



**K A I D A**  
B i o P h a r m a

**Seeking the First Victory  
in Ovarian Cancer**

February 2025  
**Corporate Presentation**



# Forward-Looking Statements

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# Our Mission

*We are advancing targeted anti-cancer hormonal therapies to address the root cause of cancers affecting women.*

# Highlights

*Dedicated to advancing ovarian cancer treatment through innovative drug development*



*90% of patients are in need for an effective treatment*

## **We Treat the Cause of the Cancer**

- Lead program demonstrated promising initial human clinical data
- Targeting prolactin; over expressed in ~80% of patients with ovarian cancer<sup>1</sup>
- Potentially 1<sup>st</sup> in class prolactin receptor antagonist
- Rapidly advancing into Phase 1 study in H1 2026
- Pipeline expansion opportunity into Breast and Uterine cancer. Prolactin over expressed in ~90% of patients<sup>2</sup>



# Development Pipeline

Program	Indication	Discovery	Preclinical	Phase 1	Phase 2	Highlights
<b>KAD101</b>	Ovarian Cancer					<p>New formulation</p> <p>Rapidly advancing into Phase 1 study targeted for H1 2026</p>
<b>KAD102</b>	Uterine Cancer					<p>Enhanced pure antagonist of KAD101</p> <p>New molecular entity entering an SRA with MD Anderson in Q1 2025</p>

# Leadership Team with Proven Track Record



**Dr. Stella Vnook, MBA**  
**Co-Founder**

*Major Biopharma Executive, Transformational Leader with Extensive Pharma Background, Doctorate in Economics of PH and Pharmacy and MBA*



**William Gannon Jr., MD, MBA**  
**Director of Clinical & Medical Affairs**

*Clinical Trials Director, FDA Strategist*



**Craig Pierson**  
**Chairman, Founder**

*LifeTech Capital, Founder of AiM Medical Robotics MSE/CE Life Science Banker for 26 Years*



**David Rosen**  
**Foley & Lardner LLP**

*FDA Council, Former FDA Panel Member, Author of Orange Book*



**John Langenheim, PhD**  
**CSO, Co-founder**

*Prolactin Receptor Antagonist Expert, Assistant Professor of Cancer Biology for Sidney Kimmel Medical College at Thomas Jefferson University*



**Anil K. Sood, M.D.**  
**Head of SAB**

*Department of Gynecologic Oncology and Reproductive Medicine, Division of Surgery*



# Ovarian Cancer

*Patient Journey is Grim & Needs a Solution to Improve Outcomes*

*Typically identified when already late stage making treatment difficult and costly. Our focus is to target the cause that created the cancer.*

## Market Opportunity<sup>1</sup>

**\$3.7B** Current therapies have limited efficacy but represent large market

**\$6.4B** Expected to grow at a 14.4% CAGR in 2024

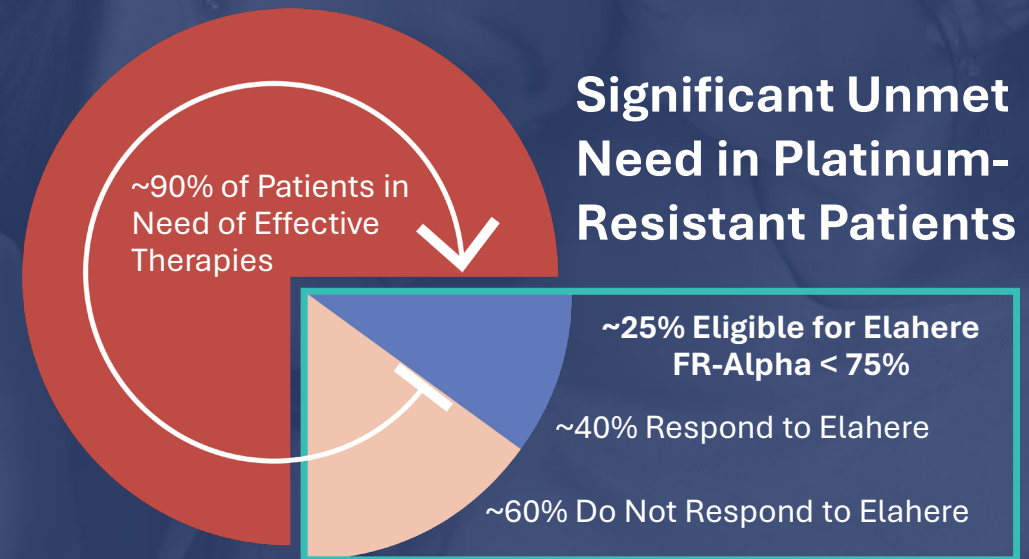
**0** Therapeutics that offer a durable response

**19,710<sup>1</sup>**

Estimated new cases diagnosed in the US in 2023

**13,270<sup>1</sup>**

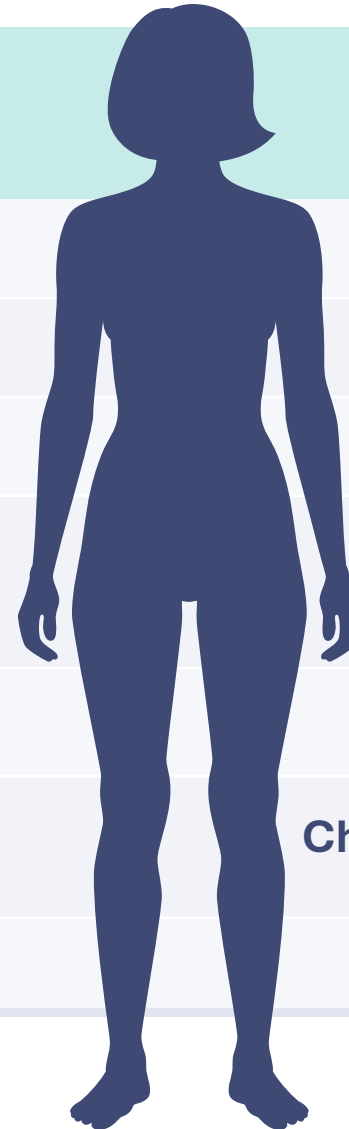
Approximate deaths resulting from ovarian cancer in the US in 2023



# Consistently Poor Results Across Therapies

*Underpins Need for New Innovative Approach*

Drug	Target	% of Patients Expression	ORR	mPFS (mo)	mOS (mo)
<b>KAD101   KAD102</b>	<b>Prolactin</b>	<b>~80%</b>	<b>KAD102 Opportunity</b>		
Abbvie: Elahere	FR-Alpha $\geq 75\%$	~25-30%	42%	5.6	16.5
Sutro: Luvelta	FR-Alpha $\geq 25\%$	~60-80%	~38%	NA	NA
Corcept: Relacorilant	Glucocorticoid Receptor (GR)	~40%	33%	5.6	13.9
Checkpoint Inhibitors	PD-(L)1	~10-20%	~5-15%	2.1-3.5	11.8-18.7
			<b>Chemo</b>	~3.5 Average	~13.4 Average
Mersana: Upfitamab	NaPi2b	~50%	13%	Study Failed	





# Key Cancers Where Prolactin Plays a Role

1

## Breast Cancer

Prolactin receptor overexpression is seen in up to 90% of breast cancer cases, especially in hormone receptor-positive subtypes. Prolactin promotes tumor growth and metastasis by activating the Jak2/STAT pathway and other downstream effectors that drive proliferation and survival.

2

## Uterine Cancer:

Prolactin overexpression and its signaling through PRLR have been implicated in endometrial cancer. Prolactin stimulates cell proliferation and protects cancer cells from apoptosis (programmed cell death).

3

## Prostate Cancer:

In prostate cancer, prolactin is thought to enhance tumorigenesis through both autocrine and paracrine mechanisms, activating the Jak2/STAT and PI3K/AKT pathways. This increases cancer cell survival, proliferation, and resistance to apoptosis.

4

## Pancreatic Cancer

Pancreatic cancer is notoriously difficult to treat, but prolactin signaling has emerged as a novel target. Studies suggest that prolactin promotes the survival of pancreatic cancer cells through the PRLR-Jak2-STAT axis, aiding in tumor growth and chemoresistance.

5

## Colorectal Cancer:

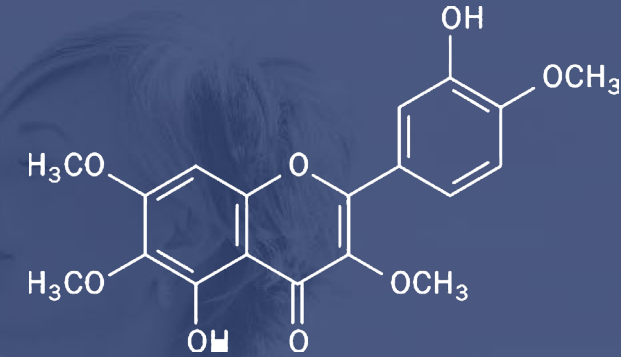
Research has shown that PRLR is upregulated in colorectal cancer, contributing to cancer cell growth and survival. Prolactin may interact with other growth factors to enhance the malignant potential of colorectal tumors.

***Backed by Over 25 Years of Published Research from  
Leading Institutions in the US, Israel and France***

# Lead Program Initially Targeting Ovarian Cancer

*Novel Biologic that Blocks the Prolactin Receptor to Prevent Cancer Cell Growth Signals and Incite Autophagy*

- Novel formulation of de-risked asset, KAD101, which has seen promising initial human clinical data
- New Patents filed to secure our future
- Multiple expansion opportunities into endometrial, uterine and breast cancers
- Opportunity as maintenance therapy



## Prolactin

Higher Expression Correlates with Reduced Survival Contributing to Tumor Growth and the Development of Malignancies

### Targeting Prolactin

- Potential to disrupt tumor growth and reverse the process through autophagy
- G129R prolactin prevents prolactin receptor dimerization

### Impact on Cell Signaling

- Involved in pathways like JAK/STAT5 and PI3K/Akt, essential for cell proliferation

### Chemotherapy Resistance

- The down-regulation of GST is directly linked to chemotherapy resistance, making patients receptive again, a major treatment hurdle

# Differentiated Mechanism of Action

*KAD101 represents a longer half life molecule that blocks the prolactin receptor to prevent cancer cell growth signals and initiate autophagy*

*Novel mechanism significantly weakens the tumor, and in some cases leads to complete remission*

## Activates Autophagy

- Triggers cell 'self-eating' process, leading to the death of cancer cells

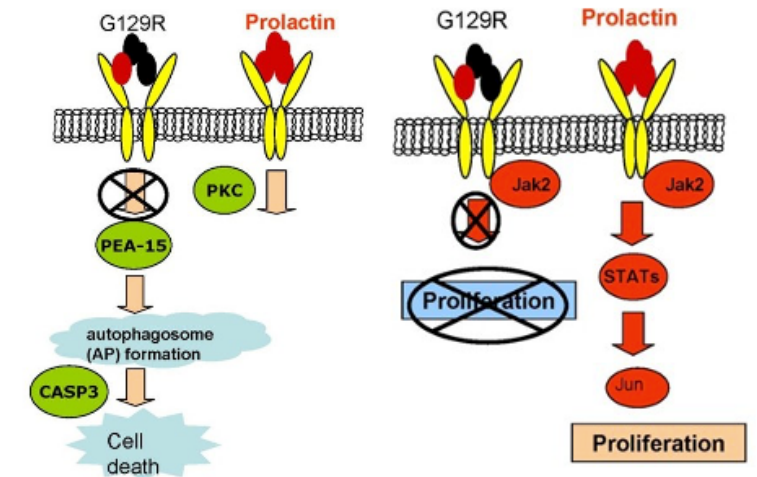
## Cell Proliferation Halted

- Inhibits the Jak2 pathway, which is crucial for cancer cell multiplication

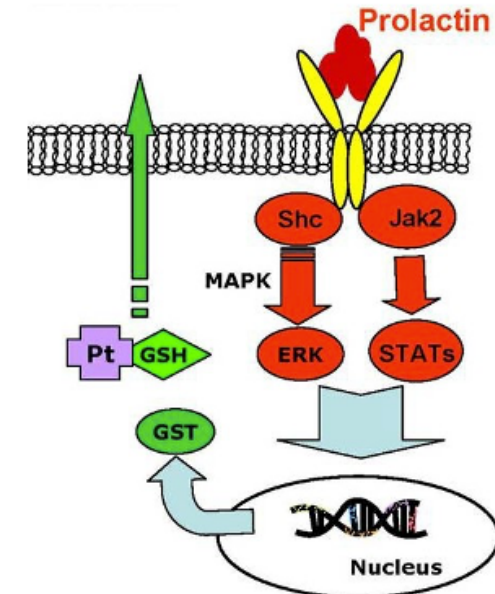
## Chemoresistance Addressed

- Downregulates GST enzyme, which has shown to reactivate response to chemotherapy in chemo-resistant patients

## Autophagy: Programmed Cell Death



## Downregulates GST: Chemoresistance



# KAD101 (Originally G129R) Demonstrated Promising Initial Human Clinical Data (daily injectable)

*All Patients Showed Tumor Reduction with a Clean Safety Profile as a Daily Injectable  
A low toxicity with the tested doses in prior Clinical Trials for Ovarian Cancer!*

## Patient 1

- Received Taxol with Neulasta
- Had 2 significant RECIST-measured tumors
- Stable disease achieved; no new cancer growths observed
- Treatment with low-dose KAD101 deemed effective

## Patient 2

- Treatment history includes Taxol, Carboplatin, and Doxil
- Presented with one large RECIST-measured tumor
- Tumor shrank to non-measurable size post-KAD101 treatment
- Demonstrated significant response to low-dose KAD101

## Patient 3

- Prior treatments: Gemzar, Carboplatin, Doxil, Avastin
- Started the three RECIST-measured tumors
- Post-treatment, tumors reduced by 15-20% in size
- KAD101 showed a marked reduction in tumor volume

**Kaida Improved the Formulation to Achieve a Longer Half-Life that will Decrease the Number of Injections and Should Provide Improved Activity and Efficacy in the Patient**



# Accomplished & Upcoming Milestones

## COMPLETED

- PK and Preclinical Translational Studies
- RE-Formulation for KAD101 (new patent)
- Regulatory Path forward implemented FDA
- Patents filed with further IP filings
- SAB in place with Dr Anil Sood from MD Anderson














## UPCOMING\*

- Commence Manufacturing of KAD-101 with US Based CDMO
- Re-open Existing IND. Securing Type C development meeting
- Complete animal "bridging" studies for the new formulation-
- G129R (KAD101) drug substance toxicity studies completed
- Sponsored Research Agreement with MD Anderson
- Expanding IP portfolio with additional patent filings
- Target Commencement of Phase 1 H1 2026




\* And Use of Proceeds

# Peer Valuations Suggest Potential for Significant Upside, Even at Earlier Stages

Company	Drug	Phase	ORR	mPFS (mo)	mOS (mo)	Deal Price / Market Cap
<b>Acquisitions</b>						
 immunogen	 ELAHERE <sup>®</sup> nivolumab soravictasin-gyn injection 400 mg	Approved	42%	5.6	16.5	<b>\$10.1 Billion</b> Acquired by  <b>abbvie</b>
 <b>ProfoundBio</b>	Rinatabart sesutecan: FR-alpha ADC	Phase 1/2	NA	NA	NA	<b>\$1.8 Billion</b> Acquired by  <b>Genmab</b>
<b>Public Companies</b>						
 SUTRO BIOPHARMA	Luvelta	Phase 2/3	~38%	NA	NA	<b>\$350 Million</b>
 Corcept THERAPEUTICS	Relacorilant	Phase 2	33%	5.6	13.9	<b>\$2.8 Billion</b>
 zentalis <sup>®</sup>	Azenosertib	Phase 1/2		Study Ongoing		<b>\$825 Million</b>
 Nuvation Bio	NUV-1511	Phase 1/2		Study Ongoing		<b>\$825 Million</b>
 SHATTUCK LABS	SL-172154	Phase 1	9%	-	-	<b>\$500 Million</b>
 MACROGENICS	MGC026	Phase 1		Study Ongoing		<b>\$280 Million</b>

## Recent Private Financings Underscores Interest and Value in Ovarian Cancer Space

Company	Drug	Phase	Last Round	Total Raise	Total Raise to Date
 TORL BIOTHERAPEUTICS	TORL-1-23: Claudin-6 ADC	Phase 1	Series B	\$158 Million	<b>\$350</b>

# The Kaida Opportunity

*Dedicated to advancing ovarian cancer treatment through innovative drug development*

Lead program demonstrated promising initial human clinical data

Rapidly advancing into Phase 1 study in H1 2026

Targeting \$6.4 billion<sup>1</sup> market opportunity where current therapies have limited efficacy

KAD 101 leverages autophagy induction to promote cancer cell death, represents a novel and exciting mechanism of action

Represents a novel and exciting MOA that significantly weakens the tumor and in some cases you may see complete remission. When combined with targeted therapeutics we believe we will see Victory!







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**Thank You!**

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