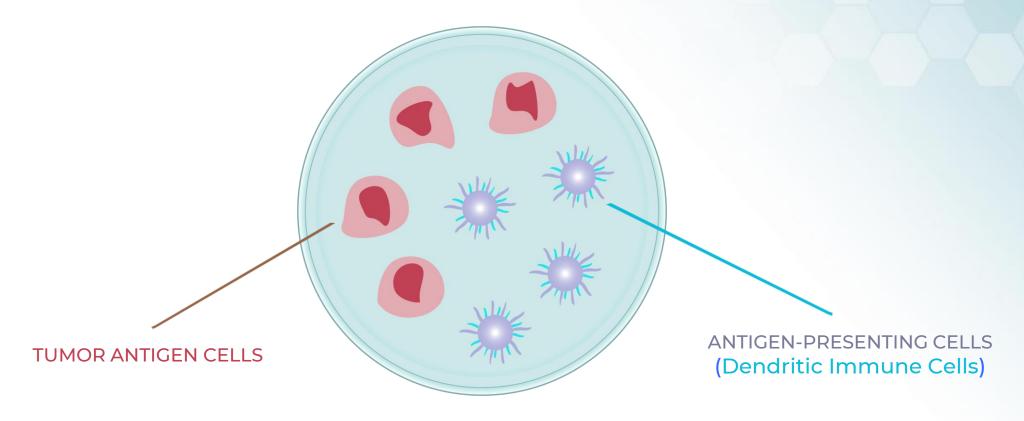




STEP 1

Neurosurgeon Isolates Tumor and Immune Cells - Sends to Lab

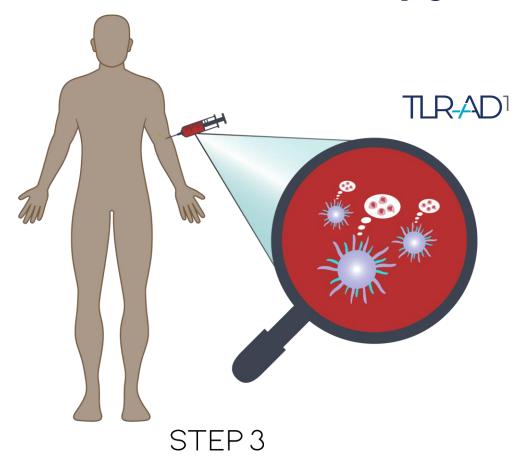




STEP 2

Immune Cells Process Tumor Antigens Utilizing TLR-AD1 Technology





- Giloma Tumor Cell Lysate
  - Freeze-Thaw Method Used to Activate Immune Response
- 'Intelligence-Briefed'
   Immune Cells Introduced
   into Bloodstream
- T-Cells Trained to Identify Tumor and Anti-Tumor Response Initiated

TLR-AD1 Glioblastoma Vaccine Administered



### Dendritic Cell Vaccine (1st Generation)

Improves survival in responders (Phase I and II)

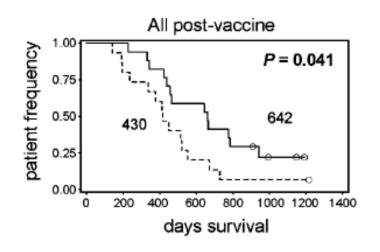
★ Not a cure - Reduces chance of GBM recurrence

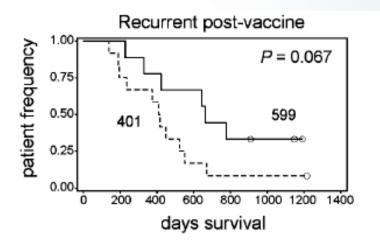
Needs improvement-survival rates, outcomes



### 1st Generation Vaccine-Bulk Tumor Lysate

GBM vaccine non-responders
 GBM vaccine responders





TTS (time from surgical resection immediately preceding vaccination to time of death)

-Wheeler et al, 2008, Cancer Research



# 2<sup>nd</sup> Generation Vaccine 6 Common Antigens (ICT-107)

### ICT-107 - Targets Cancer Stem Cells Lead Indication in GBM

Antigen	Treats
gp100	melanoma, brain
MAGE-1	melanoma, brain, ovarian
IL-13Ra2	brain, ovarian
Her-2/neu	breast, ovarian
AIM-2	breast, colon, brain
Trp-2	melanoma, brain



### 3rd Generation Vaccine TLR-ADI

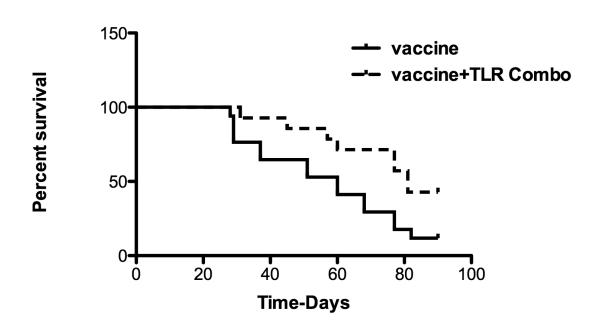
 Antigen specific or antigens derived from bulk lysate combined with Tolllike receptor (TLR) adjuvants

Pre-clinical mouse model data show significant improvements in survival and dendritic cell activation and function



### 3<sup>rd</sup> Gen vs. 1st Gen

# Pre-Clinical (Animal Study) Kaplan-Mier Survival Analysis of Vaccinated Glioma Bearing Mice (Controls)



### **Median Survival**

- 1st Gen: 60 days
- 3<sup>rd</sup> Gen + TLR Combos: 81 days



### **Company Highlights**

 NovAccess Global, IND stage biopharmaceutical company developing next-generation immunotherapy products to treat Brain Cancer

- → Applying to uplist in OTC Markets (OTC-QB), Q2, 2022
- Filing Orphan Drug status in Q3 2022
- ★ File Phase I or IIa IND application by Q4 2022



## Milestones Achieved (Brief)

Q2 2022	Preparing to Up-List on OTC Markets (OTCQB)
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Q3 2021 FDA pre-IND interaction: FDA states that XSNX is not required to do additional pre-clinical R&D studies and provides a road map for an IND Phase IIa

application submission

Q3 2020 StemVax acquired by NovAccess Global, an active OTC Pink traded company

2017 Immunotherapy patent issued by USPTO

2008 Patent filed with USPTO

2005-2013 (Pre-clinical studies, animal studies)







### Thank You!



#### **Jordan Darrow**

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