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Forward-looking statements



This presentation and the accompanying oral commentary contain "forward-looking" statements within the meaning of the Private Securities Litigation Reform Act of 1995. Words such as "may," "will," "expect," "plan," "anticipate," "estimate," "intend" and similar expressions (as well as other words or expressions referencing future events, conditions or circumstances) are intended to identify forward-looking statements. Forward-looking statements in this presentation include, but are not limited to the following: the therapeutic potential of trilaciclib, lerociclib and G1T48; initial success in our ongoing clinical trials may not be indicative of results obtained when these trials are completed or in later stage trials; our development of trilaciclib to reduce chemotherapy-induced myelosuppression is novel, unproven and rapidly evolving and may never lead to a marketable product; our product candidates may cause undesirable side effects that could delay or prevent their marketing approval, limit the commercial profile of an approved label, or result in significant negative consequences following marketing approval, if any; we may not have the ability to recruit, enroll and complete clinical trials for, obtain approvals for, or commercialize any of our product candidates; we face substantial competition, which may result in others discovering, developing or commercializing competing products before or more successfully than we do; we may incur additional costs or experience delays in completing clinical trials; future legislation may increase the difficulty and cost for us to obtain marketing approval of and commercialize our product candidates and affect the prices we may obtain; and market conditions. Each of these forward-looking statements involves risks and uncertainties and are based on our expectations and assumptions as of the date of this presentation. Factors that may cause our actual results to differ from those expressed or implied in the forward-looking statements in this presentation are further discussed in our filings with the U.S. Securities and Exchange Commission (SEC), including the "Risk Factors" section in our annual report on Form 10-K for the fiscal year ended December 31, 2018 filed with the SEC. Such factors may be amended or updated from time to time in our subsequent periodic and other filings with the SEC, which are accessible on the SEC's website at www.sec.gov. We assume no obligation to update any forward-looking statement after the date of this presentation to reflect any change in expectations or future developments, even as new information becomes available.

Vision: improve the lives of those affected by cancer

2



Three wholly-owned investigational therapies with potential to improve patient care and generate significant value for shareholders Relentless focus on patients, operational efficiency and financial discipline Explore value-creating partnerships as we move toward commercialization of our product candidates

3

Robust clinical-stage pipeline



Three wholly-owned product candidates addressing distinct multi-billion dollar markets

Trilaciclib

First-in-class myelopreservation therapy

✓ Backbone with chemo

✓ 2018: positive SCLC data in three randomized Ph 2 trials

Next milestone in 2Q19: regulatory update Lerociclib

Oral CDK4/6 inhibitor

✓ Combine with targeted Rx

 ✓ 2018: demonstrated POC in ER+ BC Ph 1 trial

Next milestones in 2H19: Clinical data updates in ER+ BC and EGFRm NSCLC trials **G1T48** Oral SERD ER+ breast cancer

✓ Monotherapy & lero combo

✓ 2018: initiated ER+ BCPh 1 trial

Next milestone in 4Q19: Phase 1 data

Delivered on all clinical milestones in 2018



	INDICATION/COMBO	PHASE 1	PHASE 2	PHASE 3
	1 st -line SCLC (+ etop/carbo)			
trilaciclib	1 st -line SCLC (+ etop/carbo/Tecentriq [®])			
IV CDK4/6i	2 nd /3 rd -line SCLC (+ topotecan)			
	Metastatic TNBC (+ gem/carbo)			
lerociclib	ER+, HER2- BC (+ Faslodex [®])			
oral CDK4/6i	EGFRm NSCLC (+ Tagrisso [®])			
G1T48 oral SERD	ER+, HER2- BC (monotherapy)			

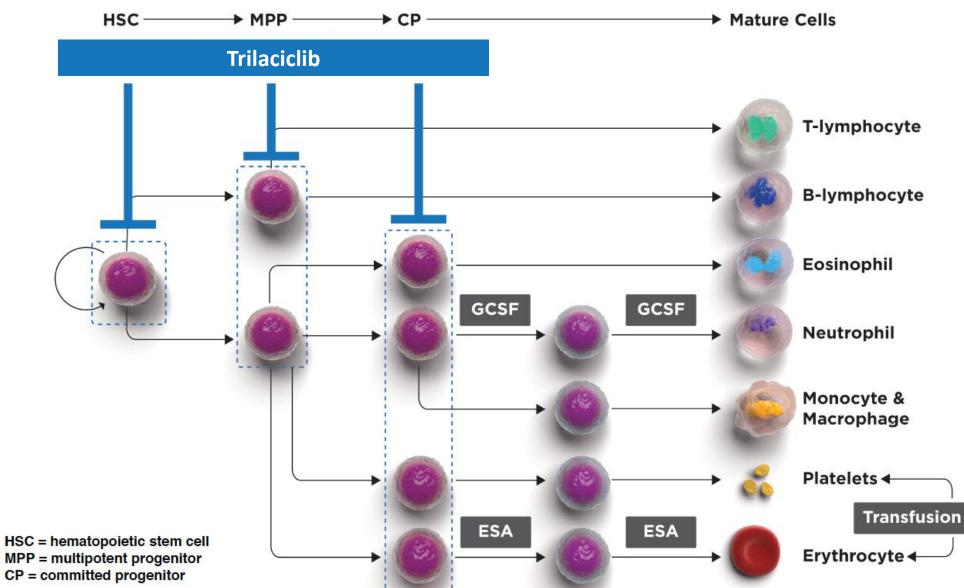


TRILACICLIB DEVELOPMENT UPDATE

Hematopoietic stem and progenitor cells (HSPCs)

Trilaciclib's MOA provides multi-lineage benefits vs. current lineage-specific interventions





Trilaciclib: first-in-class multi-lineage myelopreservation therapy

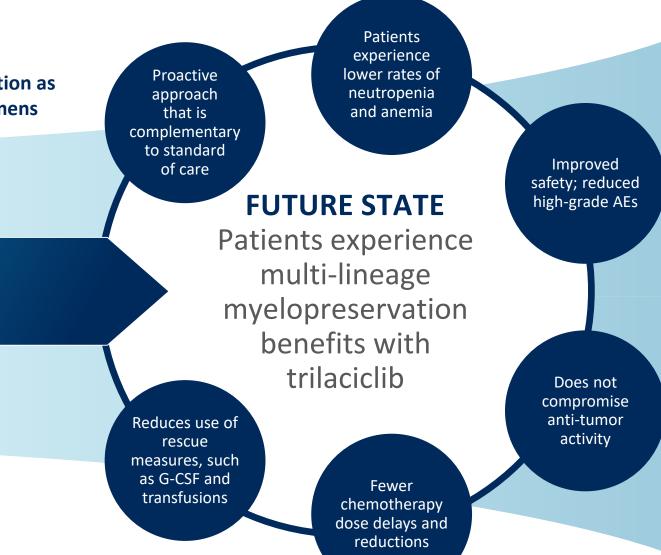




Transform patient outcomes across multiple tumors by establishing trilaciclib based multi-lineage myelopreservation as an essential part of chemo and chemo/IO treatment regimens



Chemotherapyinduced myelosuppression treated with rescue supportive care measures



Trilaciclib development: key takeaways

2



Substantial unmet need

- ~1 million patients in U.S. receive chemotherapy each year
- chemo to remain a cornerstone of cancer treatment
- myelosuppression still prevalent

Phase 2 program showed benefits across different indications, lines of therapy and chemotherapy regimens

- myelopreservation in SCLC
- PFS in mTNBC

Next steps in trilaciclib development

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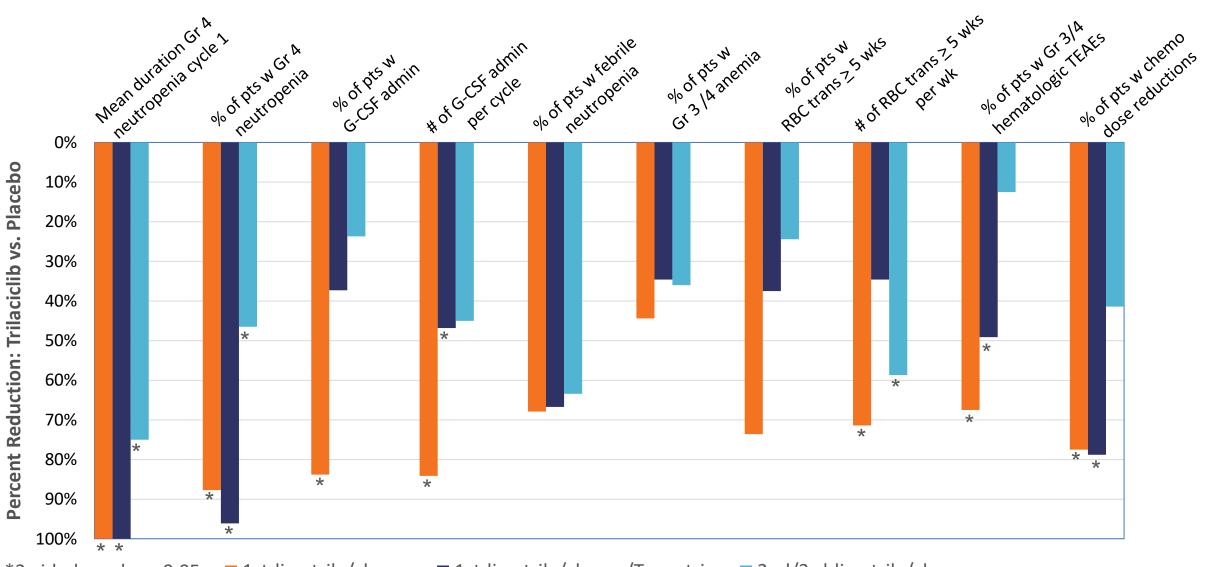
- meet with U.S. and European regulators
- target initial indication:
 SCLC
- additional trials initiating in 2H19

Positive multi-lineage myelopreservation results from three randomized SCLC Phase 2 trials in 2018



TRIAL/TUMOR TYPE	REGIMEN	TRIAL DESIGN
1 st -line Small Cell Lung Cancer (G1T28-02)	+ etoposide/ carboplatin (EP)	 77 patients, randomized, placebo-controlled, double-blind
1 st -line Small Cell Lung Cancer (G1T28-05)	+ EP/Tecentriq®	 107 patients, randomized, placebo-controlled, double-blind
2 nd /3 rd -line Small Cell Lung Cancer (G1T28-03)	+ topotecan	 92 patients, randomized, placebo-controlled, double-blind

Myelopreservation benefits consistently demonstrated in three randomized, placebo-controlled SCLC studies



Trilaciclib does not impair efficacy of chemotherapy



		trila/chemo 1 st -line		trila	/chemo/Tece 1 st -line	ntriq		trila/chemo 2 nd /3 rd -line	
	placebo N = 37	trila N = 38	HR* or historical RR	placebo N = 53	trila N = 54	HR* or historical RR	placebo N = 29	trila N = 32	HR* or historical RR
Median OS (months)	10.6	10.9	HR=0.87		immature			immature	1
Median PFS (months)	5.0	6.1	HR=0.71	5.4	5.9	HR=0.78	4.2	4.2	HR=0.85
Overall Response Rate	56.8%	66.7%	52%	63.5%	56.0%	60.2 - 64.4%	23.1%	16.7%	10.1 - 16.9%
Clinical Benefit Rate	86.5%	91.7%	75%	90.4%	96.0%	81.1 - 85.7%	61.5%	60.0%	61.5 - 73.4%
 Lack of efficacy measured by H 	•		 Trilacicli and PFS 		omparable (esponse rat istorical ran	es (RR) with ges ^{**}	in

*HR=hazard ratio

^{**} Socinski et al. J Clin Oncol 2009; 27: 4787-92; Horn et al. N Engl J Med 2018; 379:2220-2229; von Pawel et al. J Clin Oncol 2014; 32:4012-4019; Evans et al. J Thorac Oncol 2015; 10: 1221–1228 Data cut: December 21, 2018

Trilaciclib does not impair efficacy of chemotherapy



		trila/chemo 1 st -line		trila	/chemo/Tec 1 st -line	entriq		trila/chem 2 nd /3 rd -lin	
	placebo N = 37	trila N = 38	HR* or historical RR	placebo N = 53	trila N = 54	HR* or historical RR	placebo N = 29	trila N = 32	HR* or historical RR
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Preliminary results in randomized mTNBC Phase 2 trial demonstrated trilaciclib improved PFS

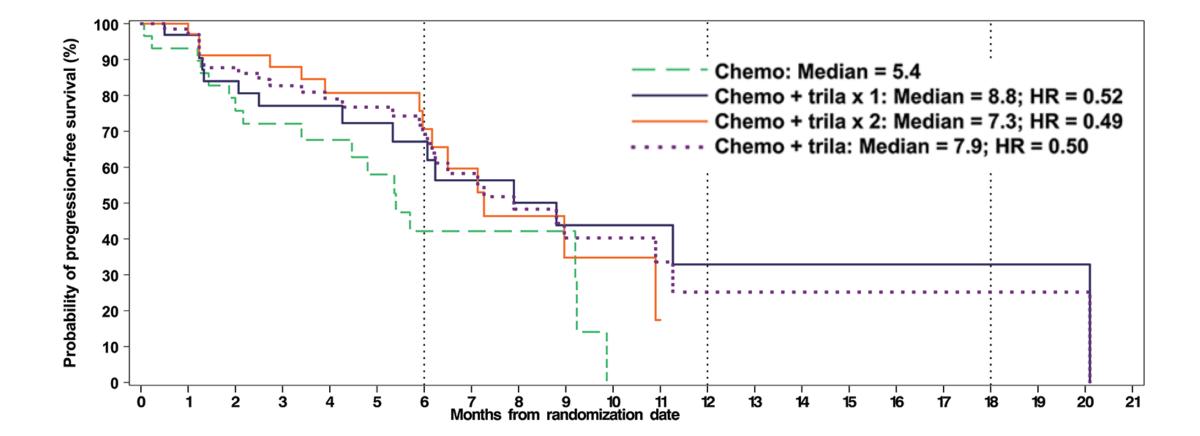


TRIAL/TUMOR TYPE	REGIMEN	TRIAL DESIGN
Metastatic Triple- Negative Breast Cancer (G1T28-04)	+ gemcitabine/ carboplatin	102 patients, randomized, open-label

 Patients on trilaciclib received more chemotherapy cycles than those in the control arm Safety profile consistent with previously reported trials; no trilaciclib-related serious adverse events reported

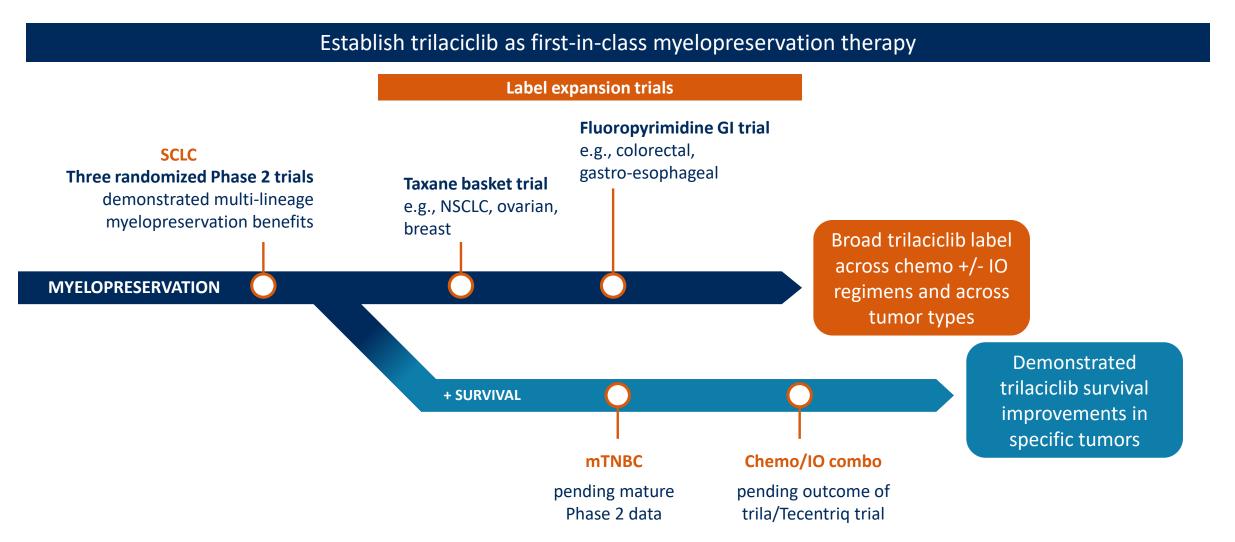
Preliminary results demonstrated median PFS is longer when trilaciclib is added to chemotherapy





Development strategy: two pathways to establish trilaciclib as an essential part of chemo and chemo/IO treatment







TRILACICLIB COMMERCIAL STRATEGY

Hematopoietic stem and progenitor cells (HSPCs)

Trilaciclib commercial strategy: key takeaways



There is still substantial unmet need for patients experiencing myelosuppression, despite the availability of rescue interventions like G-CSF, ESAs and transfusions

- no significant innovations for chemotherapy-induced myelosuppression
- chemotherapy will remain the backbone of treatment

Multi-lineage myelopreservation in SCLC represents an advance for patients and a significant opportunity: \$500M - \$1B WW at peak

- physicians see proactive myelopreservation as a better approach and anticipate significant use
- payers value the patient benefits and are willing to pay without significant restrictions

Expanding the label across tumors to a broad myelopreservation indication may add >\$2B to peak sales

3

- myelopreservation launch in SCLC meets a substantial unmet need and serves as proof of concept in other tumor types
- efficacy enhancement, OS or PFS data, would provide additional patient benefit and revenue upside, but is not required to generate use in a high % of patients

Trilaciclib market research* highlights a substantial global commercial opportunity



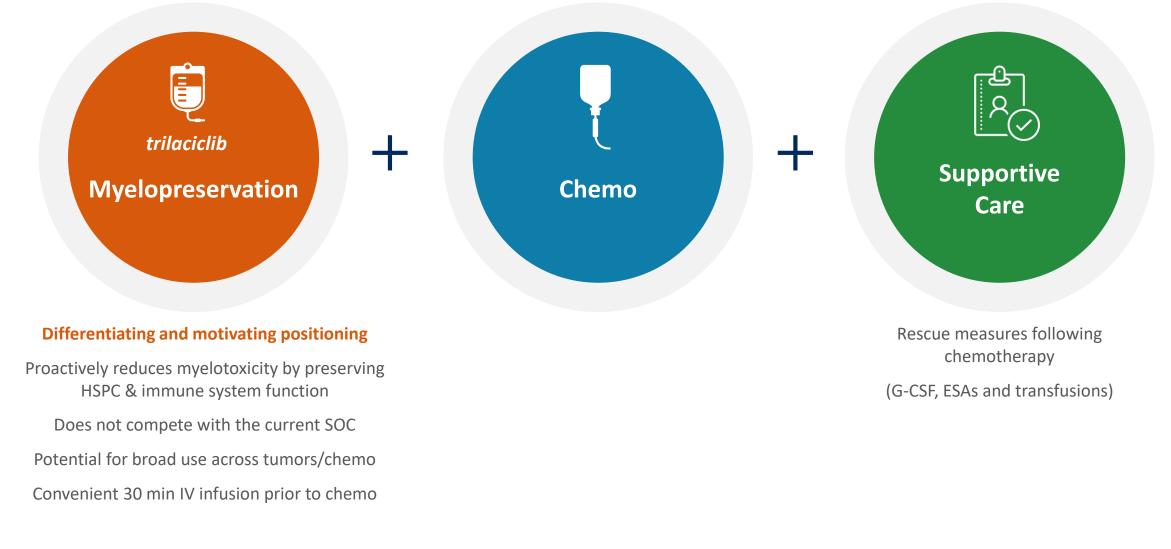
> \$3 billion global commercial opportunity

Broad myelopreservation label >\$2 billion (fluoropyrimidines and taxanes)

> SCLC label \$500 million - \$1 billion

- *Patients* are better served with proactive myelopreservation
- Physicians anticipate significant use of trilaciclib based on its myelopreservation benefits alone
- *Payers* see the multi-lineage benefits of trilaciclib as unique

Trilaciclib optimally positioned as first-in-class, multi-lineage GO myelopreservation therapy that is complementary to SOC





LEROCICLIB DEVELOPMENT UPDATE

Tumor cell proliferation

Lerociclib development opportunities





Lerociclib profile differentiated in CDK4/6 landscape



 Differentiated PK and tolerability profile 	 Continuous dosing (no holiday) with fewer dose- limiting toxicities 	 Highly potent and selective with demonstrated anti- tumor POC
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	DOSE-LIMITING NEUTROPENIA	MONITORING REQUIREMENT	DOSING HOLIDAY	QT PROLONGATION	DILI	GRADE 3/4 DIARRHEA	VTE
lerociclib	_	Potential for less monitoring	_	_	_	_	_
Ibrance [®]	X	X	X	_	-	-	_
Kisqali®	X	×	X	X	X	_	_
Verzenio®	X	X	_	_	X	X	X

Lerociclib differentiated safety and tolerability profile: CDK4/6i partner of choice for combo regimens



CANCER	INDICATION	lerociclib +	STATUS
	ER+/HER2-	Faslodex [®] (fulvestrant)	Phase 2a enrolling; Phase 1b data update 4Q19
BREAST	ER+/HER2-	G1T48	Phase 1b/2 trial planned for 2019/2020
LUNG	EGFRm	Tagrisso	Phase 1b data in 3Q19
PROSTATE	CRPC	AR-antagonist	Exploring
LYMPHOMA	Mantle Cell	BTKi	Exploring
BLADDER	Urothelial	FGFRi	Exploring
GI	Pancreatic	МАРКі	Exploring

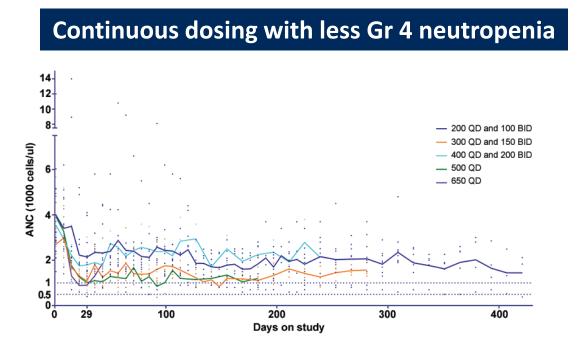
ER+, HER2- breast cancer Faslodex[®] combination Phase 1b/2a trial



PRIMARY ENDPOINTS	 Assess safety, dose-limiting toxicities, and identify recommended Phase 2 dose/schedule
SECONDARY ENDPOINTS	 PK, PD ORR, PFS and OS
DESIGN	 Open-label, single-arm; continuous dosing of lerociclib + Faslodex in ER+, HER2- breast cancer Phase 1b: dose escalation (QD and BID schedules), 3+3 design Phase 2a: dose expansion at RP2D/schedule
MILESTONE TIMING	 Phase 1b dose escalation completed; preliminary data presented at ASCO 2018 Enrolling expansion phase to identify differentiated clinical profile Anticipate reporting additional Phase 1b data in 4Q19

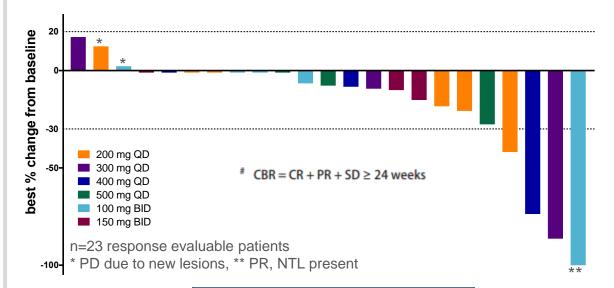
Continuously dosed lerociclib: promising early data





Dose	N	Day 29 mean % change]
200mg QD	6	-48%	ANC decreases
300mg QD	3	-66%	ANC decreases ~50-60% for
400mg QD	3	-50%	approved CDK4/6
500mg QD	4	-74%	inhibitors
650mg QD	6	-76%	

Anti-tumor activity at all dose levels



Best Response lerociclib + fulvestrant (n=23)			
PR	4/23 (17%)		
SD	16/23 (70%)		
PD	3/23 (13%)		
$SD \ge 24$ weeks	11/23 (48%)		
CBR 24	15/23 (65%)		

data from ASCO 2018; efficacy data updated to account for one patient with non-measurable disease at baseline

CBR 24=CR+PR+SD≥24 weeks

EGFRm NSCLC Tagrisso combination Phase 1b dose-finding/Phase 2 randomized trial



PRIMARY ENDPOINTS	 Assess safety, dose-limiting toxicities, and identify recommended Phase 2 dose PFS
SECONDARY ENDPOINTS	• PK, PD • ORR and OS
DESIGN	 EGFRm NSCLC Phase 1b: single-arm dose-finding, lerociclib + Tagrisso in 1st/2nd-line setting Phase 2: lerociclib + Tagrisso, or Tagrisso; randomized (1:1)
MILESTONE TIMING	 Phase 1b enrollment ongoing Preliminary Phase 1b data expected in 3Q19

Strong rationale for lerociclib + Tagrisso



Goal is to extend time to resistance and improve PFS 2

In ER+ breast cancer, CDK4/6 inhibitors as a class extend PFS when added to endocrine therapy

 addition of lerociclib to osimertinib follows this same paradigm of adding a CDK4/6 inhibitor to a growth signaling inhibitor as a means to extend progression free survival

Lerociclib combined with osimertinib could extend time to resistance

3

- osimertinib resistance mechanisms include activating mutations in PIK3CA, BRAF and KRAS; amplifications in MET, HER2, FGFR1, CCND, CDK4/6; and EGFR C797S mutation, many of which are "upstream" of CDK4/6
- preclinical data demonstrated prolongation of time to resistance by the addition of lerociclib to EGFR TKIs (Sorrentino et al 2018)



G1T48 (ORAL SERD) UPDATE

Tumor cell proliferation

G1T48: strong strategic fit and patient need



Selective estrogen receptor degrader (SERD): validated approach for ER+ breast cancer

Faslodex (IM SERD): approved as monotherapy and in combination with CDK4/6i

 >\$1B sales despite painful intramuscular (IM) injections; oral SERD addresses unmet patient need

3)

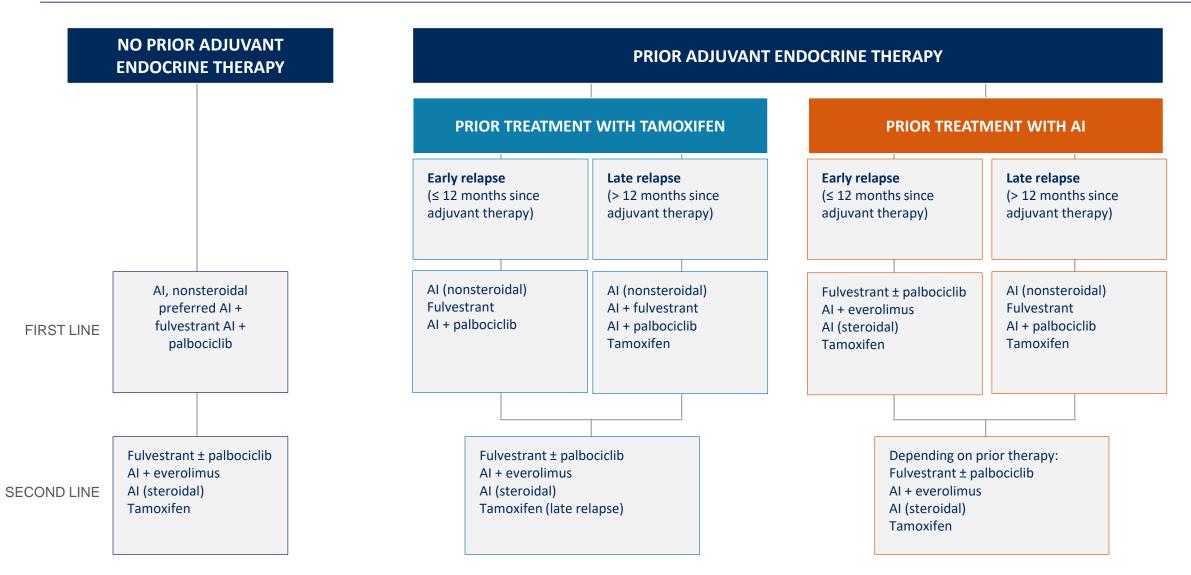
All-oral lerociclib/G1T48 combination regimen offers potential competitive advantages

Phase 1 trial in ER+ breast cancer (G1T48 monotherapy)

- initiated in 2018
- preliminary data expected in 4Q19
- plan to combine with lerociclib in 2019/2020, pending monotherapy trial results

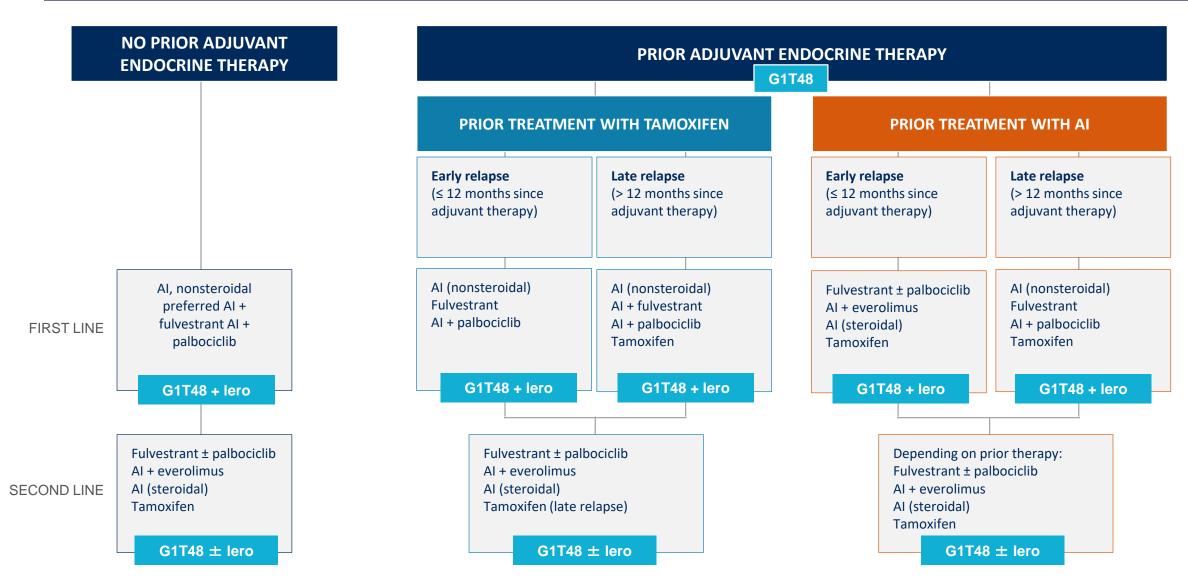
ASCO guidelines for HR+ mBC: Oral SERD creates opportunity across lines of therapy





ASCO guidelines for HR+ mBC: Oral SERD creates opportunity across lines of therapy

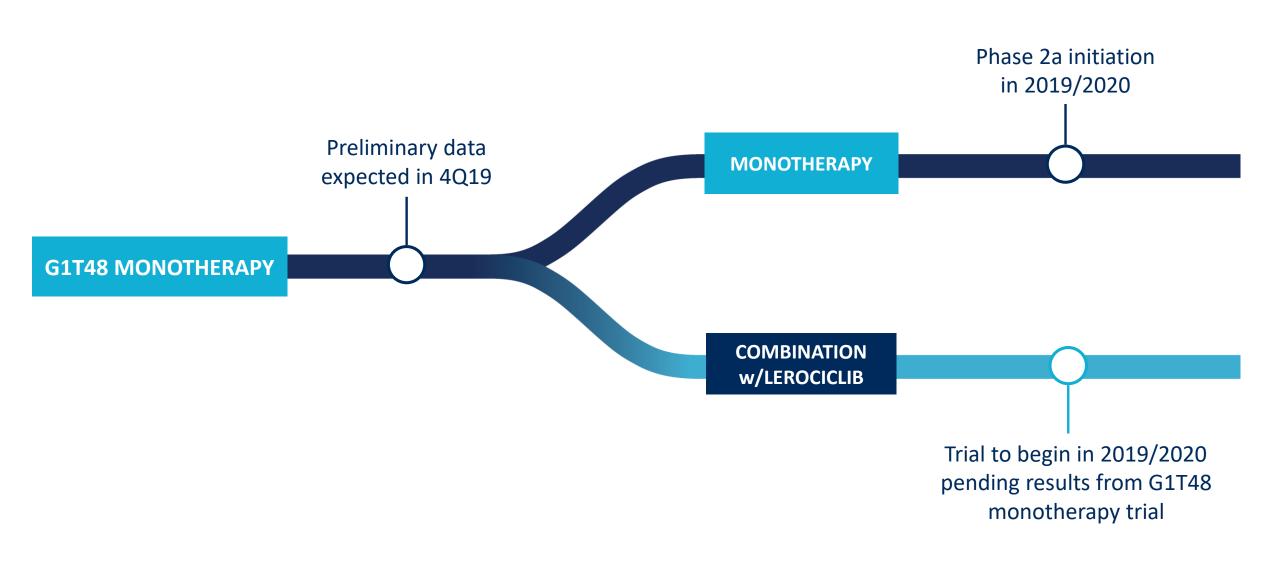




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Development pathways







PRIMARY ENDPOINTS	 Assess safety, dose-limiting toxicities, and identify recommended Phase 2 dose 			
SECONDARY ENDPOINTS	 PK, PD ORR and OS Food effect on bioavailability 			
DESIGN	 Open-label, ER+, HER2- breast cancer, enrolling up to 104 patients Phase 1: dose-finding, G1T48 monotherapy in 2nd/3rd-line setting Phase 2a: dose expansion at RP2D 			
MILESTONE TIMING	 Phase 1 enrollment ongoing Report preliminary Phase 1 data in 4Q19 			



Lerociclib – potential in multiple tumor types

- ongoing trials in breast and non-small cell lung cancer
- differentiated profile = "partner of choice" in CDK4/6i combo regimens

G1T48 – oral SERD offers significant patient benefit

- oral delivery provides opportunity to move SERD into earlier lines of therapy
- monotherapy and combination regimens

Lerociclib + G1T48 – all-oral BC regimen

3

 all-oral regimen offers significant differentiation in crowded breast cancer space

Key anticipated milestones



	INDICATION/COMBO	2Q19		3Q19	4Q19
trilaciclib IV - CDK4/6i	1 st -line SCLC (+ etop/carbo)				
	1 st -line SCLC (+ etop/carbo/Tecentriq)		Provide	Present additional Phase 2 data (pending mature OS)	
	2 nd /3 rd -line SCLC (+ topotecan)	Present additional Phase 2 data	regulatory update		
	Metastatic TNBC (+ gem/carbo)				Present additional Phase 2 data (pending mature PFS)
lerociclib Oral - CDK4/6i	ER ⁺ , HER2- BC (+ Faslodex)				Report additional Phase 1b data
	EGFRm NSCLC (+ Tagrisso)			Report preliminary Phase 1b data	
G1T48 Oral - SERD	ER ⁺ , HER2- BC (monotherapy)				Report preliminary Phase 1 data

THERAPEUTICS

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