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Gregory R. Wade, Ph.D. (415) 274-6863

David M. Nierengarten, Ph.D. (415) 274-6862

Christopher N. Marai, Ph.D. (415) 274-6861

# Durata Therapeutics (DRTX - OUTPERFORM): DISCOVER 1 Phase III Meets EMA Required Primary Endpoints, DISCOVER 2 Up Next Q1:13, Reiterate OUTPERFORM

Price: \$7.97 12-Month Price Target: \$20

- Durata announced that additional analysis of top-line results shows that the Phase III Discover 1 trial of dalbavancin for the treatment of abSSSI met the EMA required primary endpoints (Exhibit 1). Recall that EMA required primary endpoints include "clinical status" and "investigators' assessment of clinical response". The "clinical status" endpoint measurements include a comparison of clinical efficacy of dalbavancin vs. comparator at end of treatment, based upon lesion size, local signs, temperature and receipt of other therapy at end of treatment visit (Day 14-15). The "investigator assessment of clinical response" includes a day 14-15 assessment of success (dalbavancin vs. comparator), defined as resolution or improvement of all signs and symptoms of infection without treatment-related discontinuation, death, or non-antibacterial intervention for abSSSI (Acute Bacterial Skin and Skin Structure Infections).
- Dalbavancin was shown to be statistically non-inferior to vancomycin/linezolid in both clinical status and investigator assessments endpoints at the end of treatment. Dalbavancin resulted in clinical success in 214/246 (87.0%) of all patients compared to 222/243 (91.4%) a -4.4% difference in point estimates, well within the -9.6-1.6, 95% confidence interval (CI). Patient stratification by MRSA showed that dalbavancin resulted in 85.7% vs. 96.8% clinical success (CI not provided).
- Importantly, we note that under the investigator assessment endpoint, a key variable from a clinical practice and marketing perspective in both the U.S. and EU, dalbavancin stacked up even more favorably vs. vancomycin/linezolid (Exhibit 1). At the end of treatment, 233/246 (94.7%) of the patients infections were deemed successfully treated by investigators compared to 237/243 (97.5%) a difference of -2.8% again, well within the -6.7-0.7, 95% CI. Additionally, recall that that in previously reported top-line results dalbavancin was well-tolerated with a lower adverse event rate than vancomycin/linezolid (12.3% vs. 18.3%) (Exhibit 4). Of note, given dalbavancin's long half-life, treatment emergent adverse events after the Day 28 visit were less common in the dalbavancin arm (4.2%) than the comparator (8.5%). Discontinuation rates due to adverse events were also lower in the dalbavancin arm at 1.8% vs. 2.1%.
- Today's data supports our thesis that dalbavancin is a significantly de-risked asset in both the U.S. and now the EU.
   We also expect the upcoming DISCOVER 2 Phase III trial data, likely in Q1:13, to meet its primary endpoints. We continue to view dalbavancin as a de-risked asset, as it had met primary endpoints in three earlier Phase III trials and now the DISCOVER 1 trial (Exhibit 2-4).
- Reiterate OUTPERFORM rating and \$20 price target. Our \$20 share price target is derived from the net present value (25% discount rate) of our estimate of profits and losses for DRTX through our projection of the end of dalbavancin's exclusivity period in the U.S. and EU in 2027 and 2023, respectively, with no terminal value and cash per share in 12 months.
- Risks to the attainment of our price target include; 1) dalbavancin to demonstrate non-inferiority ongoing Phase III abSSSI clinical trials, 2) commercial and launch risks, 3) regulatory risks and 4) risks to the IP estate of Durata and dalbavancin in the U.S. and ROW.

## **Upcoming Milestones**

- Q1:13 Top-line Phase III results for dalbavancin (DISCOVER 2) in the abSSSI setting
- H2:12 Potential completion of enrollment in the second Phase III study of oritavancin (SOLO-2) in the abSSSI setting
- H2:12 Potential re-partnering transaction for THRX of Vibativ (telavancin)
- Mid:13 Potential EU MAA filing for dalbavancin in the abSSSI setting
- Mid:13 Potential US NDA filing for oritavancin in the abSSSI setting with an anticipated 6 month review cycle

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**Exhibit 1: Top-line Data from the DISCOVER 1 Trial** 

·	Endpoint	Dalbavancin	Vancomycin/ linezolid	Difference in point estimates (95% Confidence interval)
EMA Primary Endpoint	Clinical Status (End of Treatment)	214/246 (87.0%)	222/243 (91.4%)	-4.4% (-9.6, 1.6)*
	Patients with MRSA	30/35 (85.7%)	30/31 (96.8%)	
	Investigator Assessment (End of Treatment)	233/246 (94.7%)	237/243 (97.5%)	-2.8% (-6.7, 0.7)
US Primary Endpoint	Early response (48-72 hours)	240/288 (83.3%)	233/285 (81.8%)	1.5% (-4.6, 7.9)
	Patients with MRSA	37/44 (84.1%)	32/39 (82.1%)	

\*adjusted for pre-specified baseline variables.

Source: Company Reports

**Exhibit 2: DISCOVER 1 Endpoint Analysis** 

Endpoint	Patient Population	Dalbavancin	Vancomycin / linezolid	Difference (95% Confidence Interval)
Primary (Early Response)	ПТ	239/288 (83.0%)	233/285 (81.8%)	1.2% ( -4.9, 7.6 )
Sensitivity analysis (>20% reduction in lesion area at 48-72 hours)	ПТ	258/288 (89.6%)	259/285 (90.9%)	-1.3% ( -6.1, 3.7 )

Source: Company Reports

**Exhibit 3: DISCOVER 1 Safety Profile** 

Patients who experienced at least one of:	Dalbavancin (N=284)	Vancomycin/ linezolid (N=284)
Adverse event	113 (39.8%)	117 (41.2%)
Treatment emergent adverse event (TEAE)	99 (34.9%)	112 (39.4%)
TEAE with onset through the SFU (D28) visit	96 (33.8%)	108 (38.0%)
TEAE with onset after the SFU (D28) visit	12 (4.2%)	24 (8.5%)
Drug Related TEAE	35 (12.3%)	52 (18.3%)
Treatment emergent serious adverse events (SAE)	5 (1.8%)	12 (4.2%)
Drug related treatment emergent SAE	0	2 (0.7%)
Treatment emergent SAE leading to death	0	5 (1.8%)
TEAE leading to premature discontinuation (d/c) from drug	5 (1.8%)	6 (2.1%)

Source: Company Reports



**Exhibit 4: DISCOVER 1 Adverse Event Profile** 

	Dalbavancin (N=284)		Vancomycin/linezolid (N=284)	
	Unrelated	Related	Unrelated	Related
Patients with at least one	61 (21.5%)		56 (19.7%)	
TEAE through SFU (D 28)		35 (12.3%)		52 (18.3%)
TEAE at <u>&gt;</u> 2% in any arm				
Nausea	5 (1.8%)	7 (2.5%)	1 (0.4%)	12 (4.2%)
Diarrhea	2 (0.7%)	2 (0.7%)	2 (0.7%)	9 (3.2%)
Headache	5 (1.8%)	9 (3.2%)	7 (2.5%)	7 (2.5%)
Pruritus	0	1 (0.4%)	2 (0.7%)	9 (3.2%)
Hypertension	7 (2.5%)	0	7 (2.5%)	0
Rash	2 (0.7%)	3 (1.1%)	1 (0.4%)	5 (1.8%)
Asthenia	1 (0.4%)	0	5 (1.8%)	1 (0.4%)

Source: Company Reports



# **Analyst Certification**

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Company	Disclosure
Durata Therapeutics	1,3,4,5,7

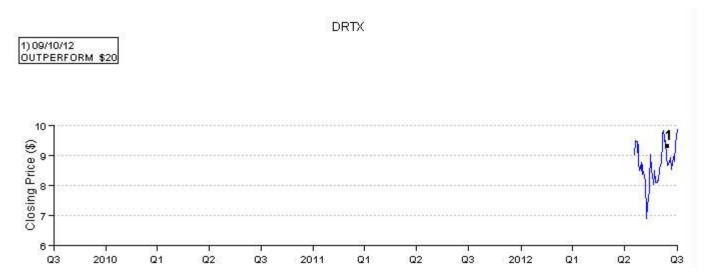
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RESEARCH DEPT. \* (213) 688-4505 \* www.wedbush.com

EQUITY TRADING Los Angeles (213) 688-4470 / (800) 421-0178 \* EQUITY SALES Los Angeles (800) 444-8076 CORPORATE HEADQUARTERS (213) 688-8000

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# **EQUITY RESEARCH DEPARTMENT**

(213) 688-4529

## **DIRECTOR OF RESEARCH**

Mark D. Benson (213) 688-4435

#### MANAGER, RESEARCH OPERATIONS

Ellen Kang (213) 688-4529

RETAIL AND C	ONSUMER
--------------	---------

**Consumer Products** 

Rommel T. Dionisio (212) 938-9934 Kurt M. Frederick, CFA CPA (415) 274-6822

Footwear, Apparel and Accessories

(212) 668-9876 Corinna Freedman

**Healthy Lifestyles** 

Kurt M. Frederick, CFA CPA (415) 274-6822

Restaurants

(213) 688-4519 Nick Setyan Colin Radke (213) 688-6624

Specialty Retail: Hardlines

Joan L. Storms, CFA (213) 688-4537 John Garrett, CFA (213) 688-4523

Specialty Retail: Softlines

(415) 273-7328 Betty Chen

Alex Pham (415) 273-7315

RETAIL/CONSUMER MARKET RESEARCH

Gabriella Santaniello (213) 688-4557

#### INDUSTRIAL GROWTH TECHNOLOGY

Clean Technology

Craig Irwin (212) 938-9926

**Environmental Services** 

Al Kaschalk (213) 688-4539

Industrial Biotechnology

Liana Moussatos, Ph.D. (415) 263-6626

Christopher N. Marai, Ph.D. (415) 274-6861

Water and Renewable Energy Solutions

David Rose, CFA (213) 688-4319 TECHNOLOGY, INTERNET, MEDIA & SOCIAL MEDIA

**Communications Equipment** 

Rohit Chopra (212) 668-9871 Sanjit Singh (212) 938-9922 Ryan Flanagan (212) 938-9942

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Gil B. Luria (213) 688-4501 (213) 688-4429 Aaron Turner

**Enterprise Software** 

Steve Koenig (415) 274-6801

Entertainment: Retail

Michael Pachter (213) 688-4474 Nick McKay (213) 688-4343 Alicia Reese (212) 938-9927

**Entertainment: Software** 

Michael Pachter (213) 688-4474 (213) 688-4343

Nick McKay

Internet and E-Commerce

Michael Pachter (213) 688-4474 (213) 688-4343 Nick McKay Alicia Reese (212) 938-9927

Media

James Dix, CFA (213) 688-4315 (212) 938-9927 Alicia Reese

**Movies and Entertainment** 

Michael Pachter (213) 688-4474 Nick McKay (213) 688-4343 Alicia Reese (212) 938-9927

Semiconductors

(415) 274-6869 Betsy Van Hees Ryan Jue, CFA (415) 263-6669

LIFE SCIENCES

Biotechnology/Biopharmaceuticals/BioDefense

(415) 274-6863 Gregory R. Wade, Ph.D. David M. Nierengarten, Ph.D. (415) 274-6862 Christopher N. Marai, Ph.D. (415) 274-6861

Cardiovascular, Hepatic and Devices

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Liana Moussatos. Ph.D. (415) 263-6626 Richard Lau (415) 274-6851 Christopher N. Marai, Ph.D. (415) 274-6861

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(213) 688-4470 / (800) 444-8076 (213) 688-4470 / (800) 421-0178 Los Angeles Los Angeles San Francisco (415) 274-6800 San Francisco (415) 274-6811 (212) 938-9931 (212) 344-2382 New York New York **Boston** (617) 832-3700 Boston (617) 832-3700

**CORPORATE HEADQUARTERS** 

1000 Wilshire Blvd., Los Angeles, CA 90017-2465 Tel: (213) 688-8000 www.wedbush.com