

Seeking the First Victory in Ovarian Cancer

February 2025 Corporate Presentation

Forward-Looking Statements

These slides and the accompanying oral presentation contain forward-looking statements and information. Forward- looking statements are subject to known and unknown risks, uncertainties, and other factors that may cause our or our industry's actual results, levels or activity, performance or achievements to be materially different from those anticipated by such statements. The use of words such as "may", "might", "will", "should", "could", "expect", "plan", "anticipate", "believe", "estimate", "project", "intend", "future", "potential" or "continue", and other similar expressions are intended to identify forward looking statements. For example, all statements we make regarding (i) the initiation, timing, cost, progress and results of our preclinical and clinical studies and our research and development programs, (ii) our ability to advance product candidates into, and successfully complete, clinical studies, (iii) the timing or likelihood of regulatory filings and approvals, (iv) our ability to develop, manufacture and commercialize our product candidates and to improve the manufacturing process, (v) the rate and degree of market acceptance of our product candidates, (vi) the size and growth potential of the markets for our product candidates and our ability to serve those markets, and (vii) our expectations regarding our ability to obtain and maintain intellectual property protection for our product candidates, are forward looking. All forward-looking statements are based on current estimates, assumptions and expectations by our management that, although we believe to be reasonable, are inherently uncertain. All forward-looking statements are subject to risks and uncertainties that may cause actual results to differ materially from those that we expected. Any forward-looking statement speaks only as of the date on which it was made. We undertake no obligation to publicly update or revise any forward-looking statement, whether as a result of new information, future events or otherwise, except as required by law. This presentation is not, and nothing in it should be construed as, an offer, invitation or recommendation in respect of our securities, or an offer, invitation or recommendation to sell, or a solicitation of an offer to buy, any of our securities in any jurisdiction. Neither this presentation nor anything in it shall form the basis of any contract or commitment. This presentation is not intended to be relied upon as advice to investors or potential investors and does not take into account the investment objectives, financial situation or needs of any investor.



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 cancer¹

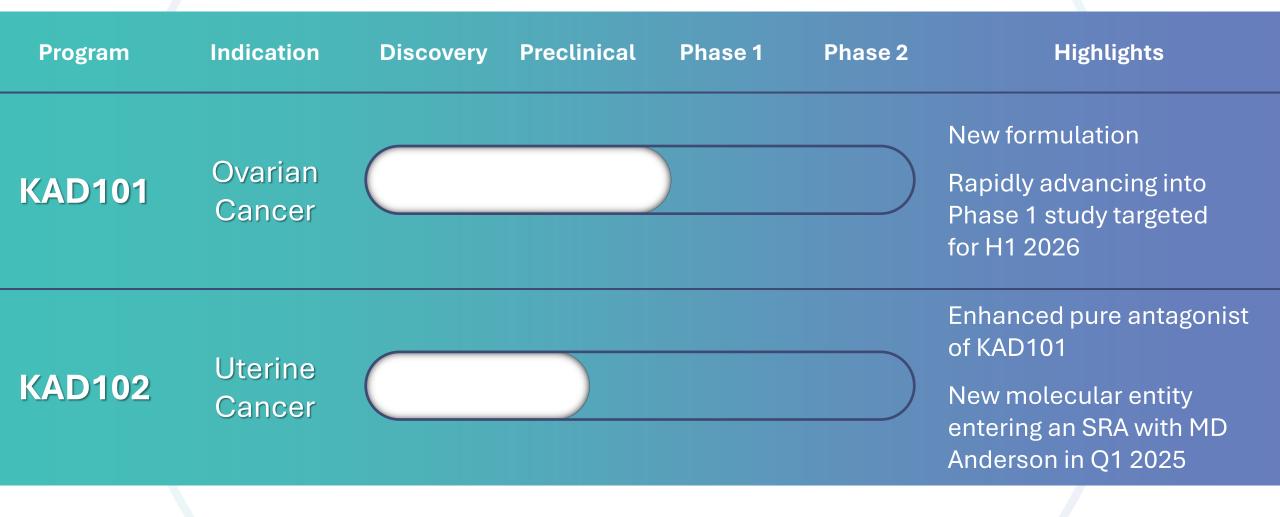
Potentially 1st in class prolactin receptor antagonist

Rapidly advancing into Phase 1 study in H1 2026

Pipeline expansion opportunity into Breast and Uterine cancer. Prolactin over expressed in ~90% of patients²

1. V. Levina et al. Biological Significance of Prolactin in Gynecologic Cancers. Cancer Res 15 June 2009; 69 (12): 5226–5233. https://doi.org/10.1158/0008-5472.CAN-08-4652; 2. Faupel-Badger et al. Prolactin receptor expression and breast cancer: relationships with tumor characteristics among pre- and post-menopausal women in a population-based case-control study from Poland. Horm Cancer. 2014 Feb;5(1):42-50. doi: 10.1007/s12672-013-0165-7. Epub 2013 Nov 19. PMID: 24249584; PMCID PMC3906637.

Development Pipeline





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



Jazz Pharmaceuticals.

MERCK

Catalent.



Craig Pierson

Chairman, Founder

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

Lifetech





John Langenheim, PhD CSO, Co-founder

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









William Gannon Jr., MD, MBA

Director of Clinical & Medical Affairs

Clinical Trials Director, FDA Strategist BioSTAT Apthera.

OQUINTILES Celsion





David Rosen

Foley & Lardner LLP

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







Anil K. Sood, M.D.

Head of SAB

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

THE UNIVERSITY OF TEXAS MDAnderson Cancer Center

Ovarian Cancer

Patient Journey is Grim & Needs a Solution to Improve Outcomes

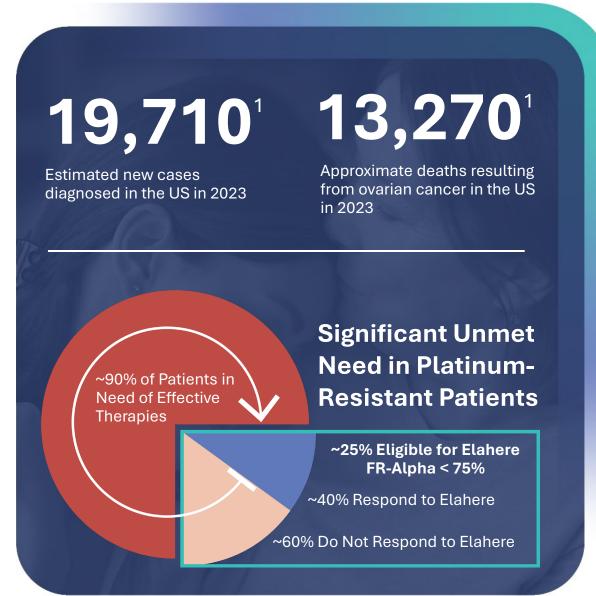
Typically identified when already late stage making treatment difficult and costly. Our focus is to target the cause that created the cancer.

Market Opportunity¹



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

Therapeutics that offer a durable response





Consistently Poor Results Across Therapies

Underpins Need for New Innovative Approach

Drug	Target	% of Patients Expression			ORR	mPFS (mo)	mOS (m
KAD101 KAD102	Prolactin	~80%			KAD102 Opportunity		
Abbvie: Elahere	FR-Alpha ≥75%	~25-30%			42%	5.6	16.5
Sutro: Luvelta	FR-Alpha ≥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
			Che	mo	~15-20%	~3.5 Average	~13.4 Average
Mersana: Upfitamab	NaPi2b	~50%			13%	Study I	ailed
KAIDA Bio Pharma							

Key Cancers Where Prolactin Plays a Role

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.

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).



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.



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.

Colorectal Cancer:

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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

H_3CO O OCH_3 H_3CO OCH_3

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

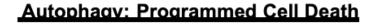
• Triggers cell 'self-eating' process, leading to the death of cancer cells

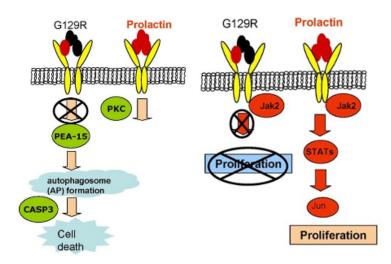
Cell Proliferation Halted

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

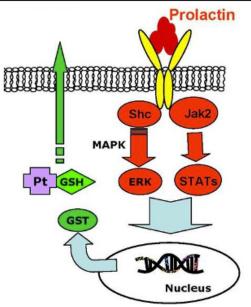
Chemoresistance Addressed

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





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 RECISTmeasured 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 nonmeasurable size post-KAD101 treatment
- Demonstrated significant response to low-dose KAD101

Patient 3

- Prior treatments: Gemzar, Carboplatin, Doxil, Avastin
- Started the three RECISTmeasured 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



Data Published in Prestigious Journals



Anil K. Sood, M.D.

Department of Gynecologic Oncology and Reproductive Medicine, Division of Surgery **University of Texas MD Anderson Cancer Center**

Check for spokes

Cell Reports

Antagonism of Tumoral Prolactin Receptor Promotes Autophagy-Related Cell Death

en,¹ Behrouz Zand, ¹ Bulent Ozpolat,^{2,2} Mirosław J. Szczepanski,¹¹ Chunhua Lu,¹ Erkan Yuca,² Anny R. Ca Alpay,² Chardra Barholomouz,² Ibrahim Tekederski,² Va Kang,² Rapesha Rupalmoole, f. Ohad V. Peoct, J. Datinci, ² Anadule Hermandez,² Anan Lockkini, ² Suaan L. Lugendorf, ² Jimosof, Lu, Walter N. Hittelma Pen, ¹¹ Gabriel Lopez-Berestein,¹⁴ Marta Szajinki,⁹ Naoto T. Ueso, *1* Robert L. Coleman, ¹² and Ani K. Soo

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BUMARY Threspectial copreguidation of macrosubsphary targets creatly provides an alternative mechanism of the second se pendeter tight here you have a subtraction of the s hagy and eventual programmed cell death (Daiby et White et al., 2010). Targeted molecular therap in induce sustained autophagy offer new therap nitikes (Shimbu et al. The multifunctional hormone, prolactin (PRL), is not only essen-tial for normal reproduction and maintenance of pregnancy but also contributes to pathogenesis of gynecologic malignances,

() Counts

488 Cell Reports 7, 488-500, April 24, 2014 02014 The Authors

KAIDA

BioPharma

MDAnderson Cancer Network

MOLECULAR CANCER THERAPEUTICS

Blockade of the Short Form of Prolactin Receptor Induces FOXO3a/EIF-4EBP1-Mediated Cell Death in Uterine Cancer

Yunfei Wen¹, Ying Wang², Anca Chelariu-Raicu¹, Elaine Stur¹, Yuan Liu^{1,3}, Sara Corvigno¹, Faith Bartsch⁴, Lauren Redfern¹, Behrouz Zand¹, Yu Kang¹, Jinsong Liu⁵, Keith Baggerly², and Anil K. Sood

Abnormal activity of human prolactin (PRL) and its mem- PTEN^{star} orthotopic mouse models of uterine cancer. In com-Alternal activity of human productin (PR2) and its more programming the production of the programming of the production of the programming of the production of the production

Introduction

2020 American Association for Cancer Research

ities (6, 7), the full-length PRLR gene product was not detected in

Introduction
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AMERICAN AMERICAN ASSOCIATION

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301. VASCULAR WALL BIOLOGY, ENDOTHELIAL PROGENITOR CELLS, AND PLATELET ADHESION, ACTIVATION, AND BIOCHEMISTRY | NOVEMBER 29, 2018

Platelets Promote Activation of the **Complement System in Ovarian Cancer**

Omayra Gonzalez Pagan, MD,1 Min Soon Cho, PhD, Vahid Afshar-Kharghan, MD ¹UT Houston - McGovern Medical School, Houston, TX ²MD Anderson Cancer Center, Houston, TX ³M.D. Anderson Cancer Center, Houston, TX

Blood (2018) 132 (Suppl_1) : 4970. http://doi.org/10.1182/blood-2018-99-116752

Abstract

Platelets promote metastasis and growth of ovarian cancer. We have shown that platelets extravasate into the tumor microenvironment (TME) and increase proliferation and epithelial-mesenchymal transition (EMT) in ovarian cancer cells. We have also shown that activation of the complement system in TME of ovarian cancer enhances tumor growth. Ovarian cancer cells secrete complement proteins that upon activation in the TME increase proliferation of cancer cells and promote EMT via an autocrine pathway. The activators of the complement system in the TME have not been identified. We have demonstrated that upon activation platelets activate the complement system on their surface. In the current study, we examined whether extravasated platelets inside tumors contribute to the complement activation in the TME

1) We examined the effect of antiplatelet reagents on platelet extravasation into TME, using murine models of ovarian cancer. Tumors induced by injection of ovarian cancer cells into the peritoneum of Nu/ Nu mice were resected after 6-8 weeks and the number of extravasated platelets was determined by immunostaining tumor sections and counting the number CD42 (GPIb) positive cells that were outside the blood vessels (CD31 positive). We found that platelet extravasation is an active process and platelet inhibition by aspirin or ticantelor reduces the number of extravasated platelets. Furthermore, P2Y12 deficient platelets extravasate less than normal platelets. In all of these experiments, the number of





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Accomplished & Upcoming Milestones

- 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



- 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



COMPLETED

UPCOMING*

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

Company	Drug	Phase	ORR	mPFS (mo)	mOS (mo)	Deal Price / Market Cap						
Acquisitions												
immun•gen.	ELCAHERE investigation of orge	Approved	42%	5.6	16.5	\$10.1 Billion Acquired by へしし∨ie						
Profound Bio	Rinatabart sesutecan: FR-alpha ADC	Phase 1/2	NA	NA	NA	\$1.8 Billion Acquired by Genmab						
Public Companies												
SUTR: BIOPHARMA	Luvelta	Phase 2/3	~38%	NA	NA	\$350 Million						
Corcept	Relacorilant	Phase 2	33%	5.6	13.9	\$2.8 Billion						
zentalis [.]	Azenosertib	Phase 1/2		Study Ongoing		\$825 Million						
Nuvation Bio	NUV-1511	Phase 1/2		Study Ongoing		\$825 Million						
SHATTUCK	SL-172154	Phase 1	9%	-	-	\$500 Million						
	MGC026	Phase 1		Study Ongoing		\$280 Million						
Recent Private Financings Underscores Interest and Value in Ovarian Cancer Space												
Company	Drug	Phase	Last Round	Total Raise	Tota	Raise to Date						
T TAK R L BIOTHERAPEUTICS	TORL-1-23: Claudin-6 ADC	Phase 1	Series B	\$158 Million		\$350						



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 billion¹ 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!





Thank You!

Craig A. Pierson Chairman KAIDA BioPharma Email: <u>cpierson@kaida-biopharma.com</u> www.KAIDA-BioPharma.com