

Reimagining Cancer Treatment



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

Q1 2016 Conference Call

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This presentation contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Words such as "may," "will," "expect," "plan," "anticipate" and similar expressions (as well as other words or expressions referencing future events or circumstances) are intended to identify forward-looking statements. All statements other than statements of historical facts contained in this presentation, including statements regarding future results of the operations of Syndax Pharmaceuticals, Inc. ("Syndax" or the "Company"), including financial position, strategy and plans, and Syndax's expectations for future operations, are forward-looking statements.

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Company Strategy

Entinostat
Breast
Cancer

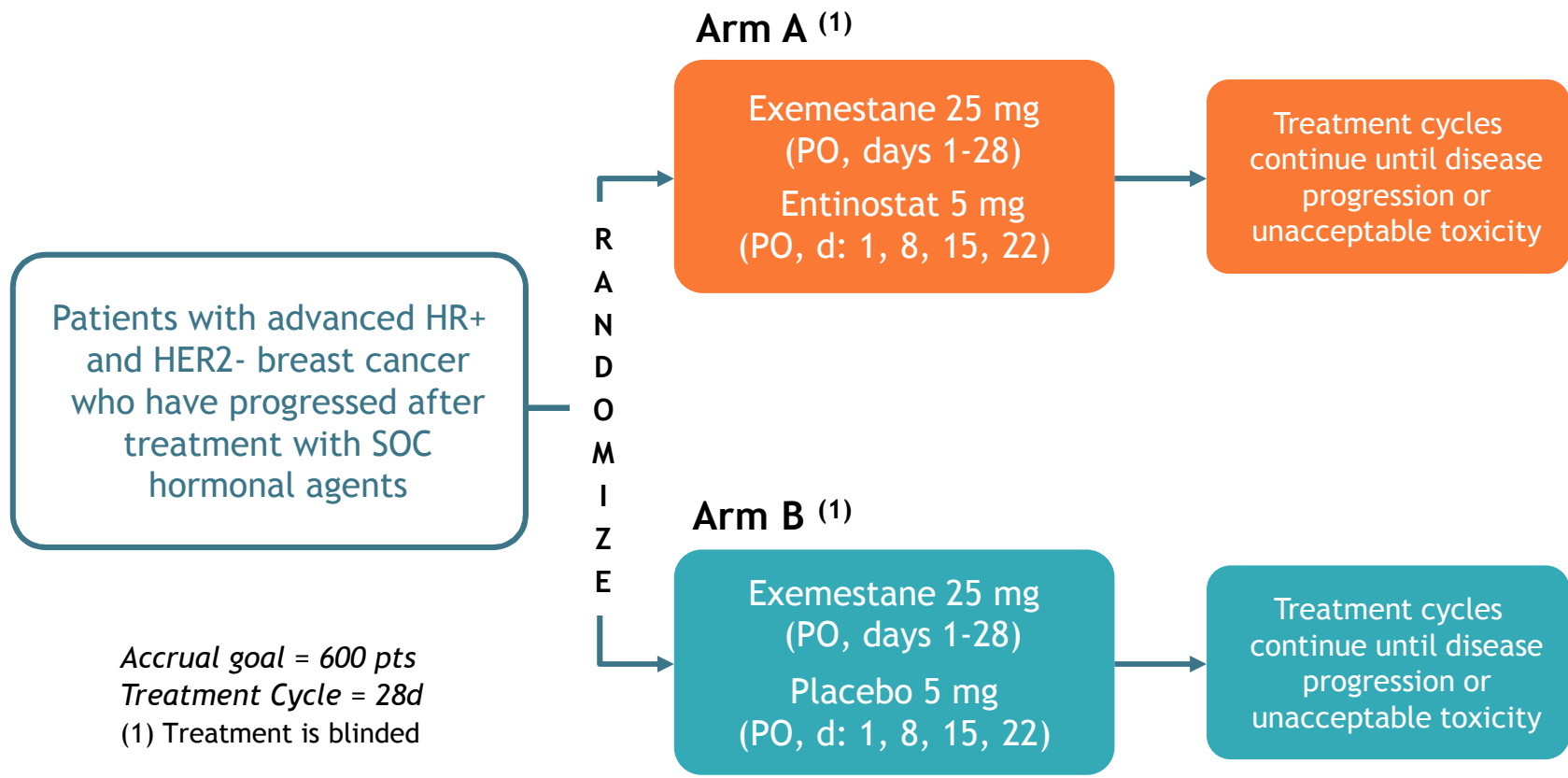
Entinostat
Immuno-
oncology

New
molecules

Financing & Staffing




E2112, a Phase 3 registration trial in advanced HR+ breast cancer patients is underway

E2112 Pivotal Trial Design



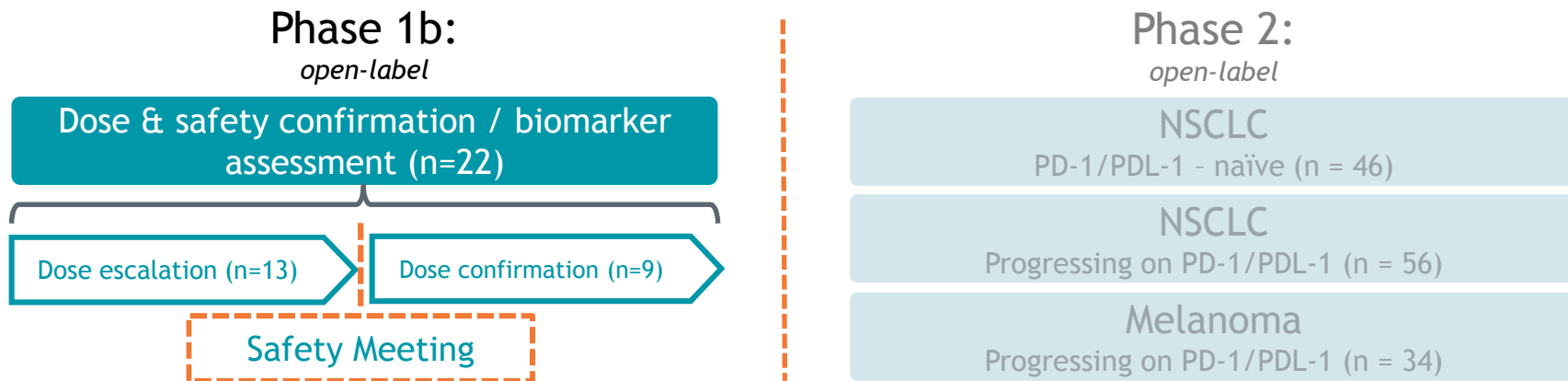
ENCORE Clinical Trial Program

- The ENCORE trials are designed to establish entinostat’s ability to enhance checkpoint efficacy
- Entinostat-checkpoint inhibitor combination trials are expected to generate multiple milestones over the next 18 months

Trial	Partner	Indication	Timeline of Data		
			1H16	2H16	1H17
ENCORE 601		NSCLC	ASCO '16 Phase 1b safety: Dose escalation	Phase 1b RP2D	Phase 2
		Melanoma			Phase 2
ENCORE 602	 <i>A Member of the Roche Group</i>	TNBC		Phase 1b safety	
ENCORE 603		Ovarian			Phase 1b safety

ENCORE 601: Phase 1b Designed in Two Parts

KEYTRUDA® + Entinostat



Study Milestones:

- Completed accrual for dose escalation stage
- Positive safety assessment made by DSMB
- Initiated dose confirmation stage
- Dose confirmation stage estimated completion in Q3-16

1Q Financial Position & Operating Results

Condensed Consolidate Balance Sheet Data as of 3/31/2016

- Cash, cash equivalents, and short-term investments of \$133.7M
- Total common shares outstanding 17,782,150
- Common stock, stock options and warrants 20,857,529

Condensed Consolidated Statements of Operations Data for the Three Months Ended March 31, 2016

- Operating loss of \$8.8M
- Net loss attributable to common stockholders of \$12.9M
- Net loss per share attributable to common (basic and diluted) of \$2.85 per share
- Non-cash items included in net loss attributable to common of \$6.6M

Summary Highlights

Entinostat

- Phase 3 registration trial ongoing in advanced HR+ breast cancer
 - Granted Breakthrough designation
- Developing as cancer immunotherapy in multiple indications
- Collaborations in place with 3 leading immunotherapy companies
 - Merck & Co., Inc.
 - Genentech, Inc.
 - Merck KGaA, Darmstadt, Germany, and Pfizer Inc.

Experienced leadership team

Current development efforts are fully funded across multiple indications and through significant clinical milestones

Thank you. Questions?

Syndax 