

Reimagining Cancer Treatment

Syndax 

Determined to realize a future in which people
with cancer live longer and better than ever before

Q2 2016 CONFERENCE CALL
AUGUST 9, 2016

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Company Strategy

Entinostat
Breast
Cancer

Entinostat
Immuno-
oncology

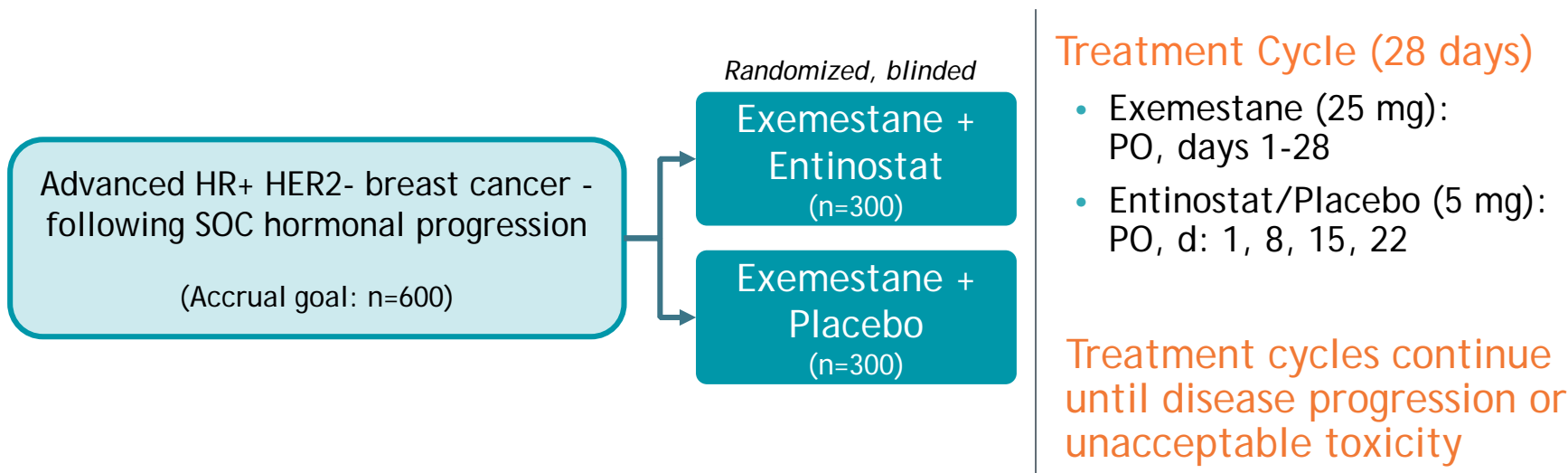
New
molecules

Financing & Staffing

E2112

Phase 3 registration trial in advanced HR+, HER2- breast cancer patients

Exemestane +/- Entinostat






Enrollment has exceeded 50% of the accrual goal

Trial Highlights:

- FDA reviewed trial under SPA process
- Two primary endpoints: PFS and OS
- PFS readout is expected no sooner than 2H 2017
- Combination has been granted Breakthrough Therapy Designation by the FDA

ENCORE Clinical Trial Programs

- The ENCORE trials are designed to assess entinostat's ability to enhance checkpoint efficacy
- Entinostat-checkpoint inhibitor combination trials are expected to generate multiple milestones over the next 12 months

Entinostat-checkpoint combinations			Anticipated data presentation	
Trial	Partner	Indication	2H16	1H17
ENCORE 601		NSCLC - PD(L)-1 naïve	Phase 1b RP2D	Phase 2; 1 st Stage
		NSCLC - PD(L)-1 refractory		Phase 2; 1 st Stage
		Melanoma		Phase 2; 1 st Stage
ENCORE 602	 A Member of the Roche Group	TNBC		Phase 1b safety, RP2D
ENCORE 603		Ovarian		Phase 1b safety

RP2D = Recommended Phase 2 Dose

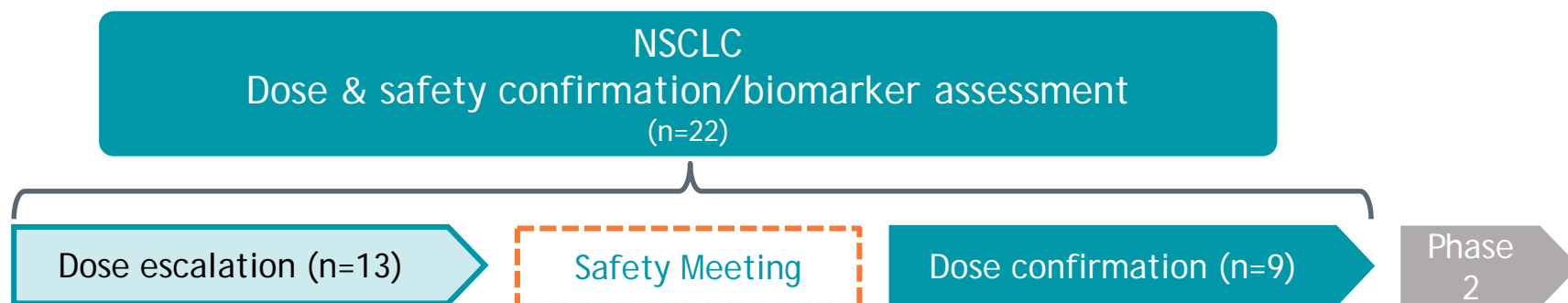
ENCORE 601

First signal-seeking trial

KEYTRUDA® + Entinostat



Phase 1b:
open-label



Trial Milestones:

- Completed accrual for dose escalation stage (3mg and 5mg)
- Positive safety assessment made; 5mg dose progressed
- Dose confirmation safety assessment complete; Phase 2 screening initiated
- Phase 1b data presentation anticipated Q4 2016

ENCORE 601

First signal-seeking trial across 3 indications

KEYTRUDA® + Entinostat



Phase 2:

Simon 2-stage, open-label

Stage 1	Go/No go Threshold	Stage 2	Total n
NSCLC - PD-(L)1 - naïve (n=13)	3/13	NSCLC - PD-(L)1 - naïve (n=33)	n=46
NSCLC - PD-(L)1 - progressors (n=20)	2/20	NSCLC - PD-(L)1 - progressors (n=36)	n=56
Melanoma - PD-(L)1 - progressors (n=13)	2/13	Melanoma - PD-(L)1 - progressors (n=21)	n=34

Trial Milestones:

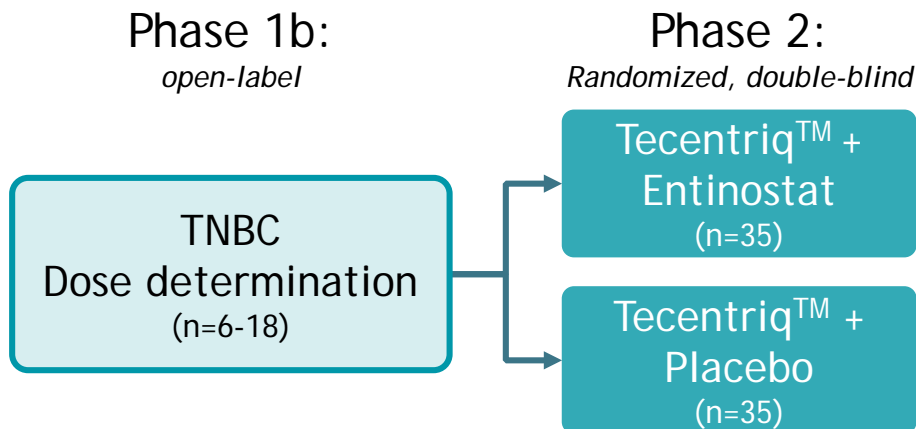
- Phase 2, Stage 1 is expected to begin Q3 2016
- Anticipate making go/no go decision to progress to Stage 2 in Q1 2017

ENCORE 602

Collaboration with another industry innovator

Tecentriq™ +/- Entinostat

Genentech
A Member of the Roche Group



Trial Centers

Primary: **UCLA** Health

CRO: Translational Research in
Oncology Group (TRIO)

Primary Endpoints

- Phase 1b - Establish Phase 2 dose
- Phase 2 - PFS using RECIST 1.1

Secondary Endpoints

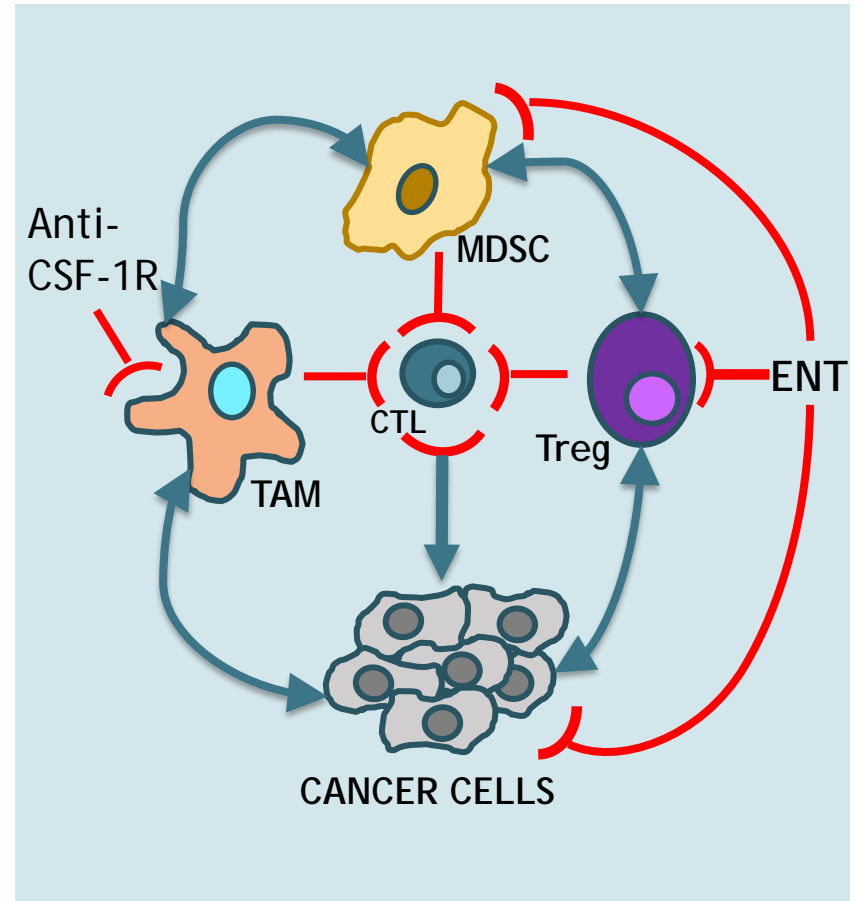
- ORR
- OS
- Safety & tolerability

Trial Milestones:

- Initiated Phase 1b dose determination stage in June 2016
- Phase 1b data presentation anticipated 1H 2017

CSF-1R regulates proliferation, survival, differentiation, and chemotaxis of mononuclear phagocytes

- CSF-1R is expressed on mononuclear phagocytic cells, including immunosuppressive TAMs
- Anti-CSF-1R Ab depletes TAMs and increases tumor infiltrating lymphocytes
 - Inhibition shows clinical activity in diffuse-type giant cell tumor
 - Preclinical synergistic anti-tumor activity seen with immune checkpoint inhibitors

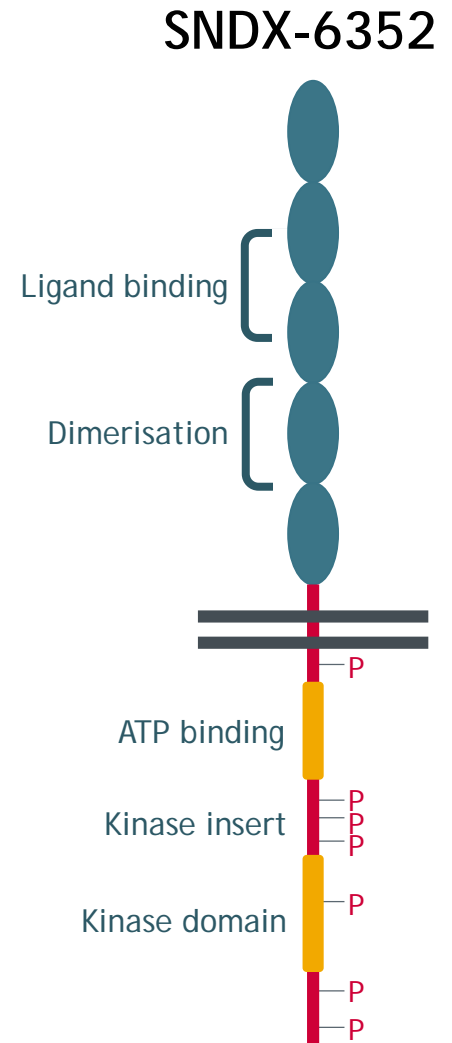


MDSC - myeloid derived suppressor cell; TAM - tumor associated macrophage; Treg - regulatory T lymphocyte; CTL - cytotoxic T cell; ENT - entinostat; CSF-1R - colony stimulating factor -1 receptor

Source: data on file

Syndax anti-CSF-1R antibody properties

- SNDX-6352, developed at UCB as UCB6352
- High affinity, humanized IgG4P ($K_D = 4-8 \text{ pM}$)
- Demonstrated binding to ligand binding domain; blocks CSF-1 and IL-34 binding
- Inhibits ligand induced monocyte activation
- No evidence of antibody mediated receptor internalization or activation
- IND-enabling studies completed by UCB



Source: data on file

Q2 Financial Position & Operating Results

Condensed Consolidate Balance Sheet Data as of 6/30/2016

- Cash, cash equivalents, and short-term investments of \$125.5M
- Total common shares issued and outstanding 17,782,150
- Common stock and common stock equivalents 20,855,418

Condensed Consolidated Statement of Operations Data for the Three Months Ended 6/30/2016

- Net loss of \$8.4M
- Net loss per share of \$0.47 per share
- Non-cash stock-based comp of \$0.8 M included in net loss

Summary Highlights

- Expanded pipeline with SNDX-6352
 - Clinical trials to be initiated Q4 2016
- ENCORE 601 Phase 1b safety assessment complete
 - Progression to Phase 2 in NSCLC and Melanoma at 5mg dose
 - Phase 2 screening initiated
 - Phase 1b abstract submitted for SITC, Q4 2016
- E2112 enrollment has exceeded 50% of the accrual goal
- ENCORE 602 for TNBC with Genentech initiated in June
- ENCORE 603 anticipated to commence in Q4 2016
- Pipeline funded through significant milestones

Thank you. Questions?

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