UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

FORM 8-K

CURRENT REPORT Pursuant to Section 13 or 15(d)

of The Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): July 13, 2021

IMARA INC.

(Exact Name of Registrant as Specified in its Charter)

Delaware (State or Other Jurisdiction of Incorporation)

001-39247 (Commission File Number) 81-1523849 (IRS Employer Identification No.)

116 Huntington Avenue, 6th Floor Boston, Massachusetts (Address of Principal Executive Offices)

02116 (Zip Code)

Registrant's telephone number, including area code: (617) 206-2020

Not Applicable (Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

□ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

□ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

Dere-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

D Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered or to be registered pursuant to Section 12(b) of the Act.

Title of each class	Trading	Name of each exchange
1 Itle of each class	Symbol(s)	on which registered
Common Stock, par value \$0.001 per share	IMRA	The Nasdaq Stock Market LLC

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Item 8.01 Other Events.

From time to time, IMARA Inc. (the "Company") conducts meetings with third parties in which the Company utilizes a corporate slide presentation. A copy of the Company's current corporate slide presentation is attached as Exhibit 99.1 to this Current Report on Form 8-K. The attached presentation is incorporated herein by reference.

Exhibit No.	Description
99.1	Corporate Present

Corporate Presentation

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

IMARA INC.

Date: July 13, 2021

By: <u>/s/ Rahul D. Ballal</u> Rahul D. Ballal President and Chief Executive Officer



Advancing Novel Treatments for Hemoglobin Disorders

Corporate Deck: July 2021

CONFIDENTIAL



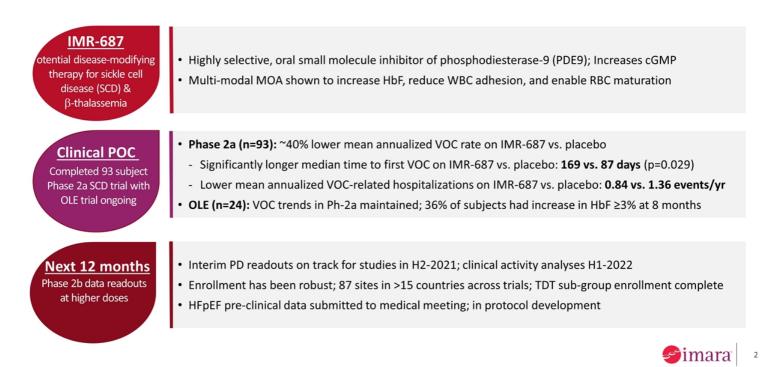
Forward-Looking Statements and Disclaimer

This presentation may contain forward-looking statements within the meaning of The Private Securities Litigation Reform Act of 1995. These statements include, but are not limited to, (i) the clinical trial design and timing with respect to reporting of data from the Ardent and Forte Phase 2b clinical trials in patients with sickle cell disease and beta-thalassemia, (ii) the Company's development plans for IMR-687 in heart failure with preserved ejection fraction, (iii) the Company's beliefs regarding the strength of its clinical data, the tolerability and therapeutic potential of IMR-687 and advancement of its clinical program and (iv) financial guidance regarding the Company's projected operating expenses and sufficiency of the Company's capital resources to fund its operations into mid-2022. The words "anticipate," "believe," "continue," "could," "estimate," "expect," "intend," "may," "plan," "potential," "predict," "project," "should," "target," "will," and similar expressions are intended to identify forward-looking statements, although not all forward-looking statements contain these identifying words. Actual results may differ materially from those indicated by such forward-looking statements as a result of various important factors, including, among others: the impact of extraordinary external events, such as the substantial risks and uncertainties resulting from the impact of the COVID-19 pandemic on the Company's business, operations, strategy, goals and anticipated milestones, including its ongoing and planned research activities and ability to dose and readout data from its OLE clinical trial of IMR-687 in sickle cell disease and its Ardent and Forte Phase 2b clinical trials of IMR-687 in sickle cell disease and beta-thalassemia; the Company's ability to advance the development of IMR-687 under the timelines it currently projects, demonstrate in any clinical trials the requisite safety and efficacy of IMR-687, replicate scientific and non-clinical data in clinical trials, obtain and maintain necessary regulatory approvals, obtain, maintain and enforce necessary patent and other intellectual property protection, identify, enter into and maintain collaboration agreements with third parties, manage competition, manage expenses, raise the substantial additional capital needed to achieve its business objectives, attract and retain qualified personnel, and successfully execute on its business strategies; and other factors discussed in the "Risk Factors" section of the Company's most recent Quarterly Report on Form 10-Q, which is on file with the Securities and Exchange Commission. Any forward-looking statements contained in this presentation speak only as of the date of this presentation, and the Company expressly disclaims any obligation to update any forward-looking statement, whether as a result of new information, future events or otherwise. The Company expects that subsequent events will cause the Company's views to change.

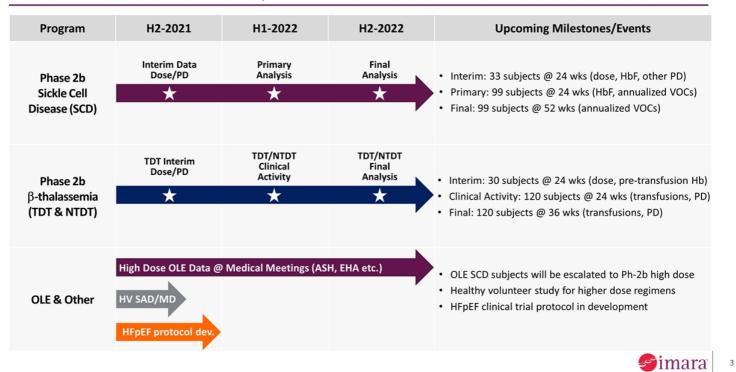
This presentation also contains estimates and other statistical data made by independent parties and by us relating to market size and other data about our industry. This data involves a number of assumptions and limitations, and you are cautioned not to give undue weight to such data and estimates. In addition, projections, assumptions and estimates of our future performance and the future performance of the markets in which we operate are necessarily subject to a high degree of uncertainty and risk. Neither we nor our affiliates, advisors or representatives makes any representation as to the accuracy or completeness of that data or undertake to update such data after the date of this presentation.



Overview: Phase 2b Company with Clinical Proof-of-Concept in SCD



Imara: Several Readouts Expected in Next 12 Months



Imara: Experienced Leadership and BOD



Rahul Ballal, PhD, CEO

- Versant Ventures EIR, CBO Northern Biologics
- Vice President, Business Development, Flexion (NASDAQ: FLXN)

Michael Gray, MBA, CFO and COO

- CFO/COO/CBO of Arsanis (NASDAQ:ASNS), Curis (NASDAQ:CRIS)
- Director, Therapeutics Acquisition Corp. (NASDAQ: RACA)

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Ken Attie, MD, SVP and CMO

- VP of Medical Research at Acceleron, developed Luspatercept
- Altus Pharmaceuticals, Insmed, Inc. and Genentech, Inc.



Lynette Hopkinson, SVP, Regulatory Affairs & Quality

VP, Global Head of of CF Regulatory Strategy and Comm Affairs, VertexEisai, Genentech



Steve Migausky, General Counsel

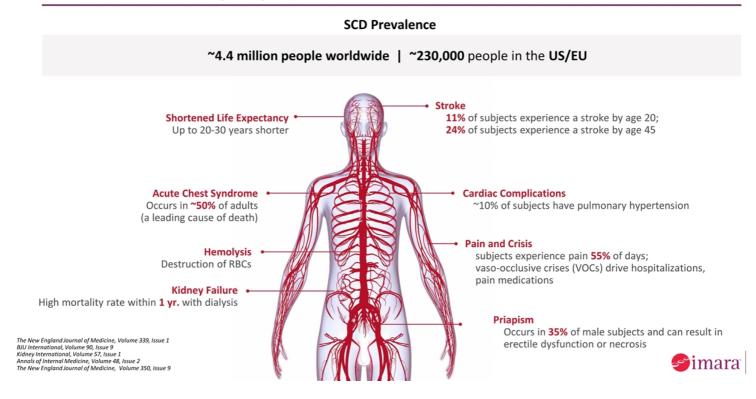
General Counsel, ArQule (NASDAQ: ARQL) (acquired by Merck)
 Vertex, WilmerHale

Board of Directors

- David Mott, Independent (Chair)
- Laura Williams, MD, Ardelyx
- Rahul Ballal, PhD, CEO
- Ed Conner, MD, CMO at Audentes (An Astellas Company)
- David Bonita, MD, OrbiMed Advisors
- Mark Chin, Arix Bioscience
- Barbara Dalton, PhD, Pfizer Ventures
- Carl Goldfischer, MD, Bay City Capital
- Sara Nayeem, MD, Avoro Ventures

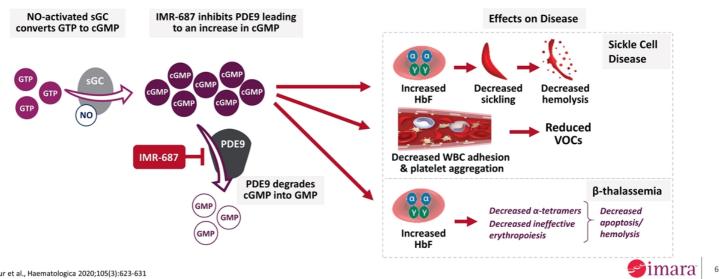


Sickle Cell Disease (SCD): Multi-Factorial Diseases with Poor Outcomes



IMR-687: Multi-modal Mechanism of Action

- Nitric oxide (NO)-cGMP pathway is dysregulated in SCD; decreased cGMP levels can lead to reduced blood flow, increased inflammation and greater cell adhesion
- Inhibition of PDE9 results in increased cGMP, which can lead to increased HbF and reduced adhesion molecules



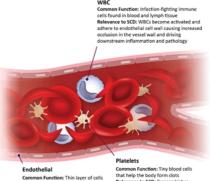
McArthur et al., Haematologica 2020;105(3):623-631

IMR-687: Potential to Impact VOCs

- Decreasing the rate of VOC episodes is an important clinical outcome measure in SCD and approvable endpoint:
 - VOCs are painful, can occur multiple times a year, and are a leading cause of ER visits, hospitalization and mortality
 - VOC pain (impacting legs, arms, back, chest, and abdomen) is difficult to manage
 - Aggregates that block blood vessels and cause VOCs consist of sickled red blood cells as well as activated white blood cells and other vascular elements
 - Targeting RBCs, adhesion and inflammation is a promising therapeutic approach to reduce VOC rate
- In Phase 2a studies, IMR-687 was shown to decrease annualized VOC rate, lengthen time to first VOC, and decrease annualized VOC-related hospitalizations vs. placebo

Vaso-Occlusive Crisis (VOC) Illustration

(blocked blood flow to tissues)



mmon Function: Thin layer of cells at line the interior surface of blood essels betwance to SCD: Plays a multi-part le in adhesion of WBCs and RBCs to be endothelium and as consequence ecome increasingly inflamed and rive downstream activation of flammatory volokines ommon Function: Tiny blood cells nat help the body form clots elevance to SCD: Express higher vesls of adhesion factors and bind to BCs, WBCs, endothelial cells, and ontribute to VOCs



IMR-687: Phase 2a Studies in Adults with SCD

Parent	 6-month* randomized, double-blind, placebo- controlled study, ± background hydroxyurea (HU) IMR-687 oral, once daily, dose escalation after 		N Parent Study		t Study
		IMR-687 Monotherapy, N=58	20		
Study			12	50 mg	100 mg
(N=93, study	1–3 months		26	100 mg	200 mg
completed)	Primary objective: Safety and tolerability	Combo IMR-687 + HU, N=35	10	10 Placebo	
	 Secondary & exploratory objectives: PK profile, 		25	50 mg	100 mg
	PD biomarkers, VOCs, patient-reported outcomes				
				ollover with (N=1 (N=7) treatment	
				(iv=/) deadlient	interruption
OLE		Open-Label Extension			
 N=7 subjects on combination IMR-687 + HU 			(OLE) Study		udy
Study . 4 (N=24, study . D ongoing)		Mono/Combo IMR-687±HU, N=24	200 mg		
	• Data presented as of 12May2021 (labs as of 29Apr2021)				

*In the monotherapy cohorts, all subjects were treated for up to 6 months

In the combination cohorts, 21 subjects were treated for up to 4 months, and 14 subjects were treated for up to 6 months



Parent Study: Baseline Demographics & Disease Characteristics

	IMR-687	/Placebo, Monot	IMR-687 + HU/Placebo + HU		
	Placebo (N=20)	50/100 mg (N=12)	100/200 mg (N=26)	Placebo (N=10)	50/100 mg (N=25)
Age, yr, median (range)	34.5 (20, 50)	34 (19 <i>,</i> 50)	29 (18, 51)	29 (19, 42)	30 (18, 51)
Gender, n: male/female	8/12	4 / 8	9 /17	1/9	10/15
Race, n: black/other or missing	19/1	12/0	25 / 1	9/1	24/1
Genotype, n (%) Homozygous HbSS Sickle-β ⁰ Thalassemia Missing	18 (90.0) 1 (5.0) 1 (5.0)	12 (100) 0 0	23 (88.5) 2 (7.7) 1 (3.8)	10 (100) 0 0	23 (92.0) 0 2 (8.0)
Baseline % HbF, mean (SD)	5.1 (3.74) n=19	13.9 (7.65)	9.5 (6.81) n=25	14.6 (7.68) N=9	15.6 (8.28) N=24
Hospitalizations for VOC in Prior Year, n (%) None 1 2 3 4 Missing	11 (55.0) 4 (20.0) 3 (15.0) 2 (10.0) 0 0	7 (58.3) 1 (8.3) 1 (8.3) 2 (16.7) 0 1 (8.3)	14 (53.9) 7 (26.9) 3 (11.5) 1 (3.8) 1 (3.8) 0	7 (70.0) 0 2 (20.0) 0 0 1 (10.0)	11 (44.0) 7 (28.0) 1 (4.0) 4 (16.0) 2 (8.0) 0

Overall: 38% of pts hospitalized for VOC in placebo groups vs. 48% of subjects in IMR-687 groups (prior year)

VOC = vaso-occlusive crisis

Parent and OLE Studies: Safety Summary

IMR-687 was well tolerated as a monotherapy and in combination with HU

- No treatment-related serious adverse events (SAEs) or treatment-related Grade ≥ 3 adverse events (AEs) in IMR-687 groups
- No clinically significant changes in laboratory safety data, ECG, or vital signs; no cases of neutropenia
- In parent study, AEs leading to treatment discontinuation occurred in 3/30 (10%) on placebo, 5/63 (8%) on IMR-687

	Adverse Events Reported in ≥20% subjects in any IMR-687 Group, N (%)					
		OLE Study				
	IMR-687/Placebo, Monotherapy			IMR-687 + HU	IMR-687 \pm HU	
	Placebo (N=20)	IMR-687 50 mg/100 mg (N=12)	IMR-687 100 mg/200 mg (N=26)	Placebo (N=10)	IMR-687 50 mg/100 mg (N=25)	IMR-687 200 mg (N=24)
Sickle cell anemia crisis	14 (70.0)	6 (50.0)	14 (53.8)	7 (70.0)	10 (40.0)	3 (12.5)
Headache	4 (20.0)	2 (16.7)	8 (30.8)	4 (40.0)	12 (48.0)	5 (20.8)
Nausea	0	2 (16.7)	8 (30.8)	5 (50.0)	4 (16.0)	3 (12.5)
Back pain	2 (10.0)	0	6 (23.1)	2 (20.0)	1 (4.0)	4 (16.7)
Upper respiratory tract infection*	2 (10.0)	3 (25.0)	1 (3.8)	2 (20.0)	2 (8.0)	1 (4.2)
Abdominal Pain	1 (5.0)	1 (8.3)	6 (23.1)	0	4 (16.0)	2 (8.3)
*includes nasopharyngitis	PRELIMINARY DATA Simara					

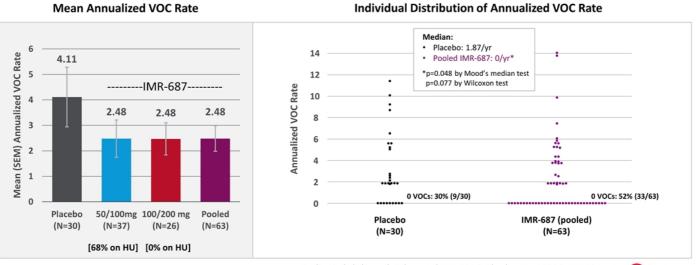
*includes nasopharyngitis

PRELIMINARY DATA

Parent Study (N=93): Annualized VOC Rate Lower on IMR-687

• VOCs, as captured in safety database, were less frequent on IMR-687 vs. placebo (includes subjects with/without HU):

- Mean annualized VOC rate: 40% lower in pooled IMR-687 vs. placebo groups
- Median annualized VOC rate: 0/yr in pooled IMR-687 vs. 1.87/yr in placebo groups
- subjects with zero VOCs: 52% (33/63) in pooled IMR-687 vs. 30% (9/30) in placebo groups



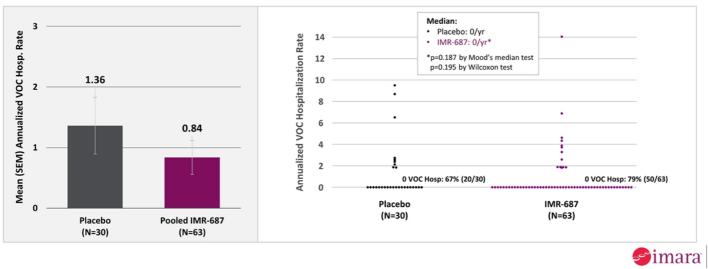
Outliers included in analysis but not shown: 33.2 in Placebo group; 20.8 in IMR-687 group 🤗imara⁻

Parent Study (N=93): Annualized VOC Hospitalization Rate Lower on IMR-687

- Historical Data: 38% of sub. hospitalized for VOC in placebo groups vs. 48% of subjects in IMR-687 groups (previous 12 months)
- VOC hospitalizations, as captured in safety database, were less frequent in pooled IMR-687 vs. placebo groups (with/without HU)
 - Mean annualized VOC hospitalization rate: 38% lower in pooled IMR-687 vs. placebo groups
 - subjects with zero VOC hospitalizations: 79% (50/63) in pooled IMR-687 vs. 67% (20/30) in placebo groups

Mean Annualized VOC Hospitalization Rate

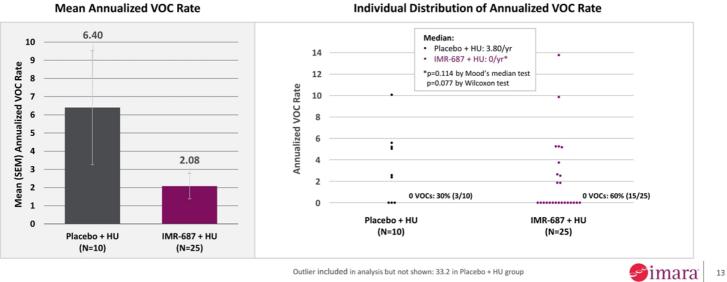
Individual Distribution of VOC Hospitalization Rate



Parent Study, on HU (N=35): Annualized VOC Rate Lower on IMR-687

• Historical Data: 22% of subjects on placebo+HU had VOC related hospitalization in the past 12 months vs. 56% in IMR-687+HU

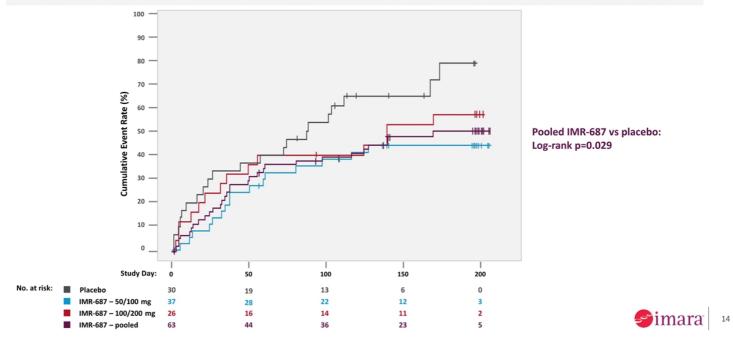
- Mean annualized VOC rate: 68% lower in IMR-687 + HU vs. placebo + HU group • Median annualized VOC rate: 0/yr in IMR-687 + HU vs. 3.8/yr in placebo + HU group
- subjects with zero VOCs: 60% (15/25) in IMR-687 + HU vs. 30% (3/10) in placebo + HU group



Outlier included in analysis but not shown: 33.2 in Placebo + HU group

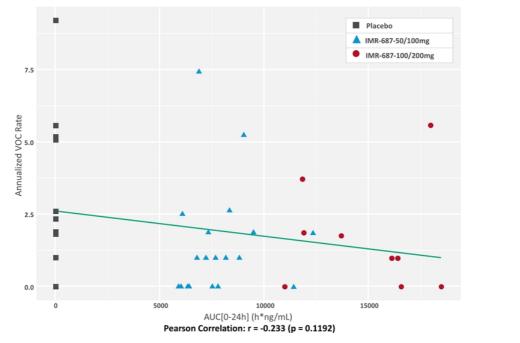
Parent Study (N=93): Time to 1st VOC Longer on IMR-687

- Kaplan-Meier analysis of time to 1st VOC; subjects censored if discontinued prior to having VOC
- Median time to first VOC for pooled IMR-687 groups was significantly longer than placebo groups, 169 days vs. 87 days, respectively (p=0.029)



Parent Study (N=47): Annualized VOC Rate vs IMR-687 Exposure (AUC)

Trend for decreased annualized VOC rate with increasing IMR-687 exposure (AUC_{0-24h}); higher dose has
potential to further reduce VOC rate

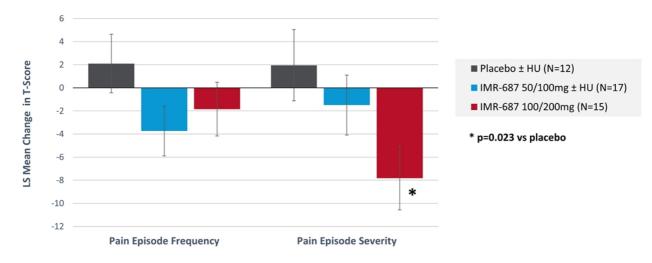


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Parent Study: ASCQ-Me Pain Episode Severity Reduced on IMR-687

• ASCQ-Me is an NIH validated SCD patient reported outcome (PRO) instrument

- Two sub-domains report pain episode (VOC) frequency and severity; lower values = improvement
- Pain episode severity score was significantly lower in favor of IMR-687 100/200mg group vs placebo (p=0.023)

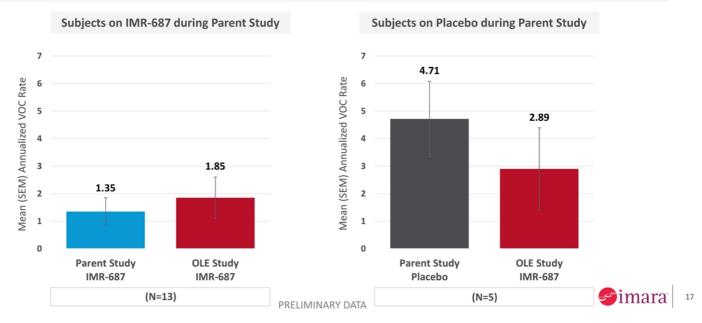


LS Mean (SEM) change from baseline to Week 24 by ANCOVA ASCQ-Me[®] = Adult Sickle Cell Quality Of Life Measurement System



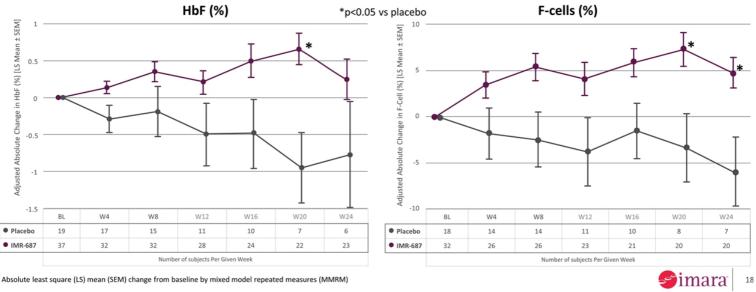
OLE Study: Annualized VOC Rate Extends Parent Study Findings

- Includes subjects with or without stable background HU therapy, treated for minimum of 200 days in OLE study (N=18)
- Subjects previously treated with IMR-687 maintained low VOC rate in OLE study
- Subjects previously treated with placebo had a 39% reduction in VOC rate when switched to IMR-687 in OLE study



Parent Study, IMR=687 Monotherapy: HbF (%) and F-Cells (%)

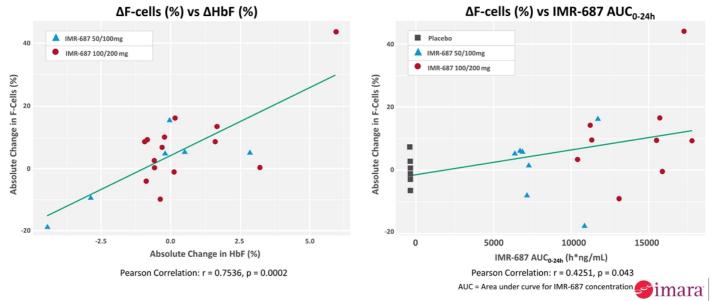
- The percentage of hemoglobin made up of HbF (left) is driven by percentage of RBCs containing HbF, or F-cells (right)
- HbF: LS mean difference between pooled IMR-687 monotherapy groups and placebo groups increased over time ٠
- F-cells: LS mean difference between pooled IMR-687 and placebo groups was significant by Weeks 20-24



Absolute least square (LS) mean (SEM) change from baseline by mixed model repeated measures (MMRM)

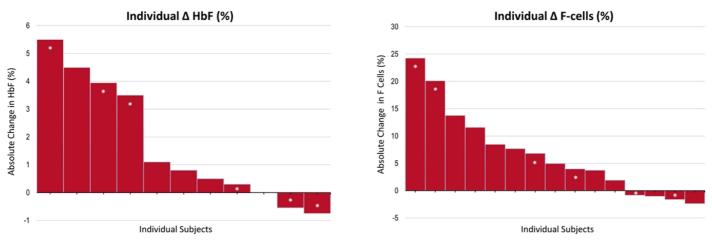
Parent Study, IMR-687 Mono: F-cells Correlate with HbF & IMR-687 AUC

- Absolute change in F-cells (%) from baseline to Week 24 was highly correlated with absolute change in HbF (%), p=0.0002
- Absolute change in F-cells (%) from baseline to Week 24 was correlated with IMR-687 exposure (AUC_{0-24h}), p=0.043



OLE Study: Higher Dose of 200mg Further Increases HbF & F-cells

- Month 8[#] HbF: **36% (4/11) of subjects** had response ≥3% (5.5%, 4.5%, 4.0%, 3.5%); mean change: +1.7%
- Month 8[#] F-cells: 47% (7/15) of subjects had response ≥6%; mean change: +6.8%
- subjects are being further escalated to Ph-2b high dose equivalent (300mg/400mg) in Q3; amendment approved in UK/US
- Minimal change in total Hb; trend for reduction in indirect bilirubin, variable changes in LDH, reticulocytes (data not shown)



= Month 12 values used for one subject with missing Month 8 values

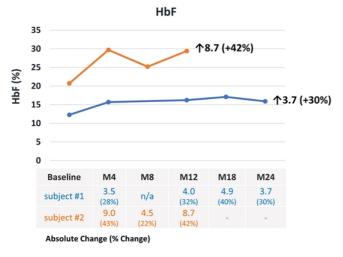
* = Subjects without treatment interruption – baseline from parent study used (total treatment duration 14 months)

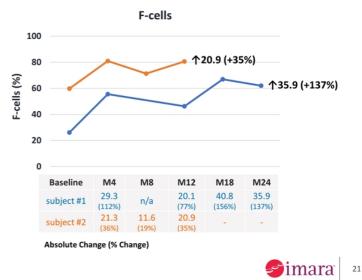
PRELIMINARY DATA



OLE subjects #1 and #2: Increase in HbF and F-cells on IMR-687

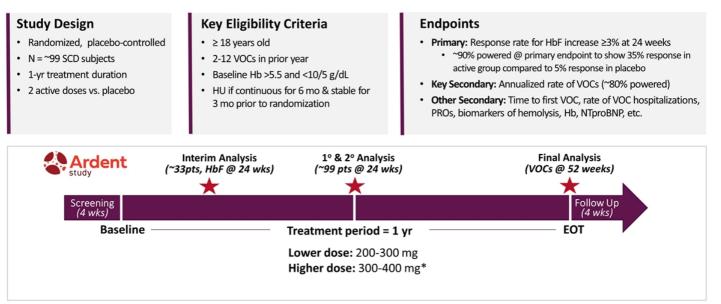
- Subject #1: (No treatment interruption): HbSS, female, monotherapy arm of Phase 2a, 24 months on OLE
 (M24) showed an absolute increase in HbF of 3.7% and in F-cells of 35.9%
- Subject #2: (Treatment interrupted): HbSS, female, combo arm of Phase-2a (placebo + HU), 12 months on OLE
 - (M12) showed an absolute increase in HbF of 8.7% and in F-cells of 20.9%





Baseline for pt #1 from parent study (total treatment duration 30 months)

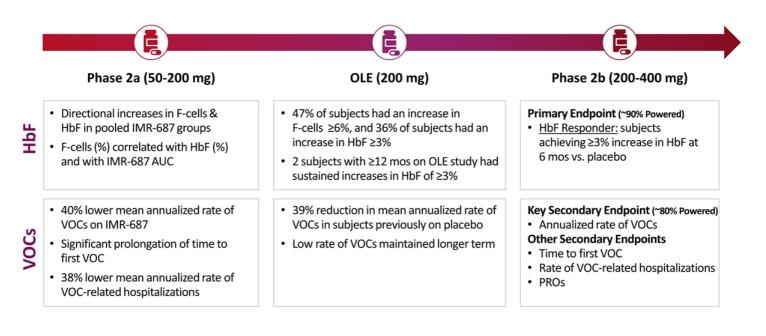
SCD: Ardent Phase 2b Study Design



*DMC approved higher dose opening in March 2021

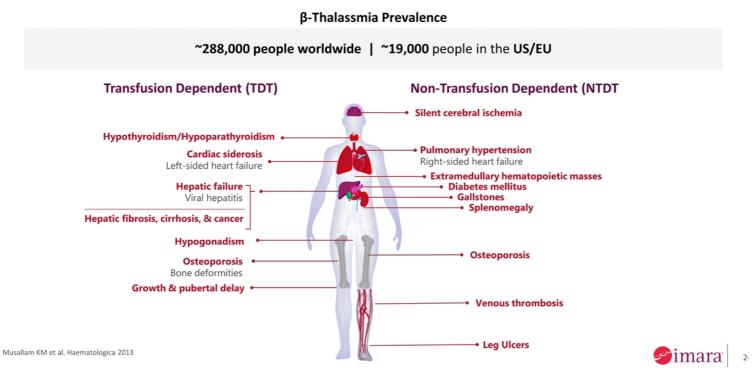
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Higher Dose: Drives Confidence in Phase 2b SCD Endpoints



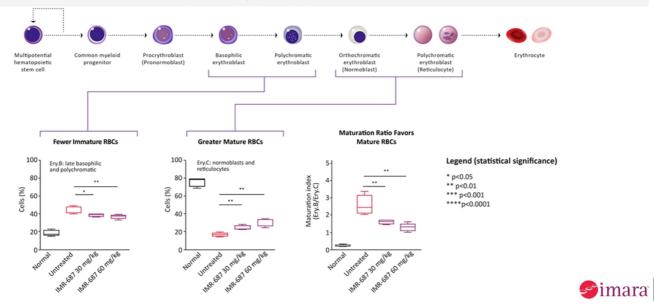


β-Thalassemia: Chronic Anemia, Iron Overload and Other Complications



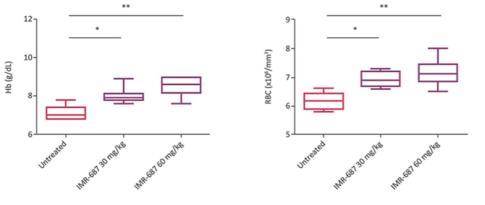
Pre-Clinical β-Thalassemia: IMR-687 Improved RBC Maturation

- Hbb^{th1} mice do not have functional Hb β leading to ineffective erythropoiesis and decreased mature RBCs, low Hb
- IMR-687 high dose shows enablement of RBC maturation, a key mechanistic component in reducing pathology
- Normal mouse included as a control in the study (C57BL/6) to establish baselines



Pre-Clinical β -Thalassemia: IMR-687 Increased Hb and RBC Count

• IMR-687 showed increases in Hb vs. placebo: mean change of 1.5 g/dL in 60mg/kg dose; increased RBC count

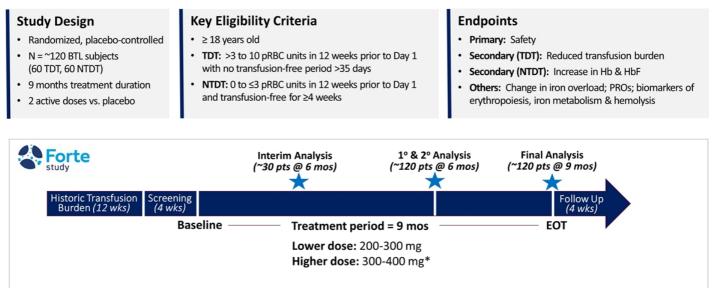


Legend (statistical significance)

* p<0.05 ** p<0.01 *** p<0.001 **** p<0.0001



β-thalassemia (BTL): Forte Phase 2b Study Design

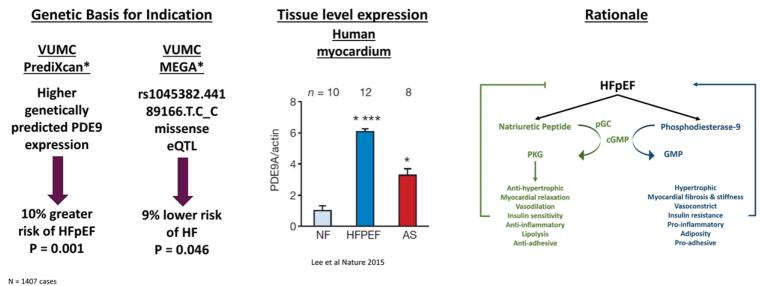


*DMC approved higher dose opening in Jan 2021

TDT: transfusion dependent thalassemia NTDT: non-transfusion dependent thalassemia pRBC: packed red blood cells



HFpEF Approach: Genetic Basis, Tissue Expression, MOA for PDE9



N = 1407 cases 16102 controls

*Gene based association method that directly tests the molecular mechanisms through which genetic variation affects phenotype; run by VUMC

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HFpEF: Pre-clinical Data from 3 Animal Models (Preventive & Therapeutic)

IMR-687 was tested in 3 animal models that recapitulate the HFpEF phenotype

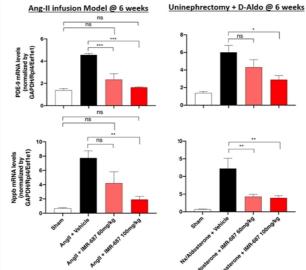
- 1. Angiotensin-II Infusion (Preventive)
- 2. Uninephrectomy + D-Aldo (Preventive)
- 3. Db/db mouse (Therapeutic)
- All 3 models feature:
- Higher myocardial PDE9, NPPA, NPPB, larger cardiomyocyte size, increased fibrosis & inflammatory markers

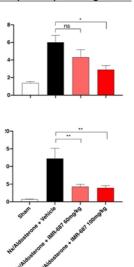
IMR-687 significantly decreased:

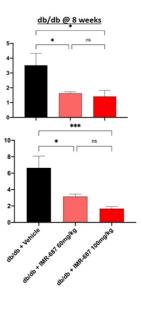
- Myocardial NPPB & NPPA mRNA, plasma BNP and ANP • concentrations
- Cardiomyocyte size, markers of fibrosis, inflammation & reduced renal dysfunction

IMR-687 did not affect heart rate or blood pressure

Results submitted to future medical meeting







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KOLs: Thought-Leading CAB, Designing Ph-2 SP₉In-HFpEF Protocol



Deepak Gupta, MD MSCI Assistant Prof Vanderbilt Univ Med Ctr



Thomas Wang, MD Prof & Chair of Int Med UT-Southwestern



JoAnn Lindenfeld, MD Prof & Director of HF Vanderbilt Univ Med Ctr



Anna Hemnes, MD Associate Prof Vanderbilt Univ Med Ctr



Sanjiv Shah, MD Prof Northwestern Univ



Maggie Redfield, MD Prof Mayo Clinic

Sheila Collins, PhD

Vanderbilt Univ Med Ctr

Prof



Frank Harrell Jr., PhD Prof of Biostatistics Vanderbilt Univ Med Ctr



Joseph Hill, MD PhD Prof & Chief of Cardiology UT-Southwestern



March 2021 Summary Financial Data

Consolidated Balance Sheet Data:	March 31, 2021 (in thousands, except share and per share data)	Consolidated Statement of Operations Data:	March 31, 2021 (in thousands, except share and per share data)
Consolitated Balance Sheet Data: Cash, cash equivalents and investments Working capital Total assets Total liabilities Additional paid-in capital Accumulated deficit Total stockholders' equity	\$ 75,592 74,858 81,687 6,093 181,945 (106,370) 75,594	Operating expenses: Research and development General and administrative Total operating expenses Loss from operations Total other income, net Net loss	\$ 7,115 3,165 10,280 (10,280) 23 \$ (10,257)
Basic shares outstanding Fully diluted shares outstanding Stock options outstanding Shares reserved for future issuance under the 2020 Equity Incentive Plan Shares reserved for future issuance under the 2020	17,616,542 19,809,006 2,192,464 1,487,494	Net loss attributable to common stockholders— basic and diluted Weighted-average common shares outstanding— basic and diluted Net loss per share attributable to common stockholders— basic and diluted	\$ (10,257) 17,577,454 \$ (0.58)

 We believe our cash, cash equivalents and investments as of March 31, 2021 are sufficient to enable us to fund planned operations into mid-2022



IMR-687: Lundbeck License and Core IP (out to 2036)

IMR-687 was licensed from H. Lundbeck A/S in 2016

- · Worldwide, exclusive license to patent rights and know-how for PDE9 inhibitors in all fields except CNS
- \$23.5 million in payments on specified clinical, regulatory and first commercial sale milestones
- Tiered low-to-mid single digit royalties on net sales
- IMR-687 Composition Core Intellectual Property
 - 3 published CoM patent families (exclusively licensed from Lundbeck A/S)
 - Each family entered into +20 jurisdictions (including US, EP, Far East, Africa, India and the Middle East)
 - Patents granted in all families
 - 2012-2015 filing dates, with last expected expiry date in 2036, absent any patent term extensions

Methods of using IMR-687 and Next-Generation Composition Intellectual Property

- Treatment (Sickle Cell Disease and B-Thalassemia), Synthesis of IMR-687, Crystalline Forms of IMR-687, Solid/Liquid Formulations of IMR-687
 - 6 published patent families (1 co-owned by Lundbeck A/S, 5 owned by Imara)
 - 20 cumulative jurisdictions (among the families) entered for national stage (broad national stage planned for PCT applications)
 - 4 allowed/granted with pending applications among all families
 - 2016-2019 filing dates



Imara Advocacy: Real Impact Grants & Community Efforts

- In 2020, we launched our inaugural Real Impact Grant, awarding **25 grants** to U.S. based community-based organizations
- The grant totaled **\$125,000** to provide resources to families impacted by sickle cell disease and beta-thalassemia and the COVID-19 pandemic
- We provided supportive services for another
 2,800 families, including more than 8,300
 individuals
- In 2021, we have launched our second year of the Real Impact Grant initiative with up to **\$150,000** in funding to Community Based Organizations (CBO)



