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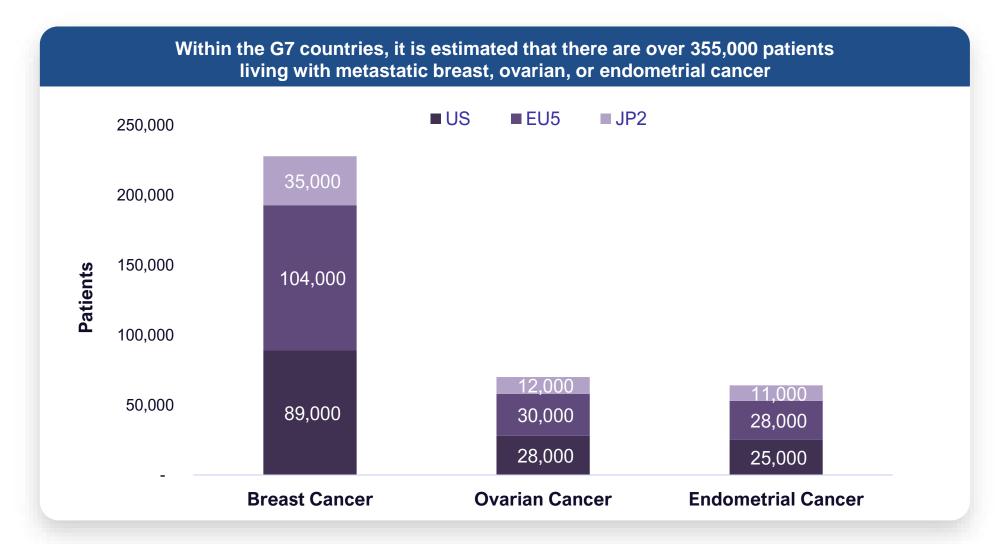
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# **Context Therapeutics Overview**

Focus on Women's Oncology	Unmet clinical need in breast, ovarian, and endometrial cancers
ONA-XR oral PR antagonist	<ul> <li>ONA-XR is a novel, potentially first-in-class progesterone receptor (PR) antagonist</li> <li>Endometrial Phase 2 trial initial data reports 4-month PFS rate of 77%<sup>1</sup></li> <li>In November 2022, initiated Phase 1b/2 ELONA trial. On track for Phase 1b data in Q4 2023</li> <li>2L/3L metastatic breast cancer initial data to be presented in December 2022</li> </ul>
CLDN6 x CD3 bispecific antibody	<ul> <li>Claudin 6 (CLDN6) is uniquely expressed in certain adult and pediatric cancers</li> <li>Developing a highly selective CLDN6 x CD3 bispecific antibody</li> <li>On track for Candidate selection in Q4 2022 and IND submission in Q1 2024</li> </ul>
Cash Guidance	Expected cash runway into Q1 2024

## **Unmet Need in Female Cancers**

Prevalence of Metastatic Female Cancers in EU5, Japan, and US



# **Pipeline**

Cancer	Clinical Indication	Preclinical	Phase 1 Clinical	Phase 2 Clinical	Milestones	
ONA-XR (PR and	tagonist)¹					
Breast	2L/3L ER+,PR+,HER2- Combination w/ elacestrant	Phase 1b/2 EL	ONA Trial		Initiate Q4 2022 Phase 1b data Q4 2023	lacksquare
Cancer	2L/3L ER+,PR+,HER2- Combination w/ fulvestrant	*Phase 2 SMIL	E Trial		Initial data Dec 2022	
Endometrial Cancer	Recurrent PR+ Endometrioid Combination w/ anastrozole	*Phase 2 Trial			Initial data Q4 2022 Data update mid-2023	
Ovarian Cancer	Recurrent PR+ Granulosa Cell Tumor Combination w/ anastrozole	*Phase 2 Trial			Initial data Q4 2022 Data update mid-2023	<b>✓</b>
CLDN6xCD3 bis	specific antibody					
	CLDN6-positive cancers				Candidate selection Q4 2022 IND submission Q1 2024	

<sup>1</sup> Tyligand Biosciences Ltd licensed rights to ONA-XR in China, HK, Macau \* Investigator Sponsored Trial



# **Onapristone Extended Release (ONA-XR)**

Mechanism of Action	<ul> <li>Onapristone (ONA) is a progesterone receptor (PR) antagonist that suppresses PR oncogenic signaling</li> <li>PR oncogenic signaling is associated with breast, ovarian, and endometrial cancer</li> <li>Onapristone is the only PR antagonist that blocks both ligand-dependent and ligand-independent PR activation<sup>1</sup></li> </ul>
Dosing and Administration	<ul> <li>ONA-XR is an extended-release (XR) tablet form of onapristone (ONA)</li> <li>50 mg administered orally twice per day</li> </ul>
Clinical Data With Immediate Release Formulation	<ul> <li>56% overall response rate (ORR) in patients with advanced or metastatic 1L ER+,PR+,HER2- breast cancer<sup>2</sup></li> <li>Immediate release formulation associated with liver enzyme elevations<sup>3,4</sup></li> </ul>
Clinical Data With Extended Release Formulation <sup>5,6</sup>	<ul> <li>Extended release formulation mitigates liver enzyme elevations; no treatment-related severe adverse events to date</li> <li>Preliminary 4-month progression free survival (PFS) rate of 77% in ongoing Phase 2 endometrial cancer trial</li> </ul>
Intellectual Property	<ul> <li>IP protection through at least 2034 assuming no additional patent filings or patent term extensions</li> <li>ONA-XR is a New Chemical Entity (NCE)</li> </ul>

<sup>1</sup> Huang, Mol Can Res, 2019

<sup>2</sup> Robertson et al., J Eur Cancer, 1999

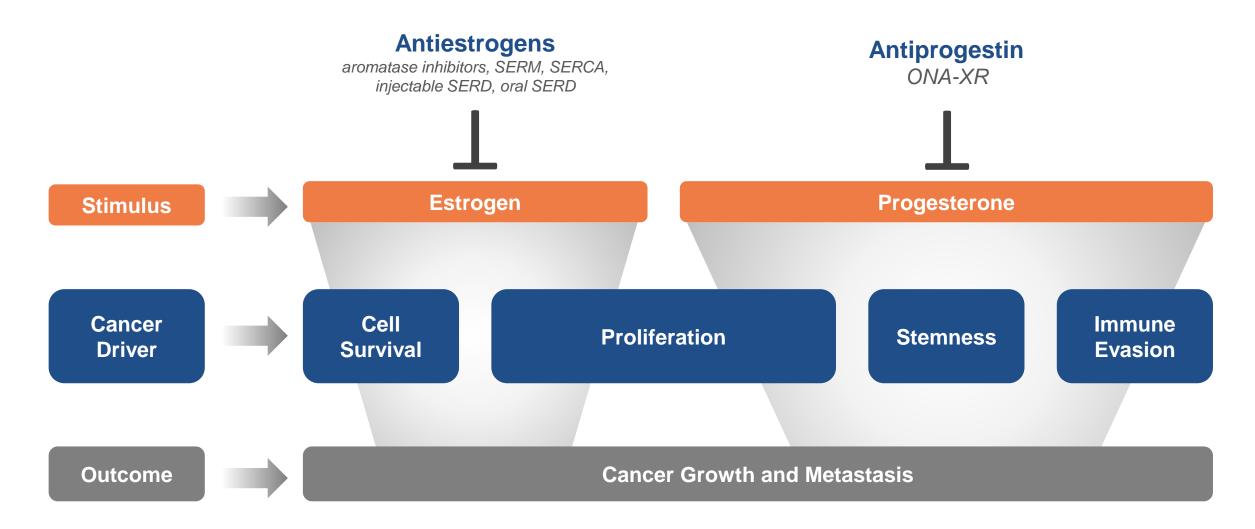
<sup>3</sup> Cottu et al., PLOS One, 2019

<sup>4</sup> Lewis et al., Drug Safety, 2020

<sup>5</sup> Data referenced as of September 30, 2022 6 As assessed by study Investigator

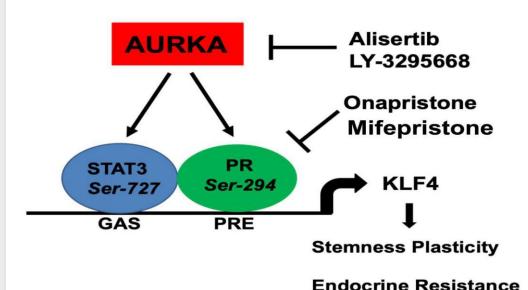
## **Mechanism of Action**

Blocking cancer growth by combining antiestrogen and antiprogestin therapies



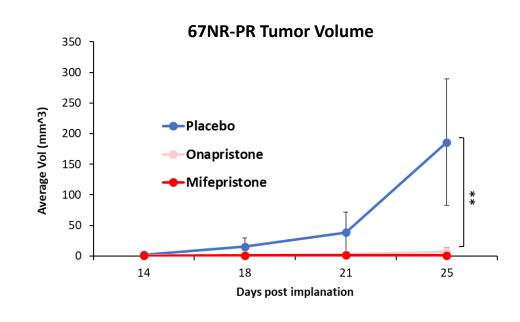
## PR Regulates Cancer Drivers of Stemness and Immune Evasion

#### PR Promotes Cancer Cell Stemness and Metasteses<sup>1</sup>



Cancer plasticity and endocrine therapy resistance is mediated through AURKA phosphorylation of S727-STAT3 and S294-PR transcription factors that favors their co-recruitment in the promoter region of KLF4 stemness reprogramming gene

## PR Restricts Immune Recognition of Cancer Cells<sup>2</sup>



- Antiprogestins onapristone and mifepristone inhibited tumor growth in syngeneic (67NR-PR) tumor model in BALB/C mice
- Antiprogestins had limited tumor growth inhibition in immune-deficient (NOD/SCID) mice (data not shown)

# **Completed Clinical Trials**

#### Summary of select clinical trials evaluating onapristone with IR or XR formulation

Onapristone Treatment	Stage	Patients (n)	Clinical Indication	Prior Treatments Median (range)	Biomarker	Data
IR (100 mg QD)	Ph 2	19	Breast Cancer First line (1L) advanced or metastatic	Hormone naïve		56% ORR <sup>1</sup> 67% CBR 14.0 month PFS
IR (100 mg QD)	Ph 2	101	Breast Cancer Second line (2L) advanced or metastatic	1 (1-2)		10% ORR <sup>2</sup> 48% CBR 4.0 month PFS
XR (50 mg BID)	Ph 2	14	Granulosa Cell Tumor of Ovary Advanced or Metastatic	4 (2-17)	PR+	35% CBR <sup>3</sup> 12 month PFS rate of 20%
XR (10-50 mg BID)	Ph 1	13	Ovarian Cancer Advanced or Metastatic	4 (2-10)	PR+	8% ORR <sup>4</sup> 6 month PFS rate of 31%
XR (10-50 mg BID)	Ph 1	20	Breast Cancer Advanced or Metastatic	9 (2-14)	PR+	25% DCR <sup>4</sup> 6 month PFS rate of 15%

IR = immediate release; XR = extended release 1 Robertson, Eur J Cancer, 1999

<sup>3</sup> Grisham, ASCO Annual Meeting 2022 4 Cottu, PLoS One, 2018

<sup>2</sup> Jonat, Endocrine Therapy of Breast Cancer, 2002

# **Key Ongoing Clinical Trials**

Treatment	Stage	Patients (n)	Clinical Indication	Biomarker	Key Inclusion and Exclusion Criteria	Collaborator	Data Update <sup>1</sup>
ONA-XR + Anastrozole	Ph 2	25	Endometrial Cancer	PR+	Must have received at least one prior treatment with a platinum/taxane chemotherapy	Jefferson HOME OF SIDNEY KIMMEL MEDICAL COLLEGE	<ul><li>12 patients enrolled</li><li>4-month PFS rate of 77%</li><li>No treatment-related SAE</li></ul>
ONA-XR + Anastrozole	Ph 2	25	Granulosa Cell Tumor of the Ovary	PR+	Must have received at least one prior chemotherapy regimen	Memorial Sloan Kettering Cancer Center.	<ul><li>14 patients enrolled</li><li>No treatment-related SAE</li></ul>
ONA-XR + Fulvestrant	Ph 2	39	Breast Cancer (2L/3L) SMILE Trial	PR+	<ul> <li>Must have received prior CDK4/6 inhibitor therapy</li> <li>One line of prior chemotherapy in metastatic setting allowed</li> </ul>	Carbone Cancer Center UNIVERSITY OF WISCONSIN SCHOOL OF MEDICINE AND PUBLIC HEALTH	
ONA-XR + Elacestrant	Ph 1b/2	67	Breast Cancer (2L/3L) ELONA Trial	PR+	<ul> <li>Must have received prior CDK4/6 inhibitor therapy</li> <li>≥50% patients with ESR1 mutant</li> <li>No prior chemotherapy in metastatic setting</li> </ul>	MENARINI group	



### **Endometrial Cancer**

#### Endometrial cancer is the 4th most common cancer in women

- Endometrial cancer is on the rise and is linked to obestiy<sup>1,2</sup>
- ~13,000 patient deaths per year in the US<sup>3</sup>
- Market is projected to grow from \$1.5bn in 2020 to \$5.1bn in 2029<sup>5</sup>

#### Hormone signaling is a driver of endometrial cancer

Endometrial cancer is thought to be caused by excess hormone production that leads to endometrial hyperplasia and cancer

#### Chemotherapy and surgery remain first line treatments

- Primary treatment includes surgical removal of uterus, ovaries, and fallopian tubes followed by platinum/taxane chemotherapy
- PD-1 antibodies (Keytruda, Jemperli) were recently approved in MSI-H and dMMR genetic subpopulations post-chemotherapy (~13-30% of population)<sup>5</sup>
- Lenvima + Keytruda combination therapy is approved post-chemotherapy, however, tolerability can be challenging for patients<sup>6</sup>

#### Antiestrogen therapy is currently used off-label

Hormonal therapy is an alternative treatment for patients who wish to preserve their fertility, and for those with metastatic or recurrent disease without curative options



~14,000 patients have recurrent endometrial cancer that cannot be fully removed via surgery<sup>2</sup>

34%

Of endometrial cancer patients are PR+4

<sup>1</sup> American Cancer Society, Endometrial Cancer Risk Factors. (accessed Nov. 4, 2022)

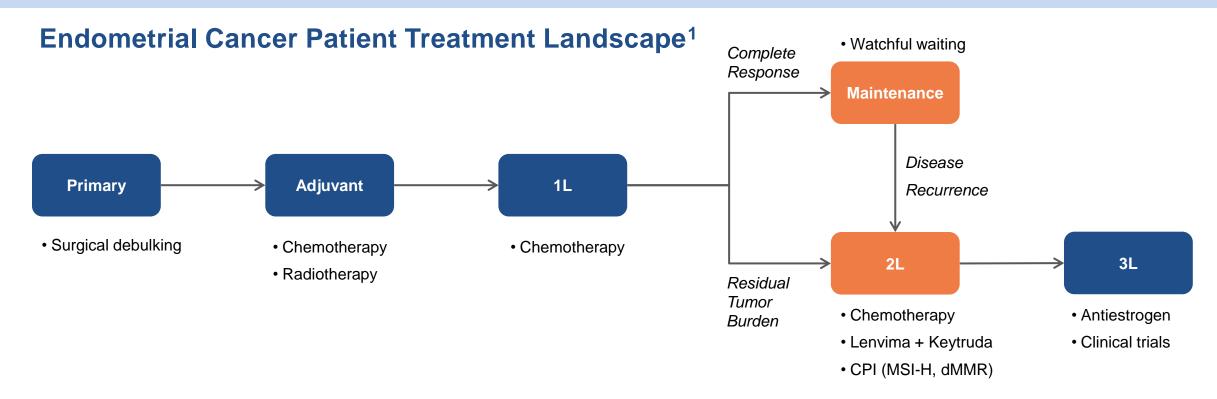
<sup>2</sup> Epic Oncology (Incidence, 1st/ 2nd line treated); epic Oncology physician survey 2019

<sup>3</sup> Nation Cancer Institute, Endometrial Cancer Incidence Rising in the US and Worldwide (accessed Nov. 4, 2022)

<sup>4</sup> Høgdall, Oncol Rep. 2007

<sup>5</sup> Vinuesa and Webster, Nat Rev Drug Disc, 2022

<sup>6</sup> Makker, NEJM, 2022





- Standard of Care (SOC) is carboplatin + paclitaxel
- mPFS of ~12 months

## Second Line (2L)

- Treatment goal is disease stabilization for 4-6 months
- Lenvima + Keytruda poor tolerability associated with high discontinuation rate in patients

## Maintenance Line

- No approved therapies
- Treatment goal is disease stabilization for ≥4 months and to provide a high quality of life

## **Potential Target Indications for ONA-XR**

## Third Line (3L)

Limited treatment options

## ONA-XR + Anastrozole in PR+ Endometrial Cancer<sup>1</sup>

#### **Ongoing Phase 2 Trial**

- Investigator-initiated, open label, multi-center, trial evaluating ONA-XR 50 mg BID in combination with the antiestrogen anastrozole 1 mg QD administered orally to treat women with ER+/PR+ endometrial adenocarcinoma who have received at least one prior platinum/taxane-based chemotherapy regimen
- Co-primary endpoints: 4-month PFS and ORR
- Secondary endpoints: DCR, DoR, safety, and quality of life

#### **Efficacy**

- The study has enrolled 12 of 25 planned patients
- 9 patients have completed at least one month of treatment
- 4-month PFS rate was 77%
- 12-month PFS rate was 33%
- 7 patients remain on the trial

#### Safety

- There have been no treatment-related serious adverse events reported
- Updated data anticipated in mid-2023

# **Benchmarking Against Single Agents**

	ONA-XR + Anastrozole	ONA-XR	Anastrozole
Trial	Schilder (ongoing) <sup>1</sup>	Cottu 2018 <sup>2</sup>	PARAGON 2019 <sup>3</sup>
Patients (n)	12 (9 evaluable)	12	54
Lines of Prior Chemotherapy, n (%) 1 ≥2	8 (66) 4 (33)	4 (33) 8 (66)	50 (93) 4 (7)
Treatment free interval (TFI) ≥6 months, n (%)	4 (33)	1 (8)	36 (70)
4-month PFS rate, n (%)	7 (77)	4 (33)	ND
12-month PFS rate, n (%)	3 (33)	1 (8)	4 (7)
mPFS (95% CI), months	NE	2.0 (1.7-5.3)	2.7 (1.9-4.5)
Side Effects	Well tolerated	Well tolerated	Well tolerated

<sup>1</sup> Data cut off as of September 30, 2022; preliminary raw data

<sup>2</sup> Cottu, PLoS One, 2018

<sup>3</sup> Mileshkin, Gyn Onc, 2019



# Claudin 6 (CLDN6) is an Emerging Oncology Target

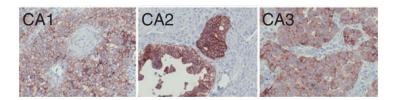
Opportunity	<ul> <li>CLDN6 is a tumor-specific protein that is present at high surface density across adult and pediatric cancers¹</li> <li>CLDN6 is expressed at very low levels or absent from normal adult tissue</li> </ul>
Challenge	<ul> <li>CLDN6 antigen is conformationally-dependent, which limits the utility of traditional antibody discovery approaches</li> <li>Antigen binding region is highly conserved with CLDN3, CLDN4, and CLDN9</li> <li>CLDN6 selectivity is required to avoid off-target liabilities identified in murine knockout studies with CLDN3 (pancreas), CLDN4 (kidney, pancreas), and CLDN9 (ear, gut)</li> </ul>
Target Validation	<ul> <li>BNT211 CAR-T establishes Proof of Concept<sup>2</sup>:         <ul> <li>Novel CAR-T + mRNA vaccine evaluated in Phase 1 dose-escalation study in CLDN6+ solid tumors</li> <li>50% response rate (ORR) in second dosing cohort</li> </ul> </li> </ul>
Unmet Need	<ul> <li>Selectivity: preferentially target CLDN6 over other CLDN proteins</li> <li>Potency: specific lysis of CLDN6+ cancer cells over normal cells</li> <li>Safety: activation of cytotoxic T cells without concomitant activation of free cytokines</li> <li>Manufacturability: scalable process</li> </ul>

# **CLDN6** is Selectively Expressed on Cancer Cells

# **Normal Tissue**

#### (a) adrenal gland, (b) fallopian tube, (c) kidney, (d) liver, (e) thyroid, (f) prostate, (g) esophagus, (h) stomach, (i) colon, (j) cerebrum, (k) cerebellum, (l) spinal cord. (m) thymus, (n) spleen, (o) bone marrow, (p) pancreas, (q) skin, (r) bladder, (s) placenta, (t) heart muscle, (u) striated muscle, (v) testis, (w) ovary, (x) lung

#### **Cancer Tissue**



(CA1) testicular cancer, (CA2) ovarian cancer, and (CA3) lung cancer

Reinhard, Science, 2020

## **CLDN6** Has the Potential to Reach a Large Patient Population

~62,500 patients per year in the US only in Relapse/Refractory Setting

#### Initial indications of interest based on:

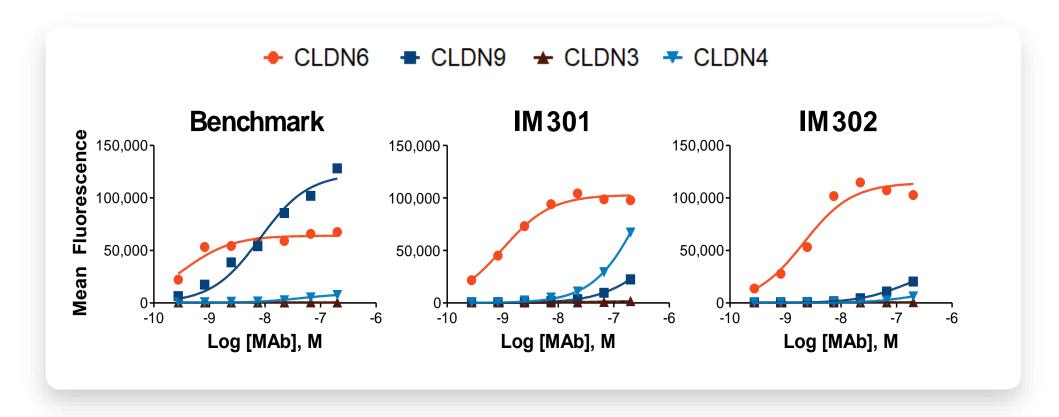
- CLDN6 prevalence
- Patient population size
- Observed clinical responses
- Eligibility for Orphan or Rare Pediatric Designation

Selected Cancer indications	Incidence	R/R Incidence	CLDN6 Positive	Patient Population Based on R/R Incidence
Testicular	9,910	400	95% <sup>1</sup>	380
Ovarian	19,900	12,800	54-55% <sup>1,2</sup>	6,982
NSCLC	201,229	110,653	6-50% <sup>3,4,5</sup>	35,221
Malignant Rhabdoid	50	500	29-44%1,2,6,7	183
Gastric	26,380	11,090	13-55% <sup>8,9</sup>	3,771
Breast	290,600	43,800	2-41%1,10,11	9,417
Endometrial	65,900	12,500	20-31% <sup>1,12,13</sup>	3,188
Glioma	19,000	10,000	21%8	2,100
Bladder	81,180	17,100	2-8%1,13	855
SCLC	35,511	19,527	2%1	391

<sup>1</sup> Reinhard, Science, 2020; 2 Wang, Diagn Pathol., 2013; 3 Gao, Oncol Lett., 2013; 4 Kohmoto, Gastric Cancer, 2020; 5 Lin, Diagn Pathol., 2013; 6 Micke, Intl J Cancer, 2014; 7 Soini, Pol J Path, 2022; 8 Antonelli, Brain Pathol., 2011; 9 Sullivan, Am J Surg Pathol., 2012; 10 Jia, Intl J Clin Exp Pathol., 2019; 11 Yafang, J Breast Cancer, 2011; 12 Kojima, Cancers, 2020; 13 Ushiku, Histopath., 2012

Incidences based on public estimates; Relapsed/refractory (R/R) or last-line patient population approximated by annual mortality; CLDN6 target prevalence is based on IHC or RNAseq from published reports. Patient population derived from midpoint of CLDN6 positive population multiplied by R/R incident population.

## Context Antibodies Display High Selectivity for CLDN6<sup>1</sup>

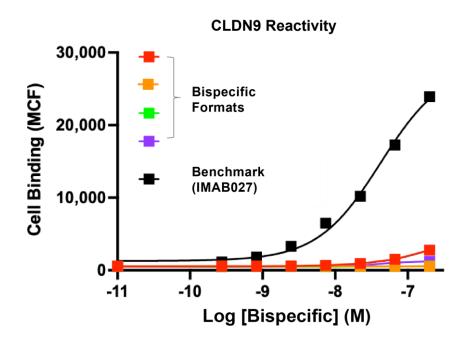


#### **Key Takeaways**

- Benchmark (IMAB027/ASP1650; Astellas/Ganymed) exhibits off-target binding to CLDN9
- 1st generation Context mAb (IM301, IM302) exhibit high CLDN6 selectivity
- 2<sup>nd</sup> generation Context mAb exhibit even greater CLDN6 selectivity than IM301 and IM302 (data not shown)

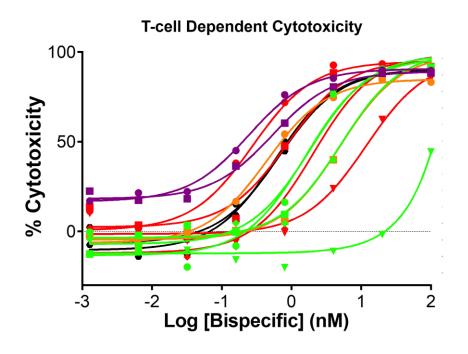
## **Development of Selective and Potent CLDN6 Bispecific Antibodies**

#### Bispecific antibodies retain high CLDN6 specificity<sup>1</sup>



- A diverse set of bispecific formats were evaluated, represented by a different color (red, orange, green, purple)
- Binding to CLDN9 was not affected by Context bispecific format and was markedly lower compared to IMAB027 (black)

#### Bispecifics induce robust T-cell dependent cytotoxicity<sup>1</sup>



- A diverse set of bispecific formats and derivatives thereof effectively induced T-cell dependent cell killing in OV90 ovarian tumor cells
- Certain bispecific formats (green) and derivatives thereof were less potent (purple) than others



## **Experienced Leadership Team**



**Martin Lehr CEO** and Director









Jennifer Minai, CPA Chief Financial Officer









Chris Beck, MBA **SVP Operations** 









Alex Levit, Esq Chief Legal Officer



ReedSmith



Tarek Sahmoud, MD, PhD Chief Medical Officer









Priya Marreddy, MS **VP Clinical Operations** 



## **Focus on Execution**

Experienced team with deep oncology experience

Our CMO led the clinical development of multiple blockbuster drugs for female cancers, including Kisqali, Arimidex, and Afinitor

Our management team is supported by a Board with strong public company operating and governance experience

# **Recent and Key Anticipated Milestones**

ONA-XR	1H 2022	2H 2022	2023	2024
Breast – AACR preclinical update	<b>⋖</b>			
Breast – ELONA trial initiation		<b>⋖</b>		
Endometrial – Phase 2 initial data		<b>~</b>		
Granulosa Cell – Phase 2 initial data		<b>~</b>		
Breast – SMILE trial initial Phase 2 data				
Breast – ELONA trial Phase 1b data				

Claudin 6	1H 2022	2H 2022	2023	2024
Candidate selection				
IND submission				

# **Investment Highlights**



Large

**Unmet Need** 

Female Cancers



Progesterone Receptor and Claudin 6



**Near-Term Milestones** 

Multiple Data Readouts in Q4 2022



**Strong Team** 

Deep Domain Experience, Track Record of Success



# **Financial** Strength

**Expected Cash** Runway into Q1 2024



# **Abbreviations**

С	linical Trial Efficacy
CBR (CR+PR+ SD ≥6 mos)	Clinical benefit rate
CR	Complete response
DCR (CR+PR+ SD)	Disease control rate
DoR	Duration of response
mPFS	Median PFS
ORR (CR+PR)	Overall response rate
PFS	Progression free survival
SD	Stable disease
95% CI	95% confidence interval

	Clinical Trial Safety
AE	Adverse event
DLT	Dose-limiting toxicity
TRAE	Treatment-related adverse event
SAE	Serious adverse event
	Diseases

Breast cancer

Granulosa cell tumor

Small cell lung cancer

Non-small cell lung cancer

вс

GCT

**NSCLC** 

SCLC

1L	First Line
2L	Second Line
BID	Twice per day
СРІ	Checkpoint inhibitor
dMMR	DNA mismatch repair
ER	Estrogen receptor
mAb	Monoclonal antibody
MSI-H	Microsatellite instability high
ND	Not determined
NE	Not evaluable
PK	Pharmacokinetics
PR	Progesterone receptor
QD	Once per day
QOL	Quality of life
soc	Standard of care
TFI	Treatment free interval

Other Terms

Approved Drugs Mentioned			
Jemperli	Dostarlimab-gxly (GSK)		
Lenvima	Lenvatinib (Eisai)		
Keytruda	Pembrolizumab (Merck)		

Medical Organizations / Conferences		
AACR	American Association for Cancer Research	
ASCO	American Society of Clinical Oncology	
ESMO	European Society for Medical Oncology	
SABCS	San Antonio Breast Cancer Symposium	