

# Advancing Medicines For Female Cancers

Context Therapeutics Inc.

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# **Executive Summary**

Our Focus	→ Women's oncology
Lead Asset: ONA-XR	<ul> <li>→ Onapristone extended release (ONA-XR)</li> <li>→ ONA-XR is a full progesterone receptor (PR) antagonist</li> <li>→ PR oncogenic signaling associated with breast, ovarian, and endometrial cancer</li> </ul>
Focus on Execution	<ul> <li>→ ONA-XR in multiple clinical trials:</li> <li>• Three Phase 2 trials</li> <li>• One Phase 1b/2 trial</li> <li>• Two Phase 0 biomarker studies</li> </ul>
Path Forward	<ul> <li>→ ONA-XR has been administered in over 128 subjects-to-date</li> <li>• Appears to be well tolerated and shows efficacy supporting continued development</li> <li>• Designed to potentially enhance current therapeutics and reduce resistance to antiestrogen therapy</li> <li>• Straightforward clinical development plan</li> </ul>



# Progesterone Receptors Antagonism: Ready for Prime Time



There is heightened interest in PR antagonists (PRAs) for treating hormone-dependent cancers due to new mechanistic understandings of PR oncogenic signaling

Development of PRAs hindered by PK issues, poor selectivity, and mixed agonist/antagonist properties ONA-XR is designed to address prior limitations of PRAs

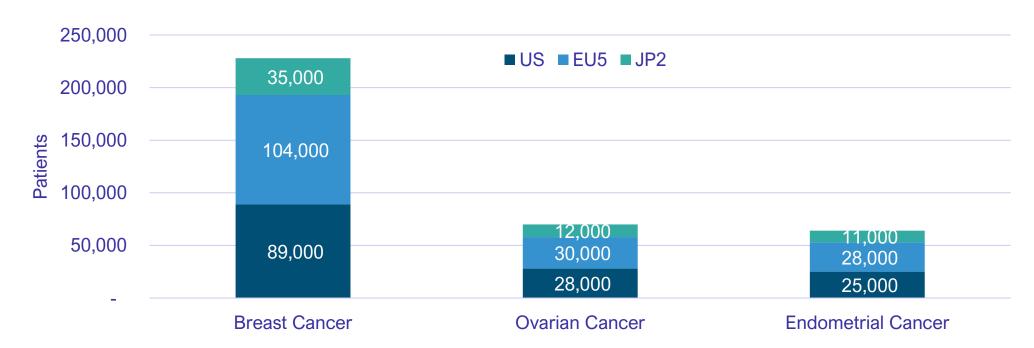
ONA-XR is an opportunity to realize the potential of progesterone receptor antagonists in oncology



# **Market Opportunity for Lead Program (ONA-XR)**

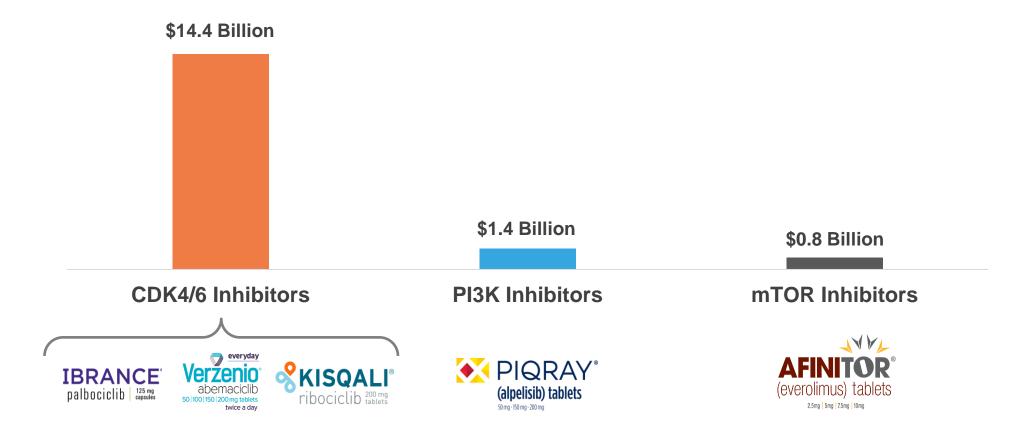
- We target large, underserved markets
- Within the G7 countries, over 355,000 patients are living with metastatic breast, ovarian, or endometrial cancer
- Based upon published data, up to 70% of these patients are potentially eligible for ONA-XR treatment

#### Prevalence of Metastatic Female Hormone-Driven Cancers in G7 Countries (EU5, Japan, US)



# **Recent Drug Launches**

- Since 2012, there have been 5 major drug approvals, as shown below, for hormone-dependent breast cancer
- We believe that ONA-XR will be additive or synergistic with these recently approved drugs, leading to a billiondollar plus peak sales potential





#### **Focus on Execution**

- We believe that clinical development of ONA-XR is primarily a function of exacting clinical execution
- Context has an experienced management team
- 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

#### Management



Praesidia
BIOLOGICS

Cure
Duchenne

OSAGE
INMERSITY PARTIES

Martin Lehr CEO and Director

- · Director, Praesidia Biologics
- · Director, CureDuchenne Ventures
- · Senior Associate, Osage University Partners



Jennifer Minai, CPA Chief Financial Officer

- · CFO, Millendo Therapeutics
- · Dir, Parexel
- · Auditor, Ernst & Young



teva
ReedSmith

Alex Levit, Esq Chief Legal Officer

- · Deputy GC, OptiNose
- · Associate GC, Teva
- Associate, Reed Smith



Tarek Sahmoud, MD, PhD Chief Medical Officer

- · President, OncoStrategy LLC
- · CMO, H3 Biomedicines
- · SVP, Celgene
- · SVP, Novartis Oncology





**Evan Dick, PhD** SVP R&D

- · SVP, Aclaris Therapeutics
- SVP, Ralexar Therapeutics
- SVP, Ceptaris Therapeutics
- SVP, Ception Therapeutics





**Bill Rencher, PhD**Head of CMC and Regulatory

- President, Drug Development Solutions LLC
- · Senior Director, Fulcrum Pharma Dev
- Director, CONRAD Program
- Assoc. Director, Schering Plough

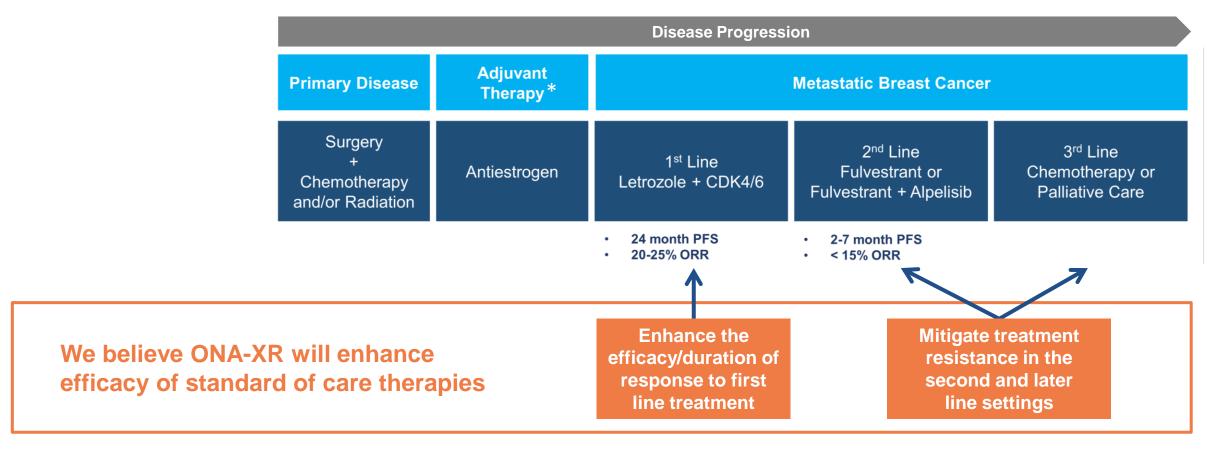




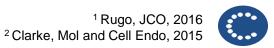


#### ONA-XR is Being Developed to Enhance SOC Efficacy in Hormone-dependent Breast Cancer

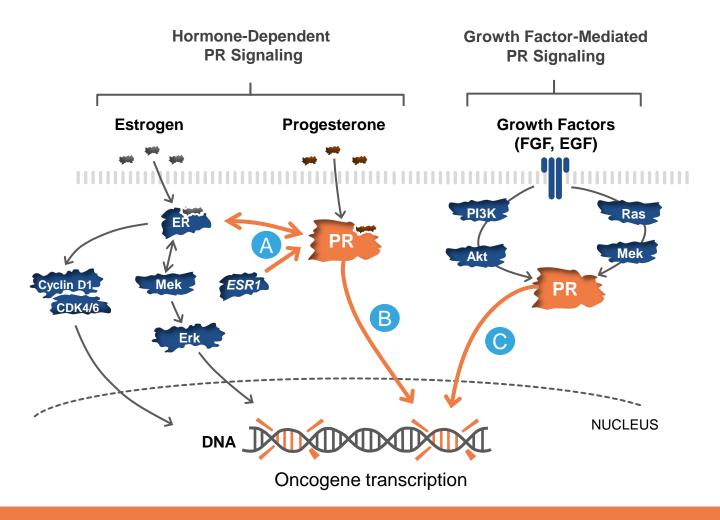
- The current standard of care (SOC) for **primary**, hormone-dependent breast cancer (ER+,PR+,HER2-) is **antiestrogen** therapy
- The current 1st line SOC treatment for metastatic breast cancer is antiestrogen therapy plus a CDK4/6 inhibitor1
- Current therapeutic options are limited for patients whose disease continues to progress after 1<sup>st</sup> line therapy<sup>2</sup>
- ONA-XR has the potential to enhance the efficacy of 1st line therapy, as well as that of 2nd line and later line treatments



<sup>\*</sup> Adjuvant therapy is therapy that is given in addition to the primary or initial therapy to maximize its effectiveness.



# **Progesterone Receptor (PR) Signaling is Oncogenic**



Oncogenic PR signaling is associated with:

- Cancer initiation<sup>1</sup>
- Metastatic spread<sup>2</sup>
- Resistance to current therapies<sup>2,3</sup>

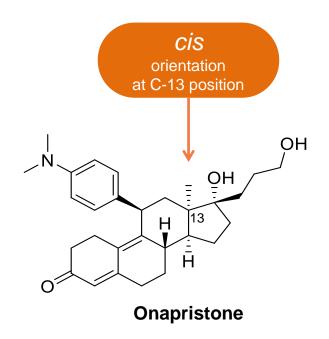
Oncogenic PR signaling can be driven by:

- Wild-type or mutant estrogen receptor (ER) receptor activity
- Progesterone-mediated signaling
- Growth factor-mediated signaling

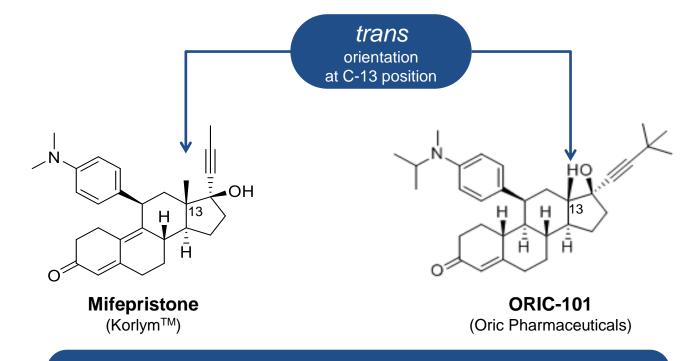
Onapristone blocks all forms of PR signaling

# Stereochemical Basis of Onapristone's Full PR Antagonism

- → Onapristone is the only full PR antagonist (PRA) from among all clinically evaluated PRAs
  - Full PR antagonism means it exhibits no PR agonist activity
- → Onapristone's full PRA activity is attributed, in part, to a unique spatial orientation or "stereochemistry"
  - The methyl group at the C-13 position is in a *cis* orientation for ONA compared to a *trans* orientation for all other drugs in its class



**Full PR antagonist** 

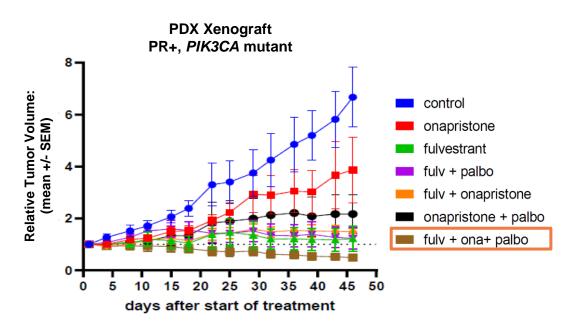


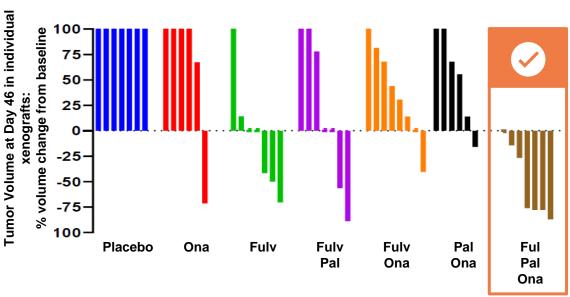
**Mixed PR agonist-antagonist** 



### **Patient-Derived Xenograft Data**

Addition of onapristone to standard of care drugs enhanced tumor regression





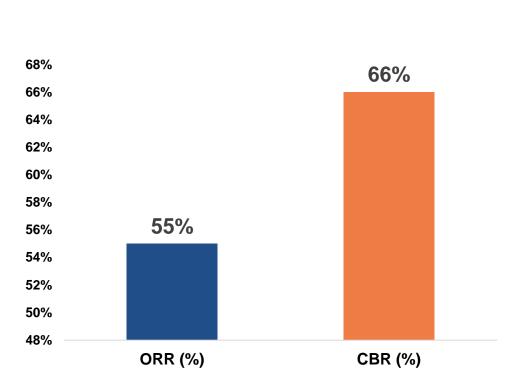
Triplet treatment: fulvestrant, onapristone, palbociclib

- → Onapristone, in triplet with standard of care drugs, produced a statistically significant enhancement of tumor regression compared to monotherapy and combination arms
- → Patient-derived xenograft (PDX) data supports the clinical evaluation of ONA-XR in combination with CDK4/6 inhibitors plus antiestrogen therapy



# Promising Evidence of Clinical Efficacy as a First-Line Rx in Breast Cancer

# Onapristone Immediate Release (ONA-IR) as First Line Therapy

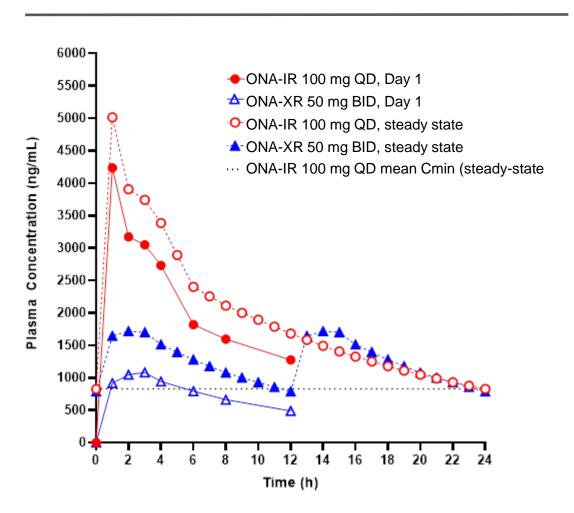


overall response rate (ORR) and clinical benefit rate (CBR) in locally advanced or metastatic breast cancer <sup>1</sup>

- → Onapristone in an immediate release formulation (ONA-IR) had a meaningful impact on treatment of hormone-dependent breast cancer
- → In 1999, Robertson et al reported that ONA-IR showed promising efficacy as a first line therapy for localized or metastatic breast cancer, but with "...transient liver function test abnormalities" <sup>1</sup>
- → ONA-XR was designed to minimize liver function test abnormalities and enable onapristone to be evaluated again, for efficacy/safety in hormonedependent cancers

# **ONA-XR Was Designed to Improve Therapeutic Window of ONA-IR**

# ONA-XR versus ONA-IR: plasma onapristone concentrations at Day 1 and at steady-state<sup>1</sup>

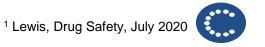


- → PK dataset enabled a direct comparison between C<sub>max</sub> and steady-state trough concentrations (C<sub>min-ss</sub>) ONA-IR 100mg QD and ONA-XR 50mg BID
- $\rightarrow$  Dosing with ONA-XR resulted in a steady-state  $C_{max}$  almost 3X lower than for ONA-IR
- → Steady-state C<sub>min</sub> was similar for both onapristone formulations



#### Compared to ONA-IR, ONA-XR has:

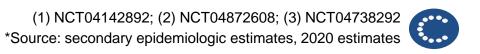
- Lower peak drug concentration (C<sub>max</sub>) to improve tolerability
- Similar trough drug concentration (C<sub>min</sub>) to maintain target coverage and efficacy



### **ONA-XR Evaluation in Breast Cancer Trials**

Treatment Line	Context Trial	Trial Status	Estimated Patients (US)*	Standard of Care (SOC)	Medical Need
Adjuvant (after primary disease treatment)	Window of Opportunity <sup>1</sup>	Enrollment Completed; Presentation Q4 2021	>>250,000	Antiestrogen	Enhance antiestrogen potency; decrease progression to TNBC
First-Line Metastatic	1L ER+,PR+,HER2- (ctDNA <sup>high</sup> ) <sup>2</sup>	Enrolling Patients	75,000	Antiestrogen + CDK4/6i	Identify and treat 20% of patients who are at high risk of early relapse
Second / Third Line Metastatic	2L/3L ER+,PR+,HER2- (post-CDK4/6i) <sup>3</sup>	Enrolling Patients	35,000	Fulvestrant or Fulvestrant + PI3Ka	Weak tumor response to current SOC

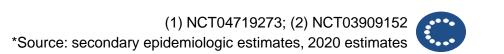
Our breast cancer trials build upon positive Phase 1-2 data from ONA-IR trials



# **ONA-XR Evaluation in Gynecologic Trials**

Cancer	Context Trial	Trial Status	Estimated Patients (US)*	Standa (SOC)
Recurrent Endometrial	Combination with Anastrozole in PR+ patients <sup>1</sup>	Enrolling Patients	25,000	Lenvima
Recurrent Granulosa Cell Tumor of Ovary	Combination with Anastrozole in PR+ patients <sup>2</sup>	Monotherapy Phase Complete; Combination Study Enrolling Patients	5,000	Physician'

# Focused on gynecologic malignancies where PR is a known driver



# Granulosa Cell Tumor (GCT) of Ovary: A White Space Opportunity

#### GCT of Ovary are Rare Tumors

- Estimated 5,000 patients with recurrent disease in US<sup>3</sup>
- Almost 100% are progesterone receptor (PR) positive<sup>1,2</sup>

#### Current Treatment Options are Limited

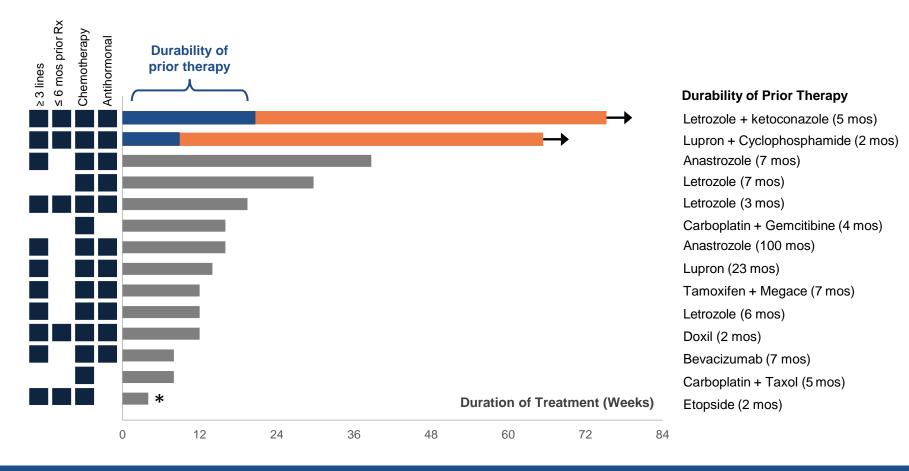
- Primary treatment is cytoreductive surgery and platinum-based chemotherapy<sup>3</sup>
- No FDA approved treatments for recurrent GCT<sup>3</sup>
- Antiestrogen use is common, but rarely results in tumor shrinkage<sup>4</sup>

#### Program Status and Next Steps

- Completed enrollment of late line patients with ONA-XR monotherapy (n = 14 patients)
- Ongoing treatment of early line patients with ONA-XR plus antiestrogen therapy (n = 25 patients)

### Context has the only open clinical trial in the United States

### **ONA-XR** in Late Line Granulosa Cell Tumors of the Ovary



Prior Therapies	%, Median (Range)
Overall	4 (1-17)
Chemotherapy	1.5 (1-8)
Antiestrogen	2.5 (0-11)

Prior Response	% (n)
Treatment Free Interval	
< 6 months	93% (13)
6-12 months	0% (0)
> 12 months	7% (1)

Response	% (n)
Stable Disease	64% (9)
Progressive Disease	29% (4)
Not Assessed	7% (1)

Overall Durability	% (n)
Pts on study ≥ 16 weeks	42% (6)
Pts on study ≥ 24 weeks	29% (4)

Late line data supports evaluating **ONA-XR** earlier in patient treatment

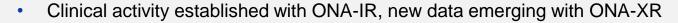


- → Two patients remain on therapy with stable disease
- → 64% of patients had stable disease
- → Excellent safety and tolerability

### **Summary**

#### **ONA-XR**







ONA-XR has superior safety profile to ONA-IR

IP protection through at least 2034

### Market **Opportunity**



- Hormone-dependent cancer (breast, ovarian, endometrial) are large and growing markets
- Progesterone receptor antagonism (PRA) represents a new approach
- PRA may be used alone or in combination to enhance the efficacy/durability of therapeutics used as the standard of care

#### Value Creation



- Three Phase 2 trials
- One Phase 1b/2 trial
- Two Phase 0 biomarker trials
- Incorporation of ctDNA for an early read on clinical response to ONA-XR





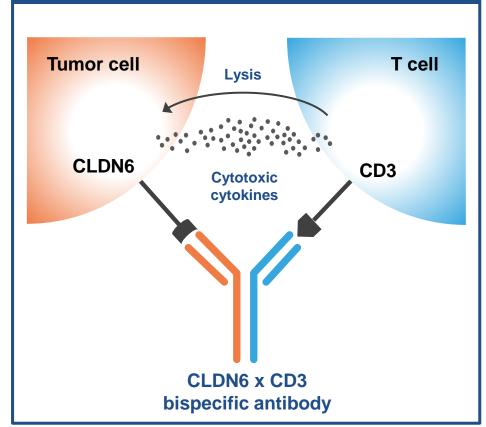


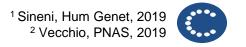
# **CLDN6** x CD3 Bispecific Antibody

#### A "pure" cancer target

- Claudin-6 (CLDN6) is an oncofetal protein expressed in several tumor types, but NOT in normal adult tissues
- Claudin-6 is expressed in ovarian, endometrial, lung, and gastric cancers
- Target selectivity is a challenge and a differentiator in the field
  - CLDN6 is structurally similar to CLDN9, differing by only 3 amino acids in the extracellular domain
  - Target selectivity is paramount, because CLDN9 is required for normal hearing and maintenance of the gut<sup>1,2</sup>
- Precedent for targeting a claudin-family oncofetal protein
  - In adults, CLDN18.2 is expressed in gastric and pancreatic adenocarcinomas, but otherwise limited to the epithelium of the stomach
  - Strong results treating gastric cancers with naked anti-CLDN18.2, as well as
     CLDN18.2-based bispecific antibodies has led to an expansion to 24 clinical trials
  - The technical principles for targeting CLDN6 are very similar to those for targeting CLDN18.2

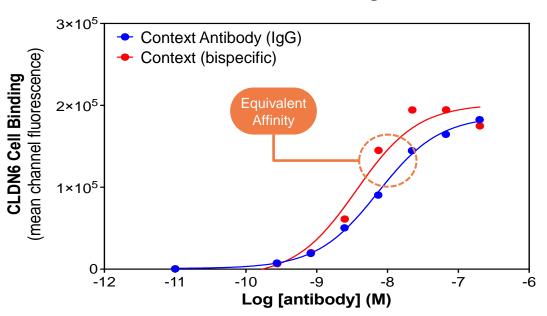
The bispecific antibody simultaneously binds to a CLDN6-expressing tumor cell and a cytotoxic T-cell. This brings the T-cell into close proximity to the tumor cell, triggering tumor cell apoptosis via the release of cytotoxic elements.





# **CLDN6 x CD3 Bispecific Retains Selectivity of Parental mAb**

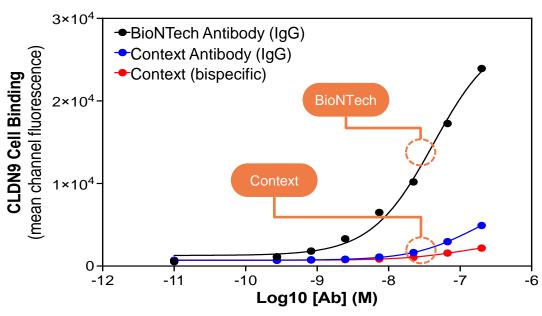
#### **CLDN6** Binding



Anti-CLDN6 mAb *versus* CLDN6xCD3 bispecific antibody: binding to CLDN6-expressing cells

→ CLDN6 binding affinity of bispecific *is not significantly different* from its parental anti-CLDN6 mAb

#### **CLDN9** Binding

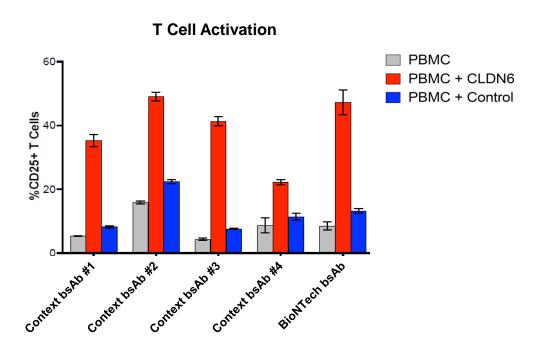


Anti-CLDN6 mAbs *versus* CLDN6xCD3 bispecific antibody: binding to CLDN9-expressing cells

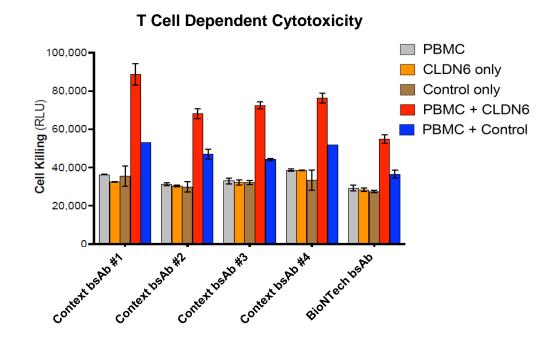
- → CLDN9 binding of Context bispecific is not significantly different from that of its parent anti-CLDN6 mAb
- → BioNTech mAb shows higher CLDN9 binding than either the parent Context mAb or the Context bispecific antibody



# Context Bispecifics Activate T Cells Against CLDN6+ Cells



- Context bispecifics activate T-cells as determined by T-cell expression of CD25
- Background activation (PBMCs alone) is not significantly different from PBMCs plus a control bispecific
- Significant activation is seen in the presence of PBMCs plus either Context CLDN6xCD3 bispecifics or the BioNTech bispecific (red bars)



- Context bispecifics drive T-cell dependent cytotoxicity
- Background cytotoxicity (PBMCs alone) is not significantly different from the several controls
- Significant cytotoxicity is seen in the presence of PBMCs plus either Context CLDN6xCD3 bispecifics or the BioNTech bispecific (red bars)

Context CLDN6-selective bispecifics induce T-cell activation and T-cell mediated cytotoxicity against CLDN6-expressing cells



# **Competitive Landscape/Advantage**

- Context anti-CLDN6 binding is at least 10x more selective vs. CLDN9 than competitive anti-CLDN6 mAbs and bispecifics
- CLDN6:CLDN9 binding selectivity is a critical safety factor for CLDN6-targeted bispecific antibodies

	Context	Xencor	BioNTech
Program	Confidential	Confidential	BNT211 BNT142
Antibody Format	CLDN6xCD3 Bispecific	CLDN6xCD3 Bispecific	CLDN6 CAR-T, CLDN6xCD3 (bi(sFc))
Stage	Preclinical	Preclinical	Phase 1, Phase 1
Status	Active	Active	Active <sup>2</sup>
Selectivity CLDN6:9	>100x	10x <sup>1</sup>	7x

The Company has performed head-to-head in vitro studies comparing BioNTech CLDN6 monoclonal antibodies. These antibodies were derived from publicly available reports published independent of the Company and may differ in material ways from the actual antibody that is in development.



# **Summary**



Claudin-6 is a tumor-specific protein in adults



Integrating Claudin-6 binding with the CD3 T-cell engager couples immunotherapy to tumor specific targeting



Opportunity to be 1<sup>st</sup>/2<sup>nd</sup> in market based on current competition



**Entering IND-enabling studies in 2022** 







# **Pipeline**

Cancer	Clinical Indication	Research Phase 1	Phase 2	Phase 3	Upcoming Milestones	FDA Fast Track	
ONA-XR (PR a	ONA-XR (PR antagonist) <sup>1</sup>						
Breast	1L ER+,PR+,HER2- ctDNA <sup>high</sup>	Phase 1b/2 Trial			<ul> <li>Phase 1b data 1H 2022</li> </ul>		
Cancer	2L/3L ER+,PR+,HER2- Post-CDK4/6 inhibitor	Phase 2 Trial			Preliminary data 2H 2022		
Ovarian Cancer	Recurrent PR+ Granulosa Cell	Phase 2 Trial			Preliminary data Mid 2022	$\bigcirc$	
Endometrial Cancer	Recurrent PR+ Endometrioid	Phase 2 Trial			Preliminary data 2H 2022		
CLDN6xCD3 b	CLDN6xCD3 bispecific antibody						
	Ovarian & Endometrial Cancer				IND enabling studies 2022		



# **Upcoming Milestones**

ONA-XR	Q3 2021	Q4 2021	1H 2022	2H 2022
Breast – 1L (ctDNA enriched) Phase 1b trial update				
Breast – 2L/3L (post-CDK4/6) Phase 2 trial update				
Breast – Window of Opportunity data presentation				
Breast – PDX mechanism of action data				
Granulosa Cell – monotherapy Phase 2 trial update				
Granulosa Cell – combination Phase 2 trial update				
Endometrial – Phase 2 trial update				
Claudin 6	Q3 2021	Q4 2021	1H 2022	2H 2022
Nominate clinical development candidate				



# **Investment Highlights**

Large Unmet Need	Female Cancers
High Value Targets	Progesterone Receptor and Claudin 6
Lead Product Candidate	ONA-XR Being Evaluated in Multiple Phase 2 Trials
Strong Team	Deep Domain Experience, Track Record of Success
Near-Term Milestones	Multiple Data Readouts in 2022





# Advancing Medicines for Female Cancers