Rhythm Pharmaceuticals

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Forward Looking Statements

This presentation contains certain forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995, and that involve risks and uncertainties, including without limitation statements regarding the potential, safety, efficacy, and regulatory and clinical progress of setmelanotide, Bivamelagon (formerly LB54640), and RM718, including the anticipated timing for initiation of clinical trials and release of clinical trial data and our expectations surrounding potential regulatory submissions, approvals and timing thereof, our business strategy and plans, including regarding commercialization of setmelanotide and our other product candidates, the announcement of data from our clinical trials, including our global Phase 3 trial evaluating setmelanotide in patients with acquired hypothalamic obesity, the ongoing enrollment of patients in our clinical trials, the potential benefits of any of the Company's products or product candidates for any specific disease indication or at any dosage, the application of genetic testing and related growth potential, expectations surrounding the potential market opportunity for our product candidates, anticipated milestones, our future financial performance and the sufficiency of our cash, cash equivalents and short-term investments to fund our operations, and strategy, prospects and plans, including regarding the commercialization of setmelanotide, our anticipated financial performance for any period of time, including preliminary unaudited net revenues, for the fourth guarter and full year ending December 31, 2024, and the timing of any of the foregoing. Statements using words such as "expect", "anticipate", "believe", "may" and similar terms are also forward-looking statements. Such statements are subject to numerous risks and uncertainties, including but not limited to, our ability to enroll patients in clinical trials, the outcome of clinical trials, the impact of competition, the ability to achieve or obtain necessary regulatory approvals, risks associated with data analysis and reporting, our liquidity and expenses, the impact of global events on our business and operations, including our preclinical studies, clinical trials and commercialization prospects, and general economic conditions, and other risks as may be detailed from time to time in our Annual Reports on Form 10-K and Quarterly Reports on Form 10-Q and other reports we file with the Securities and Exchange Commission. Except as required by law, we undertake no obligations to make any revisions to the forward-looking statements contained in this presentation or to update them to reflect events or circumstances occurring after the date of this presentation, whether as a result of new information, future developments or otherwise.

Financial Disclosure Advisory

This presentation contains certain estimated preliminary financial results for the fourth quarter and fiscal year ended December 31, 2024. These estimates are based on the information available to the Company at this time. The Company's financial closing procedures for the fourth quarter and full year 2024 are not yet complete and, as a result, actual results may vary from the estimated preliminary results presented here due to the completion of the Company's financial closing and audit procedures. The estimated preliminary financial results have not been audited or reviewed by the Company's independent registered public accounting firm. These estimates should not be viewed as a substitute for the Company's full interim or annual financial statements. Accordingly, you should not place undue reliance on this preliminary data.



Rhythm's Value Drivers



Significant expansion opportunity in hypothalamic obesity (both acquired and congenital)



Continued BBS global commercial execution



Driving life-cycle management with bivamelagon and RM-718



Advancing setmelanotide clinical development in Prader-Willi syndrome and genetically-defined MC4R pathway diseases



What's New?

Announced preliminary unaudited net revenues from global sales of IMCIVREE

~\$42 million for Q4 24 **\$130 million** for FY2024 **On track** to report topline data from pivotal, Ph3 trial in acquired **hypothalamic obesity** in H1 25

Completed enrollment in **supplemental Japanese cohort** of Ph 3 trial of setmelanotide in acquired **hypothalamic obesity** Completed enrollment in two substudies in **Phase 3 EMANATE trial** in genetically-caused MC4R pathway diseases Plans to initiate **new Phase 2 trial** exploring setmelanotide in **Prader-Willi syndrome** in Q1 25



Continued Growth in IMCIVREE Global Sales

~**\$42M** Q4 2024



Preliminary unaudited net revenues from global sales of **IMCIVREE**[®] (setmelanotide)

+26% QoQ increase from Q3 2024

74% of 4Q revenues from U.S.

73% of FY '24 revenues from U.S.

Drivers of QoQ growth

evenly split among two factors:



Increase in number of patients on **reimbursed therapy**



Inventory growth: Excess of vials shipped to specialty pharma over vials dispensed to patients

The Company plans to report fourth quarter and full year 2024 financial results in late February



MC4R Pathway Biology is Clear and Strong: Regulates Hunger, Caloric Intake, Energy Expenditure and, Consequently, Body Weight¹⁻⁴



AgRP, agouti-related peptide; LEPR, leptin receptor; MC4R, melanocortin-4 receptor; MSH, melanocyte-stimulating hormone; PCSK1, proprotein convertase subtilisin/kexin type 1; POMC, proopiomelanocortin. **1**. Abuzzahab et al. *Horm Res Paediatr.* 2019;91:128-136. **2**. Erfurth. *Neuroendocrinology.* 2020;110:767-779. **3**. Rose et al. *Obesity (Silver Spring).* 2018;26:1727-1732. **4**. Roth. *Front Endocrinol (Lausanne).* 2011;2:49.



Hyperphagia and Early-onset Obesity Have a Significant Impact on Patients and their Families

IMCIVREE Patient Ambassador program launched with 8 patient/caregiver speakers



"I was hungry all day long. I even started sneaking food in the middle of the night because my mind was constantly on my hunger."

"Prior to IMCIVREE, I didn't realize how much of my mental energy was consumed by my hunger. I'm able to free up my mind and do more enjoyable things with my life."

Kathryn, Diagnosed with BBS at 6 years old

•	•	•	•	•
BORN WITH:	2 YEARS OLD:	6 YEARS OLD:	TEEN YEARS:	28 YEARS OLD:
Autosomal recessive polycystic kidney disease (diagnosed in utero), polydactyly	Visual impairment and developmental delays emerge	Pronounced hyperphagia; clinical presentation prompted BBS diagnosis via genetic testing	Hyperphagia, obesity, and visual deficits worsen	IMCIVREE prescribed by PCP
7				Rhytho

Clinical Development Programs Designed to Expand Opportunity in Hyperphagia and Severe Obesity

Approved in U.S., EU,+

4,000 - 5,000* Bardet-Biedl syndrome

600 – 2,500* POMC, PCSK1 and LEPR deficiencies In ongoing Phase 3 trials

5,000 - 10,000* Hypothalamic obesity

> **~29,000**** EMANATE Lead indications

Phase 2 DAYBREAK trial

Positive signals observed in six new genes and gene families

*Estimated prevalence of U.S. patients based on company estimates; does not include ex-U.S. prevalence estimates. Estimated U.S. patients based on population with early-onset, severe obesity who may benefit from setmelanotide based on sequencing results that factor in variant classifications, as applicable, current estimated responder rates and that 1.7% of the U.S. population (328M; 2019 US census) presents with severe early onset obesity (Hales et al 2018); ~95% of individuals with severe early onset obesity remain obese into adulthood (Ward et al 2017). **Estimated prevalence in United States of SH2B1 and POMC and/or PCSK1 cohorts.



Well Capitalized: Cash Sufficient to Fund Planned Operations into 2026



¹Analyst coverage includes all brokerage firms known by the company as of March 2024 to have analysts covering the company. This list may not be complete and is subject to change. Analyst opinions, estimates or forecasts are their own and may not represent the opinions, estimates or forecasts of the company. Goldman Sachs temporarily suspended coverage.



Multiple Anticipated Milestones

Q1 2025	Complete enrollment in Ph2 trial evaluating bivamelagon (LB54640) in acquired hypothalamic obesity
Q1 2025	Begin dosing patients with acquired hypothalamic obesity in Part C of Ph1 trial evaluating RM-718
Q1 2025	Begin dosing patients in Ph3 congenital hypothalamic obesity substudy evaluating setmelanotide
Q1 2025	Begin dosing patients in exploratory Ph2 Prader-Willi trial evaluating setmelanotide
H1 2025	Topline data from Ph3 acquired hypothalamic obesity trial
H1 2026	Topline data from Ph3 EMANATE trial evaluating setmelanotide in four genetically-defined, rare MC4R pathway diseases



Rhythm Leadership – Strong Team with Broad Biopharma Experience





Expanding Pipeline in Rare Neuroendocrine Diseases

	Patient Population	Pre-clinical	Phase 1/2	Phase 3	Regulatory Approval
(setmelanotide) injection	Bardet-Biedl syndrome or biallelic POMC, PCSK1 or LEPR deficiency (2 years of age and older)*				US, EU, UK
	Acquired hypothalamic obesity			Enrollment complete	Pivotal data H1 2025
	Congenital hypothalamic obesity				
Setmelanotide daily formulation	Emanate Objestly and Hunger Clinical Trial			Enrollment complete	
	Daybreak Obesity and Hunger Clinical Trial				
	Prader Willi syndrome				
Bivamelagon	Acquired hypothalamic obesity				
RM-718	Acquired hypothalamic obesity				
Pre-clinical	Congenital hyperinsulinism (CHI)				

Complete Ongoing

*IMCIVREE approved in Israel & Canada (6 years of age and older).
 LEPR, leptin receptor; MC4R, melanocortin-4 receptor; PCSK1, proprotein convertase subtilisin/kexin type 1; POMC, proopiomelanocortin.



Hypothalamic Obesity Acquired and Congenital

Setmelanotide, bivamelagon and RM-718



Hypothalamic Obesity: A Rare, Acquired Form of Obesity Following Injury to the Hypothalamic Region

Craniopharyngioma and other suprasellar brain tumors and treatment

- tumor resection surgery and radiation
- is most common cause

MC4R pathway deficiency following injury to hypothalamic region causes reduced energy, hyperphagia and rapidonset, severe obesity

No approved treatments available



Hypothalamic Obesity: A Transformative Opportunity for Rhythm



✓ Unmet medical need is high

Patients are identified

Patients engaged with system

*U.S. estimates based on reported incidence of hypothalamic obesity following craniopharyngioma and long-term survival rates, (Zacharia, et al., *Neuro-Oncology* 14(8):1070–1078, 2012. doi:10.1093/neuonc/nos142; and Muller, et al., *Neuro-Oncology* 17(7), 1029–1038, 2015 doi:10.1093/neuonc/nov044.); **European estimates limited to the EU4 (Germany, France, Spain, Italy), UK and the Netherlands and prevalence of 0.1-0.3 in 10,000 patients; [£] Rhythm estimates the prevalence of acquired hypothalamic obesity in Japan to be approximately 5,000 to 8,000 based on our review of tumor registries and claims data; Prevalence is 2-3 times higher than in the USA & Europe due to a higher frequency of craniopharyngioma been reported.



HO: Aggressive, Rapid Weight Gain follows Therapy for CP



Patient Case Study: Setmelanotide therapy achieved rapid, significant weight loss

Patient case of M. Jennifer Abuzzahab, MD, Pediatric Endocrinologist, at Children's Minnesota



Setmelanotide Achieved Progressive, Deepening BMI Reduction at 16 Weeks, 6 and 12 Months in Patients with Hypothalamic Obesity



Error bars are the standard deviation. *Includes all patients who received 16 weeks of setmelanotide in the index trial and \geq 12 months of treatment in the long-term extension. +One patient did not complete a Month-6 visit. ‡One sample *t*-test with 2-tailed *P*-values. §Paired *t*-test with 2-tailed *P*-values. BMI, body mass index; %BMI95, percent of the 95th percentile for BMI.



Setmelanotide Achieved Sustained and Deepened BMI Reduction in Patients with Hypothalamic Obesity at One Year



Adapted from data presented during The Obesity Society Annual Meeting (TOS 2023) on October 17, 2023, in Dallas.



Body Composition Data Show Greater Decreases in Total Fat Mass vs. Lean Muscle Mass





All Patients Achieved a Decrease in Obesity Severity at One Year

Three of 11 pediatric patients achieved normal weight at one year based on NIH, WHO weight classifications

BMI, kg/m ²	Adults (n=1)	WHO Classification (NIH ⁵)		Pediatric patients (n=11)*							BMI percentile ⁶				
≥50	50				157	166					190	158			
≥45 to <50		Obesity class III (extreme)			Ī			149				Ţ		≥140%⁺	
≥40 to <45									144			140	141		≥95th percentile
≥35 to <40	37	Obesity class II (severe) ⁵	139	124	131	126				120	138			≥120% to <140% [‡]	
≥30 to <35		Obesity class I	96	109			109							≥95% to <120% [§]	
≥25 to <30		Overweight						86	89					≥85th to <95	th percentile
<25		Normal weight					83			73			↓ 79	≥5th to <85t	h percentile

*Pediatric patients reported as %BMI95. †Or BMI ≥40 kg/m2 (whichever is lower). ‡Or BMI ≥35 to <40 kg/m2 (whichever is lower). §Or BMI ≥30 to <35 kg/m2 (whichever is lower). %BMI95, percent of the 95th percentile for BMI; BMI, body mass index; NIH, National Institutes of Health; WHO, World Health Organization.



Positive Real-world Setmelanotide Data Reported from French Earlyaccess Program in Adult Patients with Acquired Hypothalamic Obesity

N=8* patients

19.3 years Mean age at resection

31.4 years Mean age at initiation of setmelanotide therapy

44.1 kg/m² Mean BMI at baseline



*50% male; all aged ≥18 years, with a previous resection of craniopharyngioma (n=7) or of Rathke cleft cyst (n=1); Adapted from "3-Month Real-World Setmelanotide Hunger and Weight Outcomes in Patients with Hypothalamic Obesit poster presented ObesityWeek[®]; November 3-6, 2024, in San Antonio, TX, USA.



<u>Phase 3 Hypothalamic Obesity Trial</u>: Enrollment Complete, Top-line Data Expected in H1 2025



Primary endpoint: Mean % change in BMI from baseline to after approximately 52 weeks on a therapeutic regimen of setmelanotide compared with placebo.



Congenital HO Represents Additional Opportunity with Significant Unmet need

Congenital HO occurs due to dysfunction or damage to the hypothalamus from birth, with patients often experiencing hyperphagia and difficulty managing their weight

The weight gain and appetite changes accompanying HO are often **unresponsive to existing therapies** for obesity

No approved therapies for congenital HO

>1,000 patients

estimated prevalence in each the United States and Europe



Real-world Case Reports from French Early-access Program Suggest Setmelanotide may be Effective Treatment for Congenital HO

Case reports presented at 62nd annual meeting of the European Society for Paediatric Endocrinology (EPSE)

Case Report 3 (Congenital HO)

- Patient 3, female, had septo-optic dysplasia (SOD), combined pituitary hormone deficiency and valgus foot as co-morbidity. Age of onset of obesity was not reported
- Setmelanotide treatment was started at 15 years of age, with dose escalation from 0.5 mg at BL to 1 mg at M3
- As ongoing treatment, patient was on hormonal replacement therapy
- Patient had a 9.6% decrease in body weight and -0.3 BMI z-score change at M3 of treatment (Figure 3)



- For the 4 questions included in the scoring of hunger scores, the reported change was 5-5-0-6 (BL) to 5-5-0-5 (M3). Physician noted difficulty in interpretation and scoring with the questionnaire
- During treatment, patient reported injection site reaction and intermittent diarrhoea at 2 weeks
 of treatment which was resolved. Angina, sore throat and hyperpigmentation was reported at M3

Case Report 4 (Congenital HO)

- Patient 4, male, 2.5 years at onset of obesity, had pituitary stalk interruption syndrome (PSIS), corticotropic, thyrotropic and growth hormone (GH) deficiency as co-morbidity
- Setmelanotide treatment was started at 9 years of age, with dose escalation from 0.5 mg at BL to 2 mg at M3
 - · As ongoing treatment, patient was on hormonal replacement therapy
- Patient had a 5.2% decrease in body weight and -0.2 BMI z-score change at M3 of treatment (Figure 4)



- For the hunger outcomes, patient reported a qualitative improvement rather than quantitative, as normally
 reflected by hunger scores. Initially, the patient described feeling moderately hunger at BL, slightly hungry
 at M1, and not hungry at all by M3 of treatment
- · During treatment, no adverse events were reported for the patient

Adapted from '3-Month real-world setmelanotide hunger and weight outcomes in four French paediatric patients with acquired or congenital hypothalamic obesity,' presented at ESPE on November 18, 2024, by Dr. Ahlam Azar-Kolakez, et al.



34-week Substudy in Congenital Hypothalamic Obesity Added to Pivotal, Ph3 HO Study

Independent substudy leverages existing Ph3 trial infrastructure; Enrollment expected to begin in Q1 2025



~90% power to detect a treatment difference (treatment - placebo) of -12% in percent change of BMI from baseline after 26 weeks on a therapeutic regimen (up to 34 weeks) at 2-sided alpha of 0.05



Advancing Next-generation MC4R Agonists in Acquired HO Clinical Trials

Efficient signal finding possible due to sensitivity of acquired HO to MC4R agonism

Bivamelagon (LB54640)

- Global rights acquired from LG Chem in January 2024
- Daily oral, highly selective MC4R agonist
- Compelling Phase 1 data in healthy, obese volunteers
- No hyperpigmentation observed
- IP protection out to 2045, assuming patent term extension

RM-718

- Developed in-house based on setmelanotide
- 7-amino acid peptide administered QW
- In vivo results: supportive of no off-target cardiovascular effects, like setmelanotide; No hyperpigmentation observed
- In vivo results suggest potential efficacy for body weight reduction, hyperphagia reduction
- IP protection out to 2040, assuming patent term extension



Bivamelagon Showed Dose-response Body Weight Loss Healthy Volunteers with General Obesity



Favorable safety profile

- No serious adverse events
- No skin pigmentation, adrenal, or genitourinary adverse events observed
- Mild to moderate nausea, diarrhea, vomiting most common

As presented by LG Chem at The Obesity Society's ObesityWeek® 2022.



SIGNAL Trial: 14-week, Phase 2 Open-label Trial Evaluating Bivamelagon in Patients with Hypothalamic Obesity

Enrollment to be complete in Q1 2025





baseline at 14 weeks



Three-part Phase 1 Study Evaluating RM-718 QW Ongoing

Part C dosing of patients with acquired HO expected to begin in Q1 2025

Part A: SAD RM-718 QW

Screening: 28 days 9 cohorts X 6 subjects <u>></u>18yo n=54 Randomized 2:1 (RM-718: Placebo) Single ascending doses 3mg - 80mg* Safety follow up 28 days Part B: MAD RM-718 QW 4 doses

Screening: 28 days 6 cohorts X 6 subjects <u>></u>18yo n=36 Randomized 2:1 (RM-718: Placebo) Multiple ascending doses 3mg - 50mg* Safety follow up 28 days

Part C: MAD Hypothalamic Obesity RM-718 QW 16 weeks

Screening: 28 days 1 cohort X up to 30 patients ≥12yo Open-label, multiple doses ascending 10mg - 40mg* Safety follow up 28 days

Transition to open-label extension

*Doses may be adjusted upward or downward based on emerging data; 2 additional cohorts may be permitted in Parts A and Part B based on emerging data. Part C dosing will be based on safety, tolerability, and available PK data from Parts A and B. In Part C, Dosing will initiate in patients ≥18 years of age. Based on the ongoing evaluation of safety, tolerability, and available PK data (including 8-week dosing data from a minimum of 6 patients ≥18 years of age), dosing may proceed in patients <18 years of age. Planned starting dose in Part C is 10mg. Part C doses will not exceed the highest Part A or Part B dose for which safety and tolerability data are supportive. Patients in Part C may be eligible to participate in an open-label extension study.



EMANATE and DAYBREAK Genetically-defined MC4R Pathway Diseases



EMANATE and DAYBREAK Studies to Drive Significant Expansion of Setmelanotide's Potential Addressable Market

Phase 3 EMANATE Trial€ Four independent sub-studies								
<	6,000 [†]	Heterozygous POMC/PCSK1 deficiency						
	4,000⁺ Heterozygous LEPR deficiency							
	20,000+	SRC1 deficiency						
<	23,000+	SH2B1 deficiency						
Phase 2 DAYBREAK Trial Study completed in 2024								

Emanate

Obesity and Hunger Clinical Trial



⁺ Estimated U.S. patients based on population with early-onset, severe obesity who may benefit from setmelanotide based on sequencing results, current estimated responder rates and that 1.7% of the US population (328M; 2019 US census) presents with severe early onset obesity (Hales et al 2018₁); ~95% of individuals with severe early onset obesity remain obese into adulthood (Ward et al 2017); £ U.S. and EU regulatory submissions for BBS and Alström syndrome filed in September and October 2021, respectively. € Planned EMANATE trial would include patients with variants classified as pathogenic, likely pathogenic;



Phase 3 EMANATE Trial Comprised of Four Independent Sub-studies

Enrollment completed in 4Q 2024; Topline data anticipated in H1 2026



* VUS = Variant of uncertain significance;

NOTE: The SRC1 and LEPR substudies are currently under-enrolled, so additional studies may be necessary in order to seek regulatory approval. We believe the SH2B1 and POMC/PCSK1 substudies are fully enrolled and powered and could enable Rhythm to seek registration, pending success.



DAYBREAK 2-Stage Design: 16-Week Run-in Followed by 24-week Randomized Withdrawal and Double-blind, Placebo-controlled



Stage 1: Open-label Run-in

Stage 2: Double-blind, Placebo-controlled

Eligibility Criteria: Genetic confirmation in patients 6-65 years; Obesity: BMI \geq 40 kg/m2 (adults \geq 18 years) or BMI \geq 97th percentile for age and sex (children <18) **Primary Endpoint:** proportion of patients by genotype who achieve a BMI reduction of ≥5% from baseline in response to setmelanotide at the end of Stage 1 S2 Eligibility Criteria Reduction at end of S1, from baseline: Adult: Reduction of ≥3% BMI; Pediatric: reduction of ≥3% BMI OR of ≥0.05 BMI Z-score



visita

DAYBREAK Baseline Demographics

Sex, N=49	All	<18 yrs	≥18 yrs
Male n (%)	22 (44.9)	10 (45.5)	12 (54.5)
Female n (%)	27 (55.1)	14 (51.9)	13 (48.1)

N=49	n Mean (S		Range	% of S1 starters	
BMI, kg/m²					
Adult Baseline	25	46.1 (7.2)	40.4 - 69.9	23%	
Adult Stage 2 start	25	42.6 (7.0)	36.2 - 66.3	-	
BMI-Z (CDC)					
Pediatric Baseline	24	2.5 (0.3)	1.83 - 2.97	44%	
Pediatric Stage 2 start	24	2.25 (0.4)	1.48 - 2.92	-	





Data Highlights from Stage 2 of DAYBREAK Phase 2 Trial

-12.4%

Mean BMI change from baseline (SD: 8.0%; range 1.2%-35.0%)

n=32

patients on continuous setmelanotide therapy*

84% 29% or 27 of 32 VS. or 5 of 17 patients on patients on setmelanotide placebo

achieved or maintained **>5% BMI** reduction from baseline

P=0.001

Rhythm®

Variable Responses Observed in DAYBREAK Stage 2 in Different Genetic Cohorts

Several genetically defined subgroups may merit further study with next-generation MC4R agonists



ne adult and one pediatric SEMA3G patient dropped out of S2 prior to having any data and are not shown



Prader-Willi Syndrome



Revisiting Prader-Willi Syndrome

PWS is a complex, multi-system disorder

Constant sense of hunger usually begins at 2yo; if not managed by stringent food restrictions and environmental controls, often **results in lifethreatening obesity**

Currently no approved therapies that effectively reduce the extreme hyperphagia or address low resting energy expenditure

Prior setmelanotide study evaluated **low doses** (up to 2.5mg daily) for **only 4 weeks**; results were not statistically significant



estimated U.S. prevalence



Estimated world-wide prevalence

In 2016, Rhythm completed a Phase 2 trial (NCT02311673) that evaluated setmelanotide in patients with PWS 16-65 years of age. The study had co-primary endpoints of weight and hyperphagia after 4 weeks of placebo or setmelanotide (doses up to 2.5 mg). No statistically significant treatment differences were observed for the co-primary endpoints



Initiating Exploratory Phase 2, Open-label Trial of Setmelanotide in PWS in Q1 2025

Single, US-site

Up to **20 patients** with PWS and obesity aged 6 to 65 years old

Daily dose of setmelanotide escalated to 5 mg/day as tolerated for 26 weeks

Primary endpoints: safety and tolerability

Key secondaries: assessments on **weight, hyperphagia, behavior** and pharmacokinetics





IMCIVREE Global Commercial Execution



First and Only FDA- and EMA-approved Therapy that Targets Earlyonset, Severe Obesity and Hyperphagia Associated with BBS



IMCIVREE is a melanocortin 4 (MC4) receptor agonist indicated for chronic weight management in patients with **monogenic or syndromic obesity** due to:

- Bardet-Biedl syndrome (BBS)
- Pro-opiomelanocortin (POMC), proprotein convertase subtilisin/kexin type 1 (PCSK1), or leptin receptor (LEPR) deficiency as determined by an FDAapproved test demonstrating variants in POMC, PCSK1, or LEPR genes that are interpreted as pathogenic, likely pathogenic, or of uncertain significance (VUS)



Steady Growth in Net Product Revenues since BBS Launch

FDA approved IMCIVREE for BBS in June 2022



* Q4 2024 revenues are preliminary and unaudited as of Jan. 10, 2024. The Company plans to report its fourth quarter and full year 2024 financial results in late February 2025.

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Bardet-Biedl Syndrome Opportunity in U.S. and Europe

U.S. prevalence estimated to be **4,000** to **5,000*** patients

EU + UK prevalence estimated to be 4,000 to 5,000 patients

*BBS prevalence estimates vary between populations, from 1 in 100,000 in northern European populations with higher prevalence rates in some additional regions throughout the world. Rhythm estimates the number of patients with BBS in the United States is between 4,000 and 5,000, with a similar number in continental Europe and the United Kingdom (UK) based on patient identification efforts and proprietary genetic sequencing data, as well as our belief that BBS, like most rare diseases, is underdiagnosed.



Continued Progress in Securing Market Access for IMCIVREE





Setmelanotide Benefiting Patients with Hypothalamic Obesity through Reimbursed Early-access Programs in France and Italy



France

- Steady uptake since first available in early 2024
- Access granted by joint federal multidisciplinary committee monthly
- Positive responses reported in adult patients at 2024 ObesityWeek[®] in San Antonio, TX



Italy

- Eligibility: patients between
 6-24 yo with HO caused by
 craniopharyngioma
- Physician makes request for access directly to Italian MoH
- First patients beginning therapy



BBS Commercial Launch Underway in England and Wales in Q4 2024

England and Wales

- NICE recommended NHS reimbursement for patients younger than 18yo with BBS
- 4 NHS BBS specialized clinics:
 2 for adult patients, 2 for pediatric patients
- Patients to be trained in hospital setting with at-home nursing support





Thank you

