

First Quarter 2021 Financial Results

May 4, 2021

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Mary Anne Heino President and CEO



Bob Marshall CFO and Treasurer



Mark Kinarney Sr. Director, Investor Relations



Safe Harbor Statements

Cautionary Statement Regarding Forward-Looking Statements

This document contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995, as amended, including statements regarding potential U.S. Food and Drug Administration ("FDA") approval of PyL, that are subject to risks and uncertainties and are made pursuant to the safe harbor provisions of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. Forward-looking statements may be identified by their use of terms such as "anticipate," "believe," "confident," "could," "estimate," "expect," "intend," "may," "plan," "predict," "forject," "target," "will" and other similar terms. Such forward-looking statements are based upon current plans, estimates and expectations that are subject to risks and uncertainties that could cause actual results to materially differ from those described in the forward-looking statements. The inclusion of forward-looking statements should not be regarded as a representation that such plans, estimates and expectations will be achieved. Readers are cautioned not to place undue reliance on the forward-looking statements contained herein, which speak only as of the date hereof. The Company undertakes no obligation to publicly update any forward-looking statement, whether as a result of new information, future developments or otherwise, except as may be required by law. Risks and uncertainties that could cause our actual results to materially differ from those described in the forward-looking statements include: (i) the impact of the global COVID-19 pandemic on our business, financial conditions or prospects, or on the timing and enrollment of our clinical trials; (ii) continued market expansion and penetration for our commercial products, particularly DEFINITY, in the face of segment competition and potential generic competition as a result of patent and regulatory exclusivity expirations; (iii) our efforts in new product development, including for PyL, our prostate cancer diagnostic imaging agent, including our ability to obtain FDA approval of PyL in 2021, and new clinical applications for our products; (iv) our dependence upon third parties for the manufacture and supply of PyL and the timing of that manufacturing capacity becoming available; (v) the global Molybdenum-99 supply; (v) our products manufactured at Jubilant HollisterStier and our recently-approved modified formulation of DEFINITY ("DEFINITY RT") to be commercially manufactured at Samsung Biologics; (vii) the continued integration of the Progenics product and product candidate portfolio into our business following the June 2020 consummation of the Progenics acquisition; (viii) our ability to use in-house manufacturing capacity; (ix) the expected timing for commercialization of products we or our strategic partners may develop, including flurpiridaz F 18; (x) our ability to develop highly contextualized assessments of disease burden using artificial intelligence; and (xi) the risk and uncertainties discussed in our filings with the Securities and Exchange Commission (including those described in the Risk Factors section in our Annual Reports on Form 10-K and our Quarterly Reports on Form 10-Q)

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Non-GAAP Financial Measures

The Company uses non-GAAP financial measures, such as adjusted net income and its line components; adjusted net income per share - fully diluted; and free cash flow. The Company's management believes that the presentation of these measures provides useful information to investors. These measures may assist investors in evaluating the Company's operations, period over period. However, these measures may exclude items that may be highly variable, difficult to predict and of a size that could have a substantial impact on the Company's reported results of operations for a particular period. Management uses these and other non-GAAP measures internally for evaluation of the performance of the business, including the allocation of resources and the evaluation of results relative to employee performance compensation targets. Investors should consider these non-GAAP measures only as a supplement to, not as a substitute for or as superior to, measures of financial performance prepared in accordance with GAAP.



Diversified Portfolio

Our diversified portfolio of commercial and pipeline assets position the company for sustained and diversified revenue growth



Continued to successfully execute against our financial and operational strategies while keeping the safety of Lantheus employees a top priority

Nearly one year after we acquired Progenics:

Execution against our established milestones is well advanced

Significantly invested in our business while overachieving on target run-rate savings

Diversified Portfolio Positions the Company for Sustained and Diversified Revenue Growth

THREE PORTFOLIO CATEGORIES



*FDG sales are 2020 through January 2021 due to divestiture of Puerto Rico operations; **product candidates; ***Revenue willbe reported under the Radiopharmaceutical Oncology category.

Precision Diagnostics

Technelite

DEFINITY is an injectable ultrasound enhancing agent that enhances clinicians' view of the left ventricle of the heart during an echocardiogram to aid with diagnosis

VIAL (Perflutren Lipid Microsphere)

TechneLite is a Technetium (Tc-99m) generator that provides the essential nuclear material used by radiopharmacies to radiolabel Cardiolite, Neurolite and other Tc-99mbased radiopharmaceuticals used in nuclear medicine procedures Xenon-133 is an inhaled radiopharmaceutical imaging agent primarily used to image the lungs and evaluate pulmonary function and may also be used to assess cerebral blood flow

Xenon

Xe 133 Gas

DEFINITY: A Trusted Choice for Nearly 20 Years

PRECISION DIAGNOSTICS





- Recovery of our business beginning in early February
- Sales team continued to engage through digital technology, including virtual training programs, adding in-person meetings as available; however, this is regionally dependent
- Remain on-track to submit our sNDA for in-house manufacturing later in 2021
 - Provides supply chain redundancy
 - Margin expansion opportunity

Key Commercial Nuclear Medicine Products

PRECISION DIAGNOSTICS



- Continue to see demand build back toward pre-COVID levels
- Molybdenum-99 supply steady throughout quarter
- International transportation logistics remain complex



 Continues to be negatively impacted by limited utilization of in-hospital respiratory inhalation procedures due to concern of COVID-19 transmission

Radiopharmaceutical Oncology

AZEDRA is a precision radiopharmaceutical therapy for rare neuroendocrine tumors – pheochromocytomas and paragangliomas

AZEDRA

iobenguane 1131 injection for intravenous use

PyL (also known as 18F-DCFPyL) is a fluorine 18-based PSMA-targeted PET imaging agent for prostate cancer that enables visualization of primary tumors as well as bone and soft tissue metastases 1095 (also known as I-131-1095) is a PSMAtargeted iodine-131 labeled small molecule that is designed to deliver beta radiation directly to prostate cancer cells with minimal impact on the surrounding healthy tissues

PyL image from Pouliot F. J Clin Oncol. 2020;38(suppl 6): abstract 9.

AZEDRA[®]: First and Only FDA Approved Treatment for Patients with Advanced or Metastatic Pheochromocytoma or Paraganglioma

RADIOPHARMACEUTICAL ONCOLOGY



- Presented updated biochemical tumor marker data from our pivotal Phase 2 trial at the Endocrine Society's 2021 Annual Meeting, ENDO 2021
- Commenced new marketing initiatives to increase awareness of the diseases and treatment options
- Developed a new Medical Affairs plan to facilitate peer-to-peer education
- Added new centers of excellence to expand treatment options for patients and allow us to supply AZEDRA to new patients located in new geographies

Robust Pipeline with Promising Value Drivers

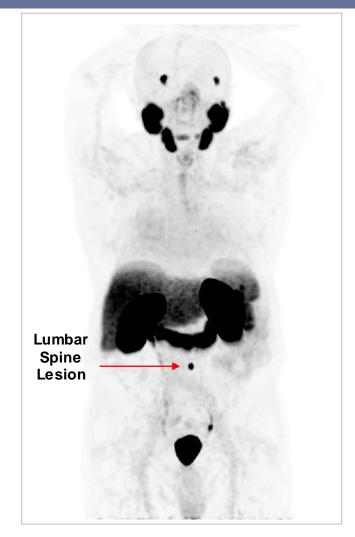
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	DISCOVERY	PRECLINICAL	PHASE 1	PHASE 2	PHASE 3	FDA REVIEW
INTERNAL	PyL Prostate Cancer Dx	(
	1095 Prostate Cancer T	x				
	aPROMISE PSMA AI Ap	olication				
	LMI 1195 NET Dx					
PARTNERED	flurpiridaz Myocardial F	Perfusion Dx			GE Healt	Icare
	NM-01 PDL-1 Dx		NANOMAB			
	NTI-1309 FAP Dx		NORIA THERAPEUTICS, INC.			
	PyL Prostate Cancer Dx	(Europe)			CUCIUN	
	1404 Prostate Cancer D)x				RØTØP
	PSMA TTC Prostate Car	ncer Tx	BAPER			
	Cerevast Retinal Vein O	occlusion Tx ¹		CERI	VAST	
	CarThera Glioblastoma	Tx ¹			THERA repy Through Innovation	
	Insightec Glioblastoma	Tx ¹	INS	IGHTEC		
	AHN Xerostomia Tx ¹		♦ AHN			

(1) Using Lantheus microbubble.

PyL: Best-in-Class PSMA Imaging Agent for Prostate Cancer

PyL NDA Accepted by FDA and Granted Priority Review with PDUFA Action Date of May 28, 2021



PyL (18F-DCFPyL) is a prostate specific membrane antigen (PSMA)-targeted positron emission tomography (PET) imaging agent for prostate cancer

- Enables visualization of localized prostate cancer, as well as bone and soft tissue metastases
- PSMA is highly specific to prostate cancer cells, not confounded by degenerative or inflammatory conditions
- 110-minute half-life enables broad distribution to PET imaging centers or hospitals

Anterior w hole-body-18F-DCFPyL (PyL) -MIP image from CONDOR trial

PyL: Strong Diagnostic Performance Across Prostate Cancer Disease Continuum





CONDOR Study

Diagnostic Performance of 18F-DCFPyL-PET/CT in Men with Biochemically Recurrent Prostate Cancer: Results from the CONDOR Phase 3, Multicenter Study

OSPREY Study

A Phase 2/3 Prospective Multicenter Study of Diagnostic Accuracy of Prostate-Specific Membrane Antigen PET/CT with 18F-DCFPyL in Prostate Cancer Patients (OSPREY)

PyL Pivotal Studies

OSPREY



CONDOR

Establish the safety and diagnostic performance of PyL imaging across the prostate cancer disease continuum

PyL NDA

Two pivotal trials support the filing of the NDA which was granted Priority Review

PyL Commercial Preparedness Activities

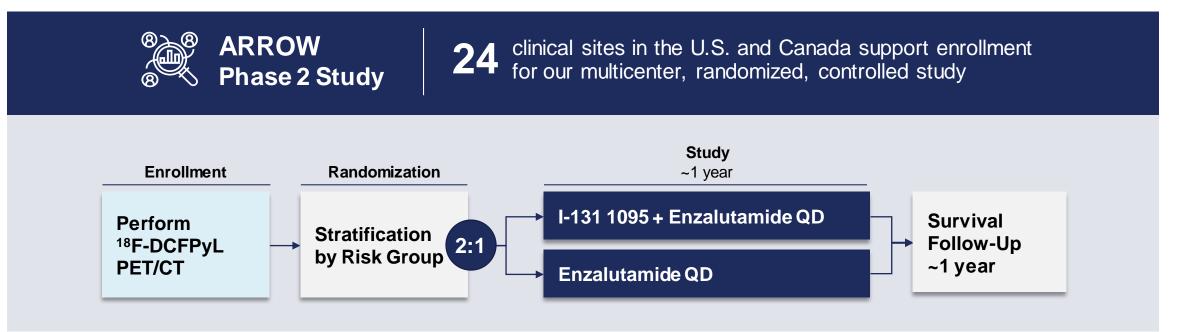


Patient Advocacy Groups

1095 Phase 2 Trial Progressing

PSMA-targeted small molecule therapeutic for metastatic castration-resistant prostate cancer (mCRPC)

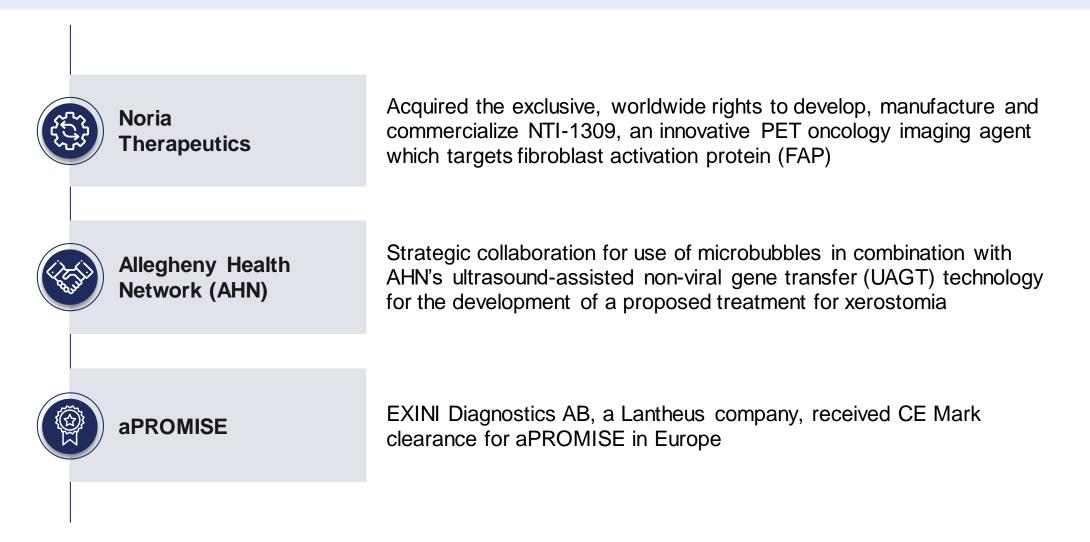
PSMA-targeted iodine-131 labeled small molecule that is designed to deliver beta radiation directly to prostate cancer cells with minimal impact on the surrounding healthy tissues



Study paused in April 2020 to minimize risk to subjects and healthcare providers during the pandemic; new enrollment restarted in October 2020

Recent Developments Across Our Pharma Services & Digital Solutions Portfolio

STRATEGIC PARTNERSHIPS & OTHER

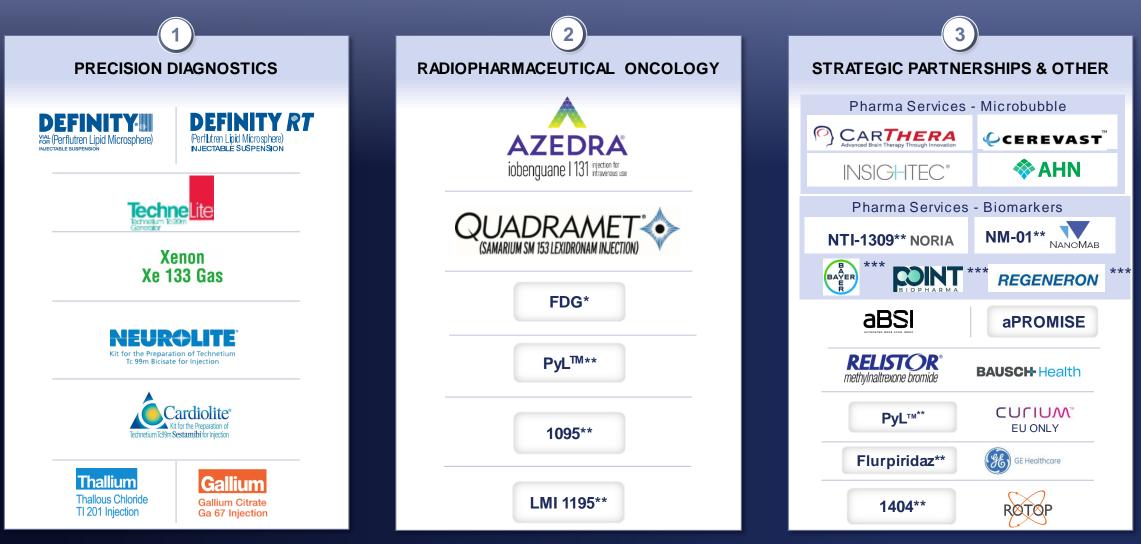






Diversified Portfolio Positions the Company for Sustained and Diversified Revenue Growth

THREE PORTFOLIO CATEGORIES



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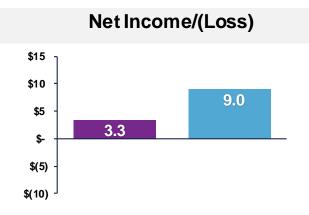
Q1 2021 Financial Highlights¹

Unrestricted Cash and Cash Equivalents at 3/31/2021: \$68.9M

Q1 2021

Q1 2020

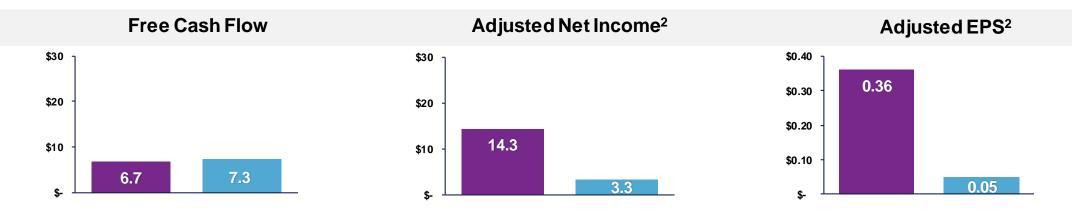








\$0.14

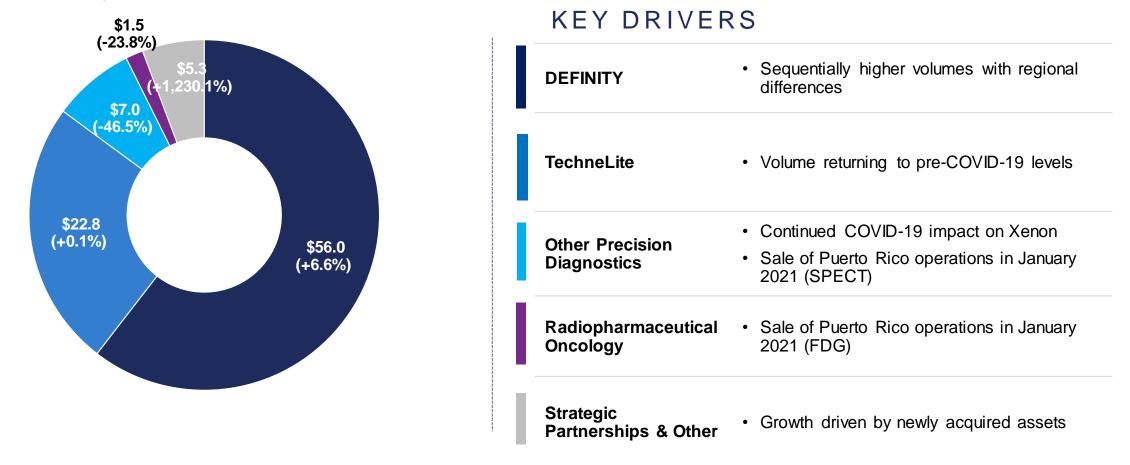


(1) See supplemental information at www.lantheus.com. (2) See slide 33 for a reconciliation of GAAP to non-GAAP financials.

Q1 2021 Revenue Highlights

Reported: WW \$92.5M, 2.0% growth YoY

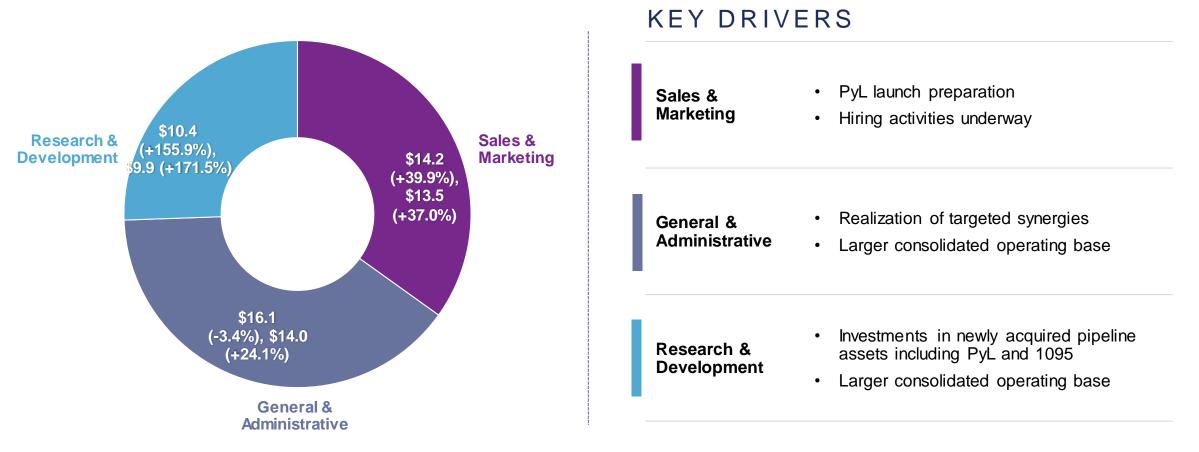
USD in millions, YoY Quarterly Growth



Q1 2021 Operating Expense Highlights

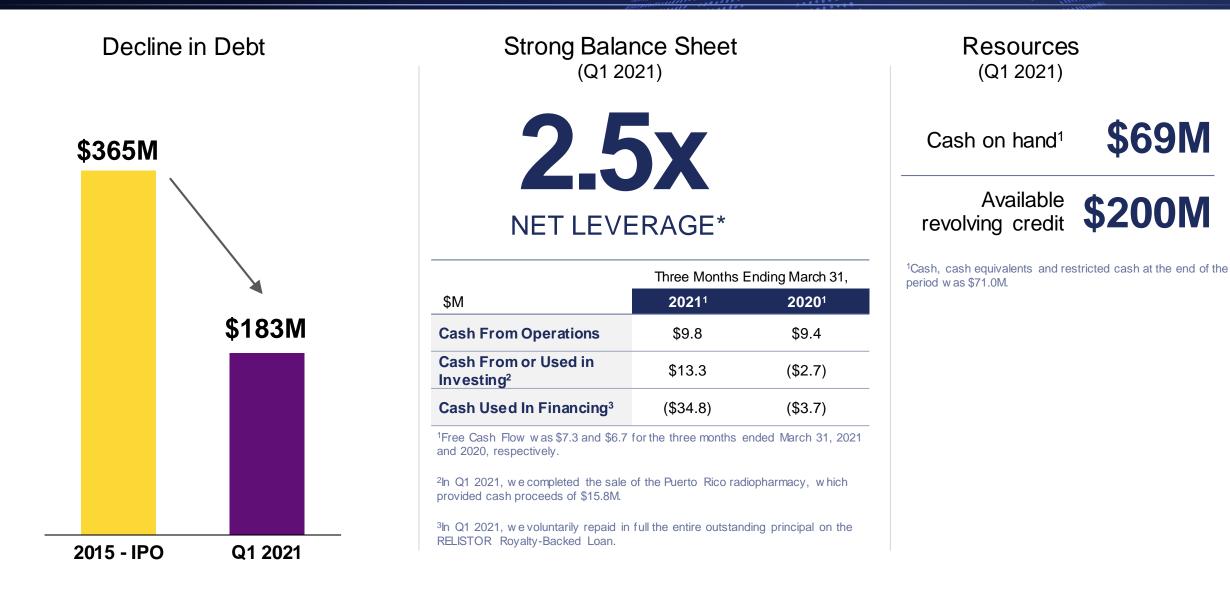
Reported: \$40.7M, +31.7% YoY Adjusted: \$37.5M, +51.0% YoY

USD in millions, YoY Quarterly Growth



Presentation format GAAP dollars and percent YoY change listed first, the equivalent adjusted results below

Strong Balance Sheet and Financial Flexibility Sets Foundation for Growth



*The net leverage ratio presented relates directly to the Company's June 2019 Credit Facility covenant calculation.

Q2 2021 and Updated FY 2021 Financial Guidance¹

Guidance Issued May 4, 2021

The Company guidance for the second quarter and updated for the full year 2021 is as follows:

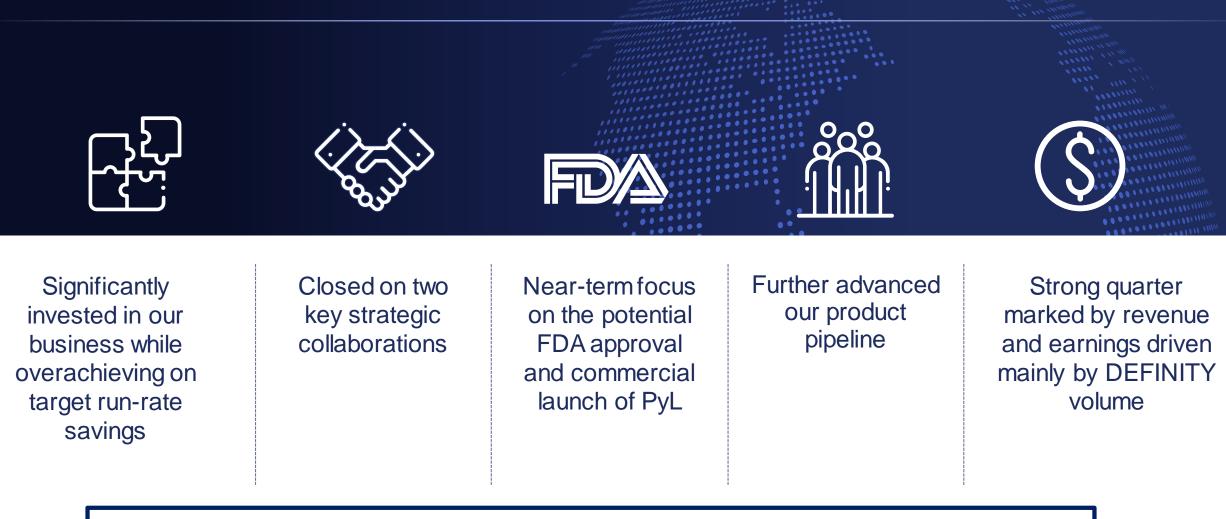
 Q2	Revenue ²	\$93 million - \$97 million					
FY 2021	Adjusted Fully Diluted EPS ^{2,3}	\$0.03 - \$0.06					
	Prior Revenue ²	\$385 million - \$400 million					
FY 2021	Current Revenue ²	\$390 million - \$400 million					
	Prior Adjusted Fully Diluted EPS ^{2,3}	\$0.34 - \$0.39					
	Current Adjusted Fully Diluted EPS ^{2,3}	\$0.36 - \$0.41					

(1) On a forw ard-looking basis, the Company does not provide GAAP income per common share guidance or a reconciliation of adjusted fully diluted EPS to GAAP income per common share because the Company is unable to predict with reasonable certainty business development and acquisition-related expenses, purchase accounting fair value adjustments, and any one-time, non-recurring charges. These items are uncertain, depend on various factors, and could be material to results computed in accordance with GAAP. As a result, it is the Company's view that a quantitative reconciliation of adjusted fully diluted EPS on a forw ard-looking basis is not available without unreasonable effort.

- (2) Sale of Lantheus' Puerto Rico radiopharmacy and PET manufacturing facility closed on January 29, 2021. During 2020, the Puerto Rico business generated \$10.7M of Net Revenue and \$1.8M of Adjusted Net Income; FY 2021 guidance excludes contribution from the Puerto Rico, assumption of broad COVID-19 vaccination distribution and approval of PyL on the May 28, 2021 PDUFA date.
- (3) FY 2021 guidance assumes fully diluted, weighted avg. shares outstanding of 69M-70M, and depreciation and amortization of ~\$15M and ~\$25M, respectively.



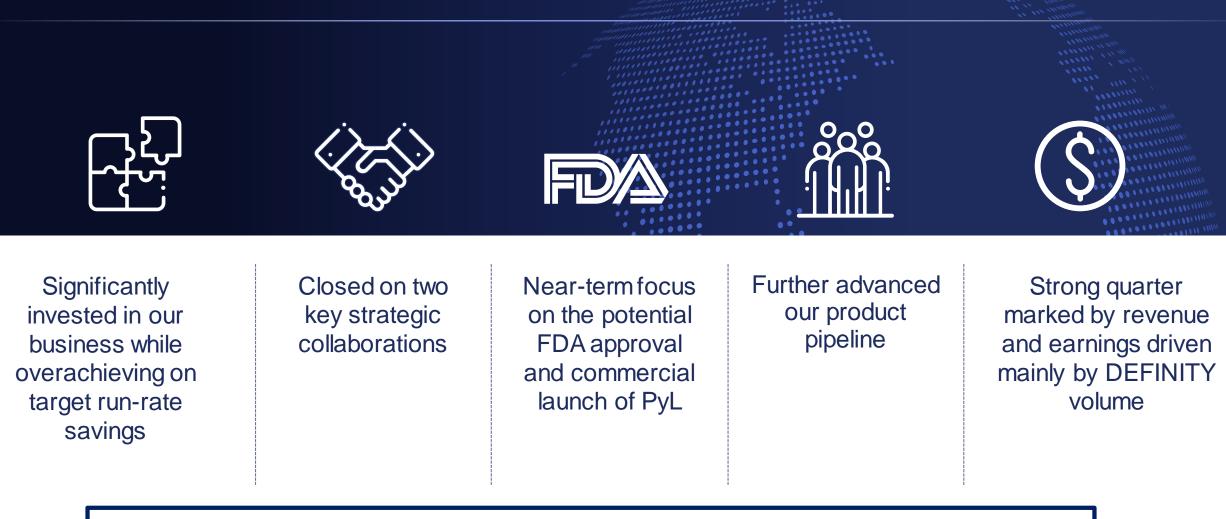
Key Takeaways for First Quarter 2021



Accomplished all while protecting the safety of our employees



Key Takeaways for First Quarter 2021



Accomplished all while protecting the safety of our employees



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Appendix

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Condensed Consolidated Statement of Operations – Q1 2021

	Q1	Q1			
(in thousands, except per share data - unaudited)	Amount	% Revenue	Amount	% Revenue	% Increase/ (Decrease)
Revenues	\$ 92,509	100.0	\$ 90,704	4 100.0	2.0
Cost of goods sold	51,479	55.6	52,702	2 58.1	(2.3)
Gross profit	41,030	44.4	38,00	2 41.9	8.0
Operating expenses					
Sales and marketing	14,173	15.3	10,13) 11.2	39.9
General and administrative	16,138	17.4	16,699	9 18.4	(3.4)
Research and development	10,360	11.2	4,04	3 4.5	155.9
Total operating expenses	40,671	44.0	30,87	7 34.0	31.7
Gain on sale of assets	15,263	16.5	-	-	N/A
Operating income	15,622	16.9	7,12	5 7.9	119.3
Interest expense	2,718	2.9	1,940	5 2.1	39.7
Gain on extinguishment of debt	(889)) (1.0)	-	-	N/A
Other income	(549)) (0.6)	(35)	0) (0.4)	56.9
Income before income taxes	14,342	15.5	5,529	9 6.1	159.4
Income tax expense	5,334	5.8	2,192	2 2.4	143.3
Net income	\$ 9,008	9.7	\$ 3,33	7 3.7	169.9
Net income per common share - diluted	\$ 0.13		\$ 0.08	3	
Weighted-average common shares outstanding - diluted	67,714	_	40,10	2	

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	(Q1 2021			Q1 :		
(in thousands, except per share data - unaudited)	Amou	nt	% Revenue	Α	mount	% Revenue	% Increase/ (Decrease)
Revenues	\$ 92,5		100.0	\$	90,704	100.0	2.0
Cost of goods sold	46,0		49.7		44,312	48.9	3.8
Gross profit	46,4	92	50.3		46,392	51.1	0.2
Operating expenses							
Sales and marketing	13,	531	14.6		9,877	10.9	37.0
General and administrative	14,0)03	15.1		11,280	12.4	24.1
Research and development	9,9	935	10.7		3,659	4.0	171.5
Total operating expenses	37,4	169	40.5		24,816	27.4	51.0
Operating income	9,0)23	9.8		21,576	23.8	(58.2)
Interest expense	2,7	718	2.9		1,946	2.1	39.7
Other income	(2	242)	(0.3)		(350)) (0.4)	(30.9)
Income before income taxes	6,5	547	7.1		19,980	22.0	(67.2)
Income tax expense	3,2	251	3.5		5,698	6.3	(42.9)
Net income	\$ 3,2	296	3.6	\$	14,282	15.7	(76.9)
Net income per common share - diluted	\$ 0	.05		\$	0.36		
Weighted-average common shares outstanding - diluted	67,1	14			40,102	_	

(1) See supplemental information at www.lantheus.com. (2) See slide 30 for a reconciliation of GAAP to non-GAAP financials.

Reconciliation of GAAP to Non-GAAP Financial Measures (in thousands, except per share data – unaudited)

		Three Mor Marc				
		2021		2020		
Net income	\$	9,008	\$	3,337		
Stock and incentive plan compensation		3,317	_	3,075		
Amortization of acquired intangible assets		4,685		392		
Acquired debt fair value adjustment		(307)		_		
Contingent consideration fair value adjustments		300				
Non-recurring severance related fees		436		_		
Extinguishment of debt		(889)		_		
Gain on sale of assets		(15,263)		_		
Integration costs		19		2,372		
Acquisition-related costs		(103)		1,412		
Impairment of long-lived assets		—		7,275		
Other		10		(75)		
Income tax effect of non-GAAP adjustments ^(a)		2,083		(3,506)		
Adjusted net income	\$	3,296	\$	14,282		
Adjusted net income, as a percentage of revenues	_	3.6 %		15.7 %		

	Three Mon Marc		nded		
	2021	2020			
Net income per share - diluted	\$ 0.13	\$	0.08		
Stock and incentive plan compensation	0.05		0.08		
Amortization of acquired intangible assets	0.08		0.01		
Acquired debt fair value adjustment	(0.01)		_		
Contingent consideration fair value adjustments	0.01		—		
Non-recurring severance related fees	0.01	_			
Extinguishment of debt	(0.01)		—		
Gain on sale of assets	(0.23)		_		
Integration costs	_		0.06		
Acquisition-related costs	(0.01)		0.04		
Impairment of long-lived assets	_		0.18		
Other	_		_		
Income tax effect of non-GAAP adjustments ^(a)	0.03		(0.09)		
Adjusted net income per share - diluted	\$ 0.05	\$	0.36		
Weighted-average common shares outstanding - diluted	67,714		40,102		

The income tax effect of the adjustments between GAAP net income and non-GAAP adjusted net income takes into account the tax treatment and related tax rate that apply to each adjustment in the applicable tax jurisdiction.

(a)

Consolidated Statement of Operations (in thousands, except per share data – unaudited)

	Three Mor Marc	nths E ch 31,	
	2021		2020
Revenues	\$ 92,509	\$	90,704
Cost of goods sold	 51,479		52,702
Gross profit	41,030		38,002
Operating expenses			
Sales and marketing	14,173		10,130
General and administrative	16,138		16,699
Research and development	10,360		4,048
Total operating expenses	 40,671	_	30,877
Gain on sale of assets	15,263		_
Operating income	 15,622	_	7,125
Interest expense	2,718		1,946
Gain on extinguishment of debt	(889)		_
Other income	(549)		(350)
Income before income taxes	\$ 14,342	\$	5,529
Income tax expense	 5,334		2,192
Net income	\$ 9,008	\$	3,337
Net income per common share:	 	_	
Basic	\$ 0.13	\$	0.08
Diluted	\$ 0.13	\$	0.08
Weighted-average common shares outstanding:	 	_	
Basic	 67,094		39,433
Diluted	67,714	_	40,102

Consolidated Revenues Analysis (in thousands – unaudited)

	Three Months Ended March 31,								
		2021		2020 (1)	% Change				
DEFINITY	\$	55,971	\$	52,505	6.6 %				
TechneLite		22,800		22,779	0.1 %				
Other precision diagnostics		6,984		13,057	(46.5)%				
Total precision diagnostics		85,755		88,341	(2.9)%				
Radiopharmaceutical oncology		1,500		1,968	(23.8)%				
Strategic partnerships and other		5,254		395	1,230.1 %				
Total net revenues	\$	92,509	\$	90,704	2.0 %				

The Company reclassified rebates and allowances of \$4.7 million for the three months ended March 31, 2020 within each product category, which included \$4.3 million for DEFINITY, \$0.3 million for TechneLite and \$0.1 million for other precision diagnostics.

Reconciliation of Free Cash Flow (in thousands – unaudited)

	Three Months Ended March 31,					
			2020			
Net cash provided by operating activities	\$	9,818	\$	9,408		
Capital expenditures		(2,520)		(2,698)		
Free cash flow	\$	7,298	\$	6,710		

Condensed Consolidated Balance Sheet (in thousands – unaudited)

	1	March 31, 2021	December 31, 2020		
Assets					
Current assets					
Cash and cash equivalents	\$	68,861	\$	79,612	
Accounts receivable, net		58,991		54,002	
Inventory		30,357		35,744	
Other current assets		10,145		9,625	
Assets held for sale				5,242	
Total current assets		168,354		184,225	
Property, plant and equipment, net		118,381		120,171	
Intangibles, net		371,331		376,012	
Goodwill		61,189		58,632	
Deferred tax assets, net		62,832		70,147	
Other long-term assets		61,361		60,634	
Total assets	\$	843,448	\$	869,821	
Liabilities and stockholders' equity					
Current liabilities					
Current portion of long-term debt and other borrowings	\$	10,251	\$	20,701	
Accounts payable		19,099		16,284	
Accrued expenses and other liabilities		35,240		41,726	
Liabilities held for sale		_		1,793	
Total current liabilities		64,590		80,504	
Asset retirement obligations		14,408		14,020	
Long-term debt, net and other borrowings		171,474		197,699	
Other long-term liabilities		64,857		63,393	
Total liabilities		315,329		355,616	
Total stockholders' equity		528,119		514,205	
Total liabilities and stockholders' equity	\$	843,448	\$	869,821	

Supplemental Revenue Information (unaudited)

		Gross Revenue - Excluding Repares and Anowances																		
	2019							2020												
(in millions)		Q1		Q2		Q3		Q4		Total		Q1		Q2		Q3		Q4]	Total
DEFINITY	\$	51.1	\$	54.6	\$	52.4	\$	59.4	\$	217.5	\$	56.8	\$	40.4	\$	55.4	\$	60.7	\$	213.3
TechneLite		24.1		20.1		21.7		20.6		86.5		23.1		18.9		21.5		22.7		86.2

Gross Revenue -	 Excluding Rebates 	and Allowances

	Net Revenue - Including Rebates and Allowances																	
	2019					2020												
<u>(in millions)</u>		Q1		Q2		Q3	Q4	 Total		Q1		Q2		Q3		Q4		Total
DEFINITY	\$	47.6	\$	50.7	\$	48.8	\$ 55.3	\$ 202.4	\$	52.5	\$	37.1	\$	50.4	\$	55.9	\$	195.9
TechneLite		23.9		19.8		21.5	20.3	85.5		22.8		18.7		21.1		22.4		85.0

OSPREY and CONDOR: Safety of 18F-DCFPyL in All Subjects

Preferred Term	All Subjects N=593 n (%)
Any treatment-emergent Adverse Event	30 (5.1)
Headache	9 (1.5)
Dysgeusia	9 (1.3)
Fatigue	4 (0.7)
Dizziness	1 (0.2)
Hyperaesthesia	1 (0.2)
Migraine	1 (0.2)
Visual field defect	1 (0.2)
Application site rash	1 (0.2)
Chest discomfort	1 (0.2)
Feeling abnormal	1 (0.2)
Injection site pain	1 (0.2)
Arthralgia	1 (0.2)
Muscular weakness	1 (0.2)
Pain in extremity	1 (0.2)
Rash	1 (0.2)
Dry skin	1 (0.2)
Rashgeneralized	1 (0.2)
Dehydration	1 (0.2)
Dysuria	1 (0.2)
Vertigo	1 (0.2)
Hypersensitivity	1 (0.2)
Disorientation	1 (0.2)

- 30 (5.1%) patients experienced at least one treatment-emergent adverse event
- The most frequently reported adverse events (>0.5%) were headache, dysgeusia, and fatigue
- Hypersensitivity reaction was the single drug related Grade 3 adverse events reported in one patient with significant history of allergic reactions

Approved Products













Gallium Citrate Ga 67 Injection





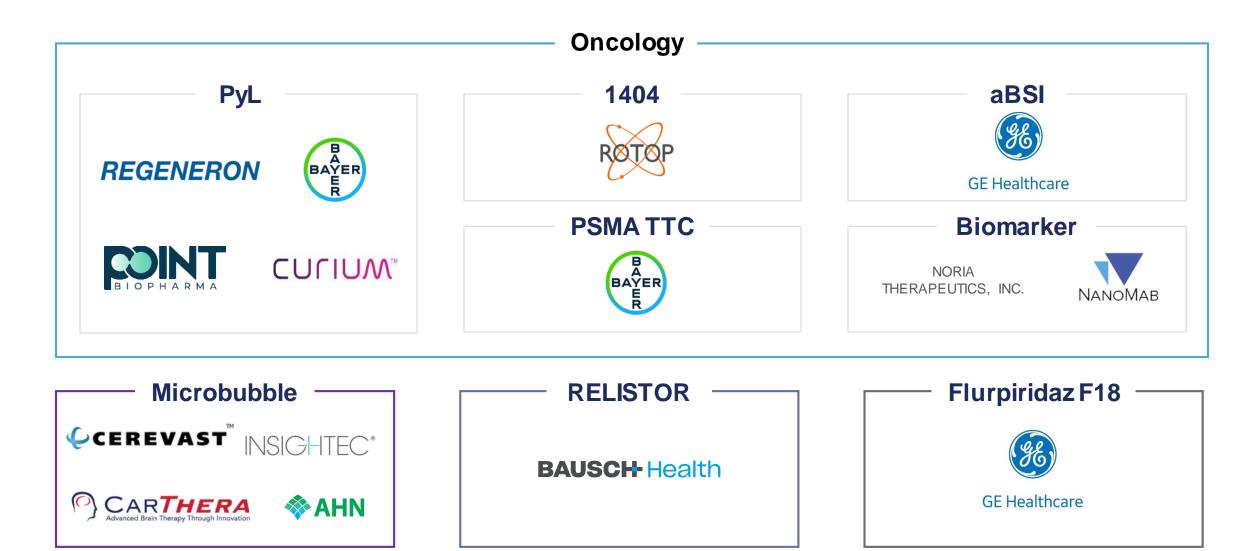






Thallous Chloride TI 201 Injection Xenon Xe 133 Gas

Strategic Partnerships Across Our Portfolio





Q1 2021 Financial Results

May 4, 2021

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