



Mentari Therapeutics Overview

JULY 2026

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Additional information and where to find it

In connection with the proposed Transaction, InMed has filed with the SEC a registration statement on Form S-4 (the “S-4”) on July 2, 2026, containing a preliminary proxy statement/prospectus of InMed and a management information circular relating to the proposed Transaction. The S-4 has not yet been declared effective. After the S-4 is declared effective by the SEC, a definitive proxy statement/prospectus and management information circular will be mailed to InMed's shareholders. INVESTORS AND SECURITY HOLDERS OF INMED AND MENTARI ARE URGED TO READ THE S-4, THE PROXY STATEMENT/PROSPECTUS AND MANAGEMENT INFORMATION CIRCULAR, AND ANY AMENDMENTS OR SUPPLEMENTS THERETO, AS WELL AS ANY OTHER RELEVANT DOCUMENTS FILED OR TO BE FILED WITH THE SEC, CAREFULLY AND IN THEIR ENTIRETY BECAUSE THEY CONTAIN (OR WILL CONTAIN) IMPORTANT INFORMATION ABOUT INMED, MENTARI, THE PROPOSED TRANSACTION AND RELATED MATTERS. Investors and security holders may obtain free copies of the S-4, and the proxy statement/prospectus and management information circular contained therein, as well as other documents filed with the SEC by InMed, through the SEC's website at www.sec.gov and on the Investors section of InMed's website.

Forward-looking statements and other information

Certain statements contained in this presentation that are not descriptions of historical facts are “forward-looking statements.” When we use words such as “potentially,” “could,” “will,” “projected,” “possible,” “expect,” “illustrative,” “estimated” or similar expressions that do not relate solely to historical matters, we are making forward-looking statements. Forward-looking statements are not guarantees of future performance and involve risks and uncertainties that may cause our actual results to differ materially from our expectations discussed in the forward-looking statements. This may be a result of various factors, including, but not limited to: our management team's expectations, hopes, beliefs, intentions or strategies regarding the future including, without limitation, statements regarding: the proposed business combination between InMed Pharmaceuticals Inc. (“InMed”) and the Company (the “Transaction”), including the expected timing, completion and effects of the Transaction; the anticipated benefits of the Transaction, including the combined company's estimated pro forma capitalization, ownership structure and cash position; the concurrent private placement and expected use of proceeds, including subsequent tranches of the private placement; expectations regarding or plans for discovery, preclinical studies, clinical trials and research and development programs and therapies, including timing of regulatory filings and preclinical and clinical trials for MT-001, MT-002, MT-003 and other pipeline candidates; the potential clinical benefit and safety of product candidates targeting PACAP, CGRP and other migraine-related pathways, including as compared to third-party products and product candidates in development; expectations regarding the time period over which our capital resources will be sufficient to fund our anticipated operations; and statements regarding the market, competition, and potential opportunities for migraine prevention and treatment therapies. All forward-looking statements, expressed or implied, included in this presentation are expressly qualified in their entirety by this cautionary statement. You are cautioned not to place undue reliance on any forward-looking statements. Except as otherwise required by applicable law, we disclaim any duty to update any forward-looking statements, all of which are expressly qualified by this cautionary statement, to reflect events or circumstances after the date of this presentation. This presentation concerns drug candidates that are under preclinical investigation, and which have not yet been approved by the U.S. Food and Drug Administration. These are currently limited by federal law to investigational use, and no representation is made as to their safety or effectiveness for the purposes for which they are being investigated.

Participants in the Solicitation

InMed, Mentari and their respective directors and executive officers may be deemed to be participants in the solicitation of proxies from InMed's shareholders in connection with the proposed Transaction. Information about InMed's directors and executive officers, including a description of their interests in InMed, is contained in InMed's most recent Annual Report on Form 10-K and subsequent reports filed with the SEC and certain Canadian securities regulators. Additional information regarding the persons who may, under the rules of the SEC, be deemed participants in the solicitation of InMed's shareholders in connection with the proposed Transaction, including a description of their direct or indirect interests, by security holdings or otherwise, is set forth in the registration statement on Form S-4 filed by InMed with the SEC on July 2, 2026 (which has not yet been declared effective), including the proxy statement/prospectus and management information circular contained therein, and will be contained in other relevant materials to be filed with the SEC in connection with the proposed Transaction (including any amendments or supplements thereto). These documents may be obtained free of charge as described under “Additional Information and Where to Find It” above.

Market and Industry Data

Certain information contained in this presentation and statements made orally during this presentation relate to or are based on studies, publications and other data obtained from third-party sources as well as our own internal estimates and research. While we believe these third-party sources to be reliable as of the date of this presentation, we have not independently verified, and make no representation as to the adequacy, fairness, accuracy or completeness of, any information obtained from third party sources. Forecasts and other forward-looking information obtained from these sources are subject to the same qualifications and uncertainties as the other forward-looking statements in this presentation. Statements as to our market and competitive position data are based on market data currently available to us, as well as management's internal analyses and assumptions regarding the Company, which involve certain assumptions and estimates. These internal analyses have not been verified by any independent sources and there can be no assurance that the assumptions or estimates are accurate. While we are not aware of any misstatements regarding our industry data presented herein, our estimates involve risks and uncertainties and are subject to change based on various factors. As a result, we cannot guarantee the accuracy or completeness of such information contained in this presentation.

Updated Transaction summary

Overview: Transaction between InMed Pharmaceuticals Inc. (InMed), including its wholly owned subsidiaries, and Mentari Therapeutics, Inc. (Mentari)

Transaction Structure: InMed to acquire 100% of Mentari equity interests in a reverse triangular merger of a wholly owned subsidiary of InMed with and into Mentari, with Mentari surviving the merger as a wholly owned subsidiary of InMed. Transaction intended to be structured as a tax-free event.

Post-Closing Ownership: InMed holders expected to own ~1.15% (~\$6.4M merger valuation); Mentari holders expected to own ~22.63% (\$125.0M merger valuation); Initial Tranche Private Placement ~52.51% (\$290.0M); Second Tranche Private Placement ~23.70% (\$200.0M). Total value: ~\$621.4M.

Concurrent Financings: \$290 million Initial Tranche Private Placement and \$200.0 million Second Tranche Private Placement with each effected immediately prior to the Closing.

Management and Board: Mentari's senior management team will operate the combined company. Post-Closing board to consist of a number of directors to be determined by Mentari (in its sole discretion), subject to Nasdaq independence requirements.

Certain Closing Conditions: Customary conditions including absence of MAE; stockholder approval of each party; S-4/Proxy deemed effective by the SEC; Nasdaq new listing application with respect to post-Closing company; and any other required regulatory approvals.

InMed Legacy Assets: InMed stockholders of record as of immediately prior to Closing would receive in aggregate 90% of any net proceeds received by Mentari from the sale of InMed Legacy Assets. At Closing, InMed to distribute legacy cash assets, if any, to pre-merger InMed stockholders.

Lock-Up Agreements: Continuing executive officers and members of the board of directors of Mentari and InMed will agree to a 180-day lock-up post-Closing.

SEC Filings: Parties to file Form S-4 with InMed to hold a stockholder meeting promptly following effectiveness of the Form S-4.

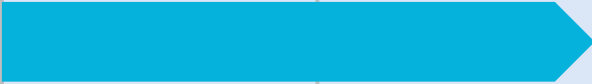
Primary Use of Proceeds: The proceeds from the private placements are expected to be primarily used to advance the Mentari pipeline and deliver the following anticipated milestones: Phase 1 healthy volunteer data and Phase 2a proof-of-concept data in migraine patients for MT-001 and MT-002. Additionally, the proceeds support the clinical development of Mentari's broader migraine prevention pipeline and are expected to provide cash runway into 2029.

Estimated capitalization following closing of merger with InMed and pre-closing financings (initial and second tranches)

		Shares on an as-converted / as-exercised basis	Expected ownership of the combined company
InMed	Shares of common stock outstanding <i>(including upon exercise of outstanding warrants)</i>	6,926,398	1.15%
Mentari Therapeutics	Shares of common stock outstanding <i>(including shares underlying option grants + warrants)</i> Series Seed Shares Series A shares	12,279,936 41,212,000 82,586,164	98.85%
Pre-closing Financing (Initial Tranche)	Shares of common stock and/or pre-funded warrants	315,701,158	
Pre-closing Financing (Second Tranche)	Shares of common stock and/or pre-funded warrants	142,490,156	
Estimated total shares of common stock of the combined company post-closing		601,195,812	

Mentari is developing potentially best-in-class therapies for the prevention of migraine

MENTARI'S PROGRAMS HAVE POTENTIAL TO PROVIDE FREEDOM FROM THE DEBILITATING EFFECTS OF MIGRAINE

	Program	Target	Discovery	IND-enabling	Clinical
• Broadest pipeline of migraine prevention mechanisms to deliver enhanced efficacy • Formulated to maximize convenience for patients with a chronic disease • Programs discovered by Paragon Therapeutics	MT-002	Anti-CGRP x PACAP (SC)			CTA or IND expected 1Q27
	MT-001	Anti-PACAP (SC)			CTA expected MY26
	MT-003*	Anti-CGRP (Quarterly SC)			
	MT-004*	Novel target (migraine prevention)			
	MT-005*	Novel target (migraine prevention)			

Mentari Therapeutics was founded to solve a significant unmet need in a debilitating disease with global impact



Migraine affects 1B+ patients globally

*Anti-CGRP therapies expected to generate **~\$11B in revenue by 2031**, reaching mega-blockbuster status*



Unmet need remains despite broad uptake of anti-CGRPs

***Fewer than a third of patients** have an optimal response to anti-CGRP therapy*



Emerging targets provide new opportunities

***Bispecific (anti-CGRP x PACAP)** with convenient dosing poised to disrupt the treatment paradigm*

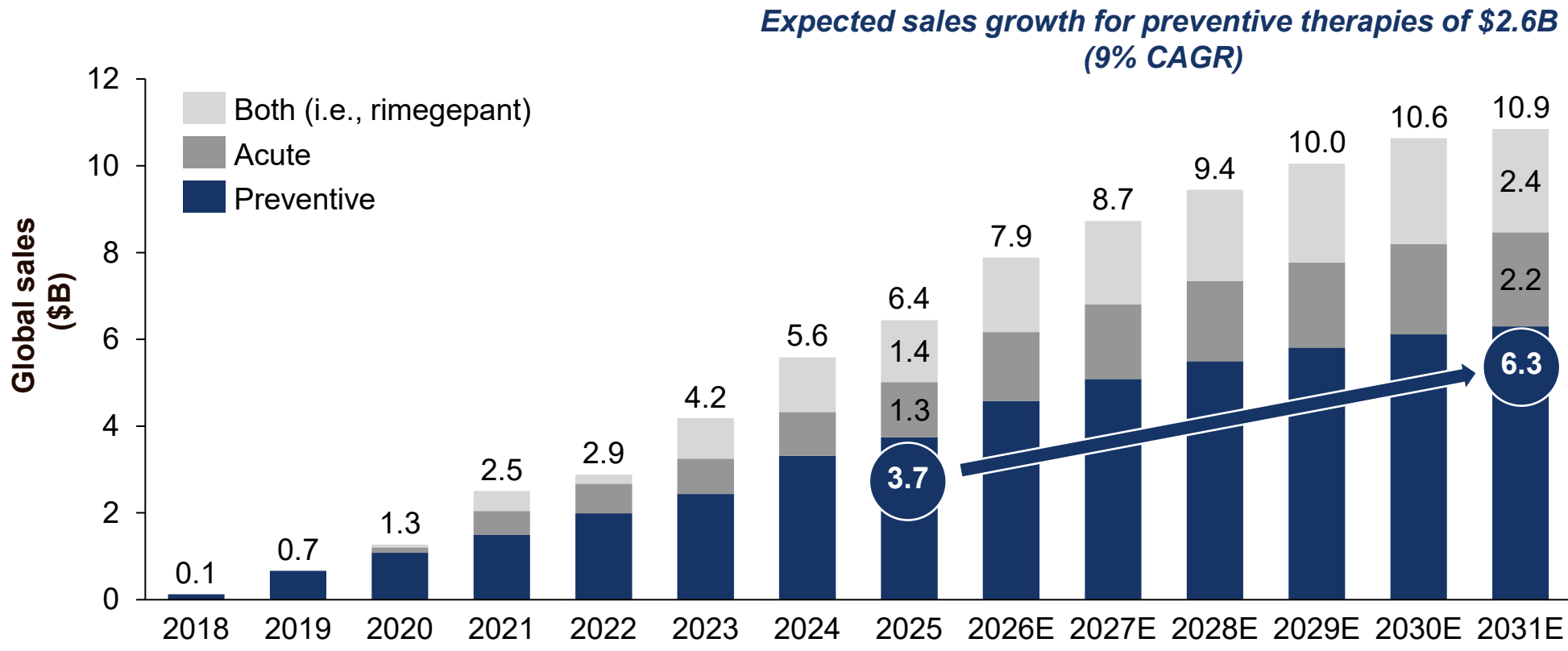
***Broad pipeline of targets** enables unique migraine prevention combos for enhanced efficacy*



Mentari has a rapid path to value creation

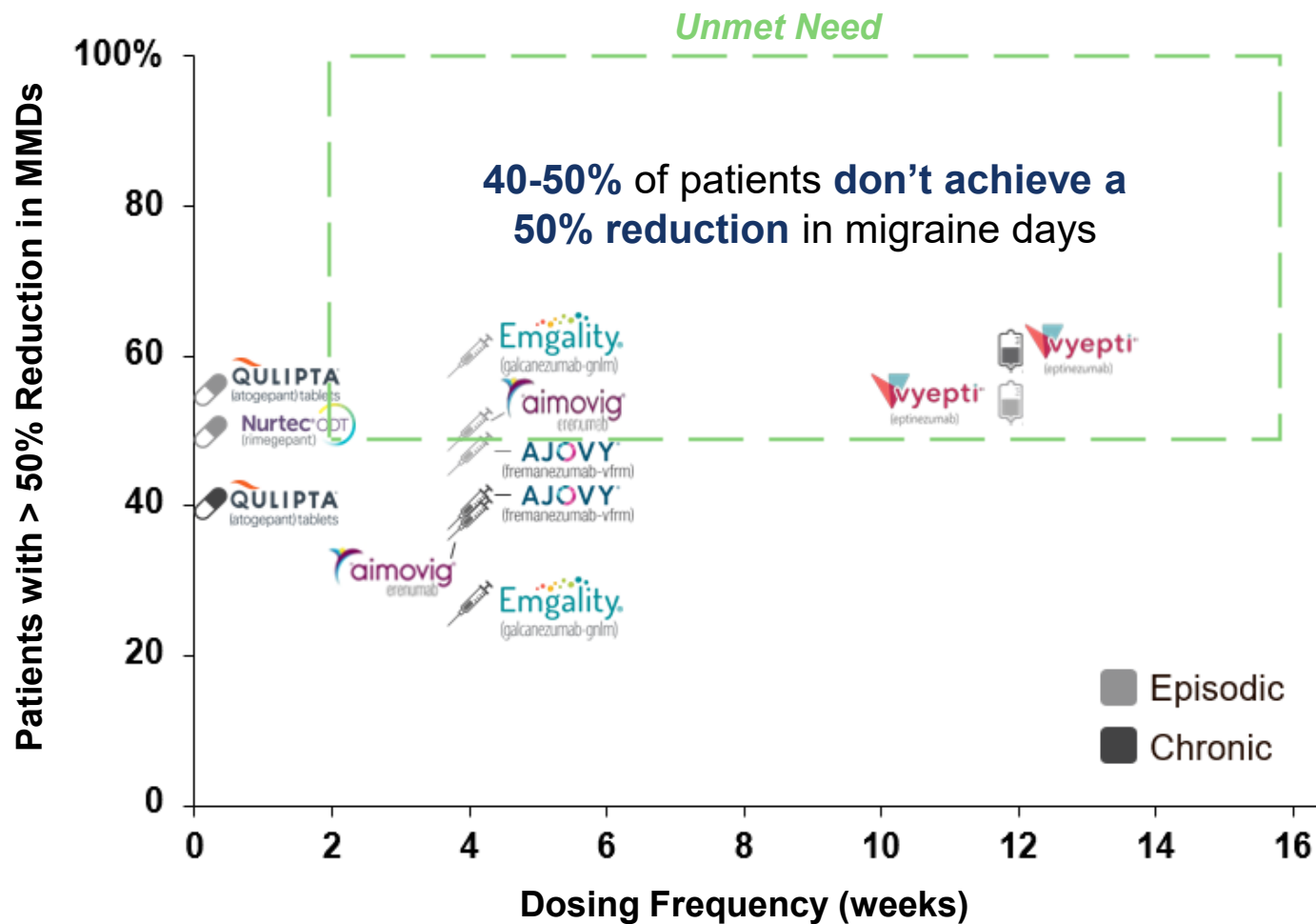
*Potential BIC bispecific (anti-CGRP x PACAP) **FIH filing expected early 2027**, with PK data expected later in 2027*

Migraine is a mega-blockbuster market with anti-CGRP therapies alone expected to peak at ~\$11B in revenue by 2031



Anti-CGRP therapies are **annualizing at >\$6B currently**, with **preventive treatments representing a majority of sales** and **significant market growth still expected**

While anti-CGRPs generate billions in revenue, there is still significant unmet need as many patients do not adequately respond



KOL Feedback

“For most preventive medications, the **drugs work ~60% of the time**... that is a 50% reduction in headache frequency, whether it’s Botox or antibodies.”

“**30% are desperately disappointed** because nothing happens [with anti-CGRPs]... there is **substantial unmet need**.”

“**30-40% of patients don’t respond** to CGRPs...”

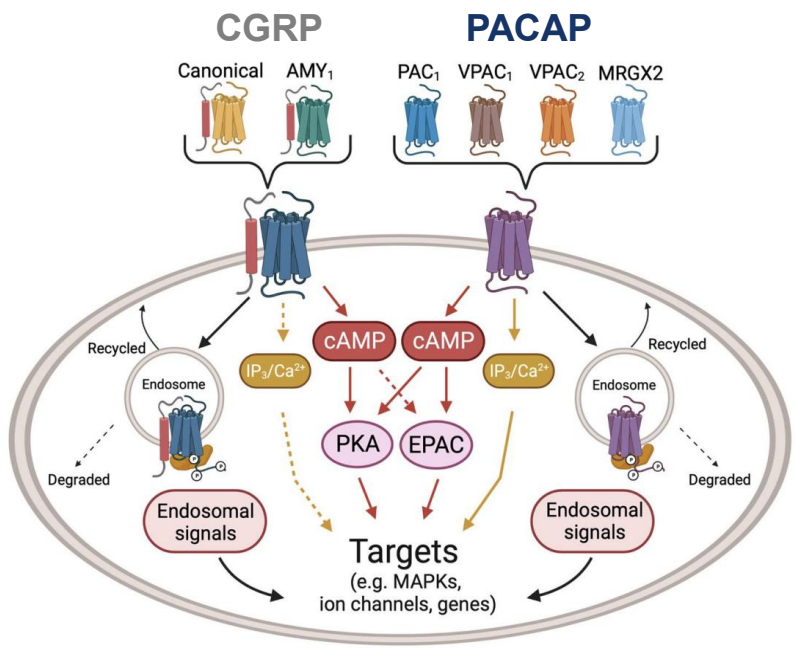
“**I bet the percent that are having a suboptimal response or need other options is at least 50%.**”

MMDs: monthly migraine days. Emgality episodic averaged across Phase 3 EVOLVE-1 & -2 trials. Vyepti 300mg Q12W dose. Ajovy 225mg Q4W dose, Ajovy can also be dosed 675mg Q12W but requires 3 injections. Aimovig 140mg Q4W dose. Nurtec ODT 75mg BID dose. Qulipta 60mg QD dose. Qulipta episodic averaged across pivotal ADVANCE and NCT02848326 trials. Sources: FDA Labels, KOL calls. Emgality, Ajovy, Aimovig, Vyepti, Nurtec, Qulipta are trademarks of Eli Lilly, Teva, Amgen, Lundbeck, Pfizer, and AbbVie, respectively.

CGRP & PACAP act through independent signaling pathways with established relevance in migraine pathophysiology

CGRP & PACAP signal via **discrete receptors** that **converge at downstream** migraine sites

CGRP & PACAP act on orthogonal pathways, **driving unique biology with overlapping impact** in migraine

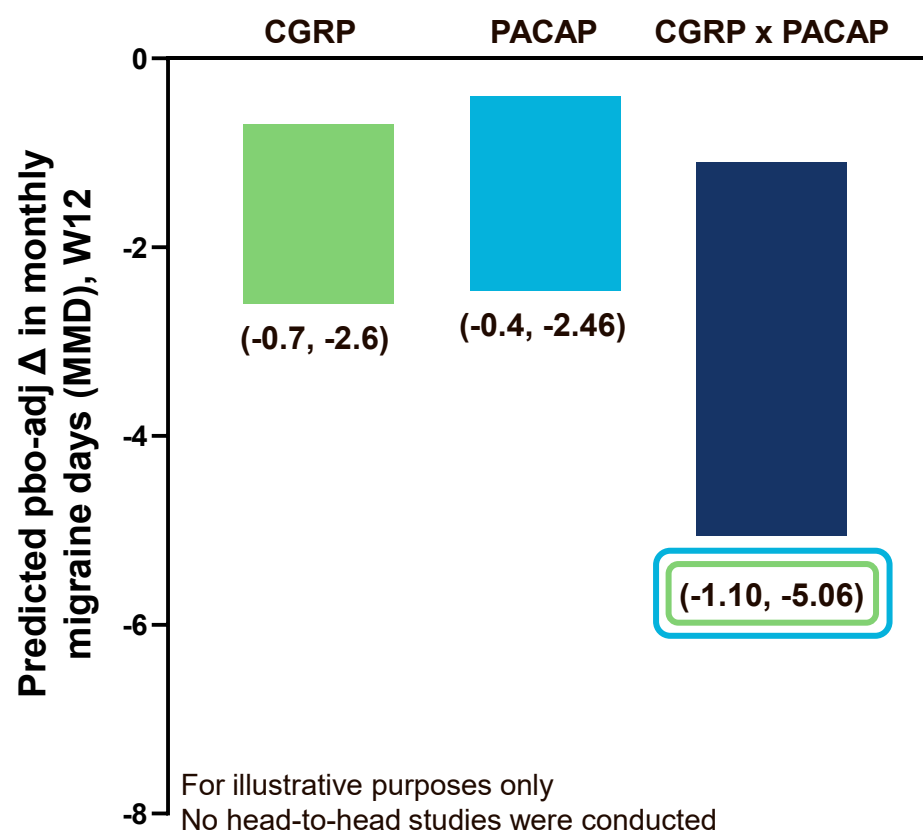


	PACAP	CGRP
Peptide is vasodilatory	✓	✓
Expressed in trigeminal ganglia sensory neurons	✓	✓
Receptors activate cAMP-dependent mechanisms	✓	✓
Peptide infusion provokes light aversion & mechanical allodynia in preclinical models	✓	✓
Preclinical mechanistic independence (PACAP effects not blocked by CGRP inhibition & vice versa)	✓	✓
Peptide expressed in parasympathetic neurons of sphenopalatine ganglion	✓	
Peptide infusion triggers premonitory symptoms in ~50% of human subjects	✓	
Peptide infusion induces migraine-like headaches in humans	✓	✓
Selective inhibition has shown preclinical & clinical efficacy	✓	✓

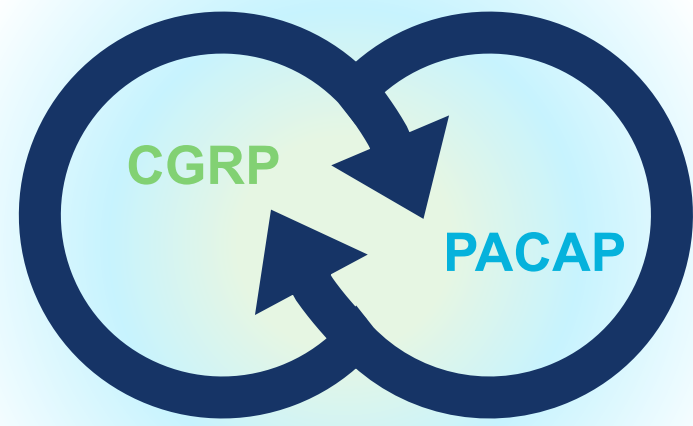
Dual CGRP and PACAP inhibition has potential to improve efficacy through synergy for patients

Targeting CGRP and PACAP together is expected to deliver more migraine relief than inhibiting CGRP or PACAP alone

Additive effect of dual CGRP & PACAP inhibition



Potential for synergistic effects



in migraine

Comparison is for illustrative purposes only. No head-to-head trials have been conducted. Illustrated trials had different patient populations and trial designs. All data ranges reflect Wk12 measures. Anti-CGRPs: Emgality (SC): EVOLVE-2 (Skjarevshi 2018 Cephalgia), EVOLVE-1 (Stauffer 2018 NEJM), REGAIN: Detke 2018 Neurol. Ajovy (SC): NCT02629861, NCT02629861. Vyepti (IV): FDA label. Anti-PACAP: Bocunebart data PROCEED IV doses A, B and C not disclosed (Ailani 2026 AHS). PROCEED SC doses: 150, 300 mg (Lundbeck patent WO2026/120069 AI). For anti-CGRPxPACAP: All 12wk anti-CGRPs were added to 12wk anti-PACAP observations to predict high and low additive efficacies.

MT-002 is a bispecific antibody targeting CGRP and PACAP, aiming for best-in-indication efficacy

Dual CGRP & PACAP inhibition

- Utilizes **validated CGRP epitope**
- Blocks PACAP activity with **potency in-line with bocunebart**
- Expected to **deliver increased efficacy** over anti-CGRP and anti-PACAP monotherapies
- Leverages **favorable safety profiles** of anti-CGRP and anti-PACAP monotherapies

Half-life extension

- Incorporates **clinically validated Fc modification** to extend half-life significantly

Novel IP for composition of matter into 2040s

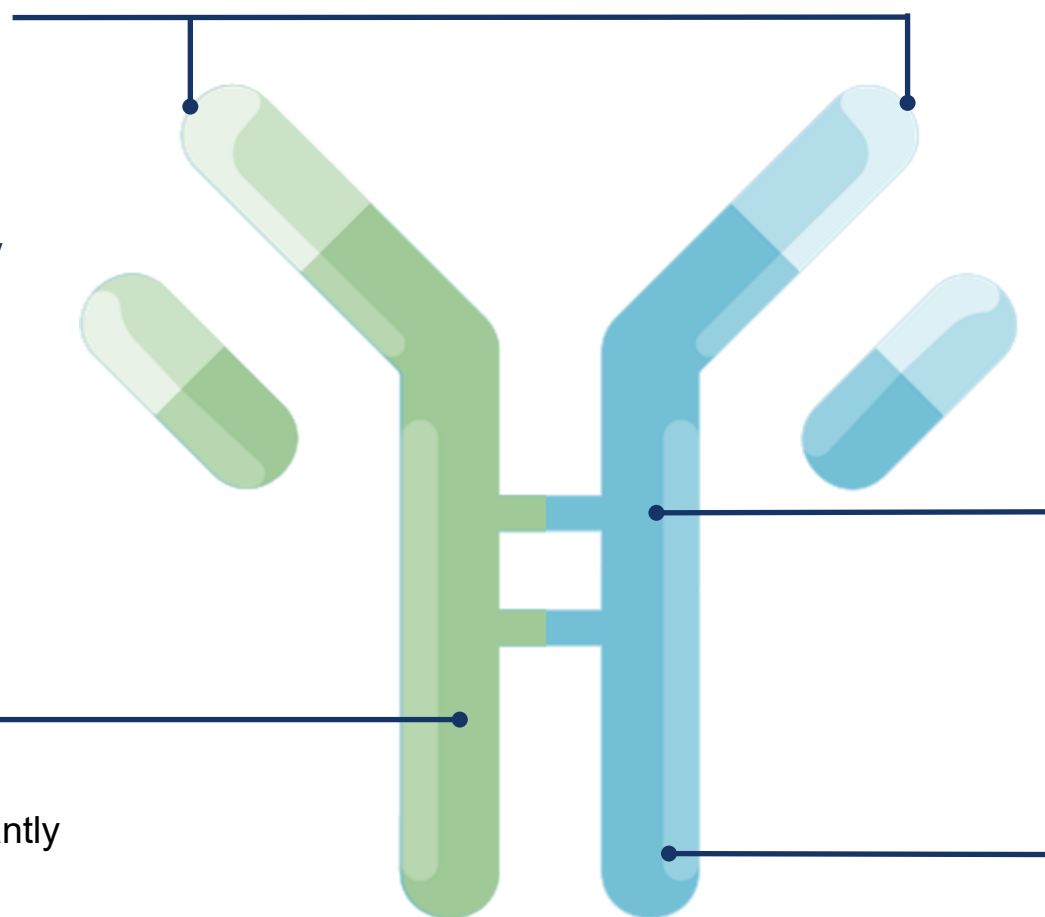
Subcutaneous formulation

- Plans incorporate patient-friendly **autoinjector** at launch

1+1 IgG-like format

- Designed to have **mAb-like properties**

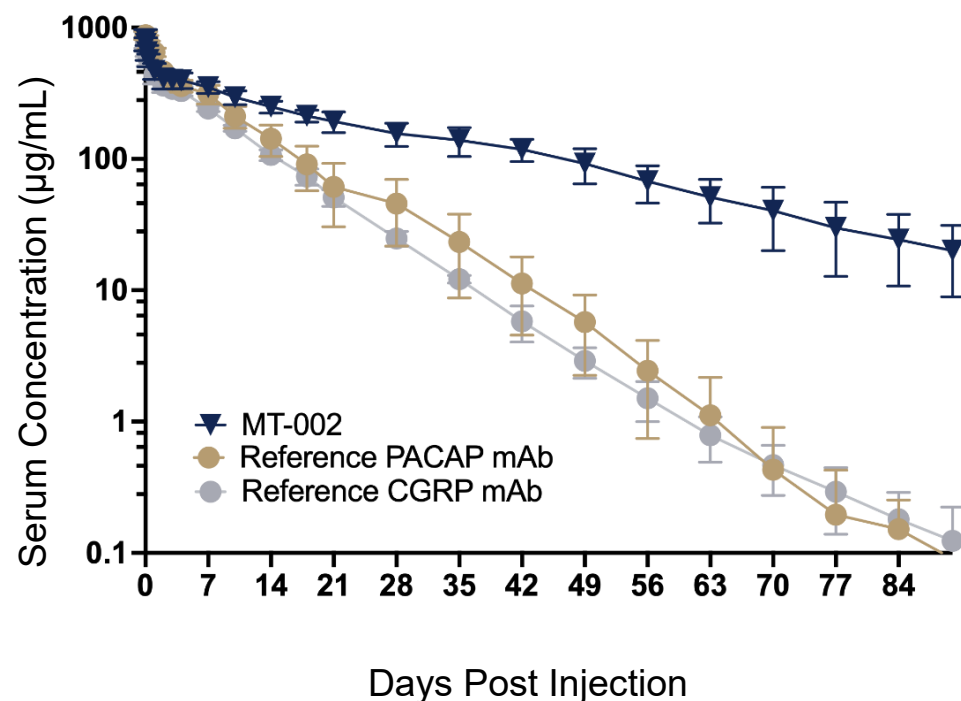
Effector-null IgG1 Fc



MT-002

MT-002 is designed to target efficacious exposures for both CGRP and PACAP with patient-centric SC dosing

MT-002 has a **~22-day NHP half-life**, translating to a **projected ~77-day half-life in humans**



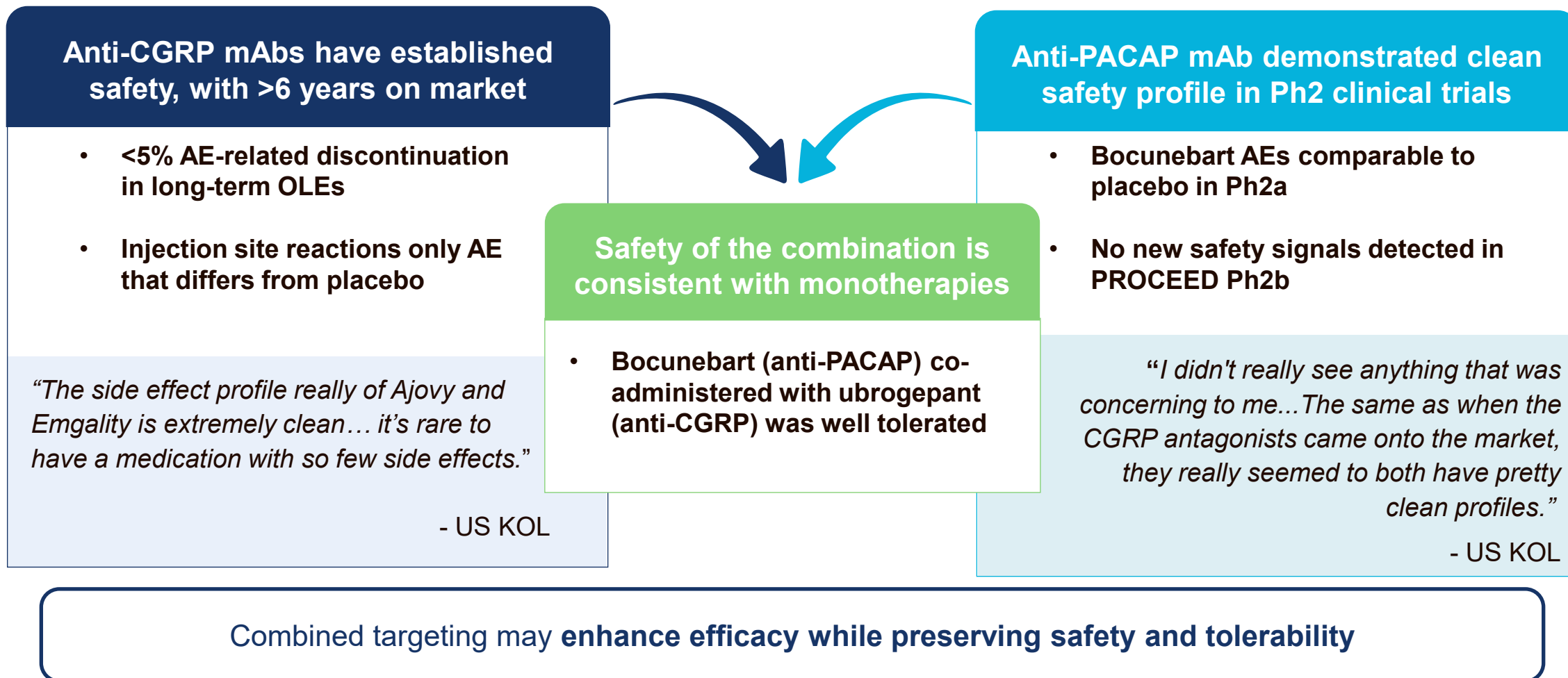
High probability of **convenient Q4W or Q8W SC dosing for MT-002** based on updated dose projections



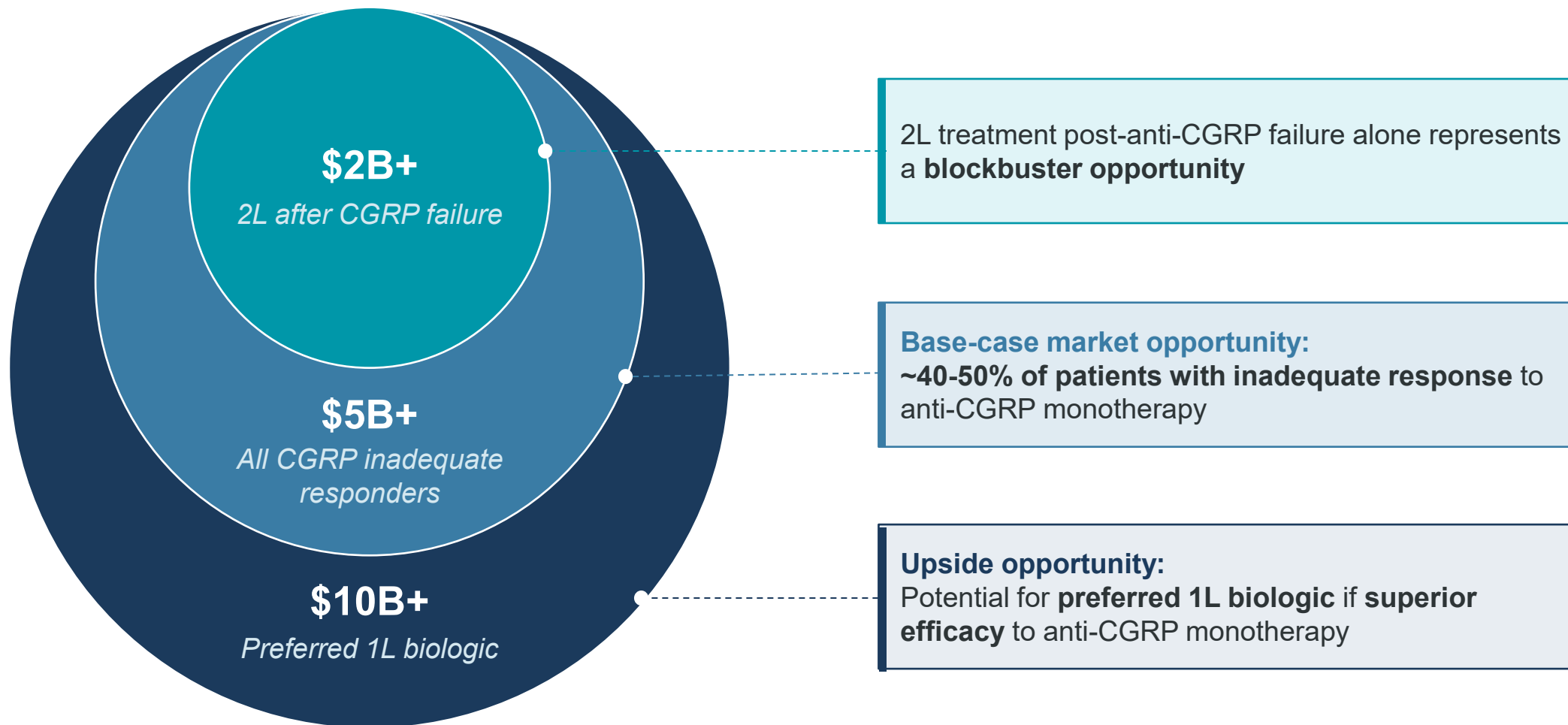
*"If the combined is more effective, then I would **preferentially use that**. So that would **come before either of the other two options** ... all my patients who I'm trying on a [CGRP] would **instead be tried on ... the combined therapy**."*

- US KOL

MT-002 builds on established safety of anti-CGRPs and emerging safety of anti-PACAP

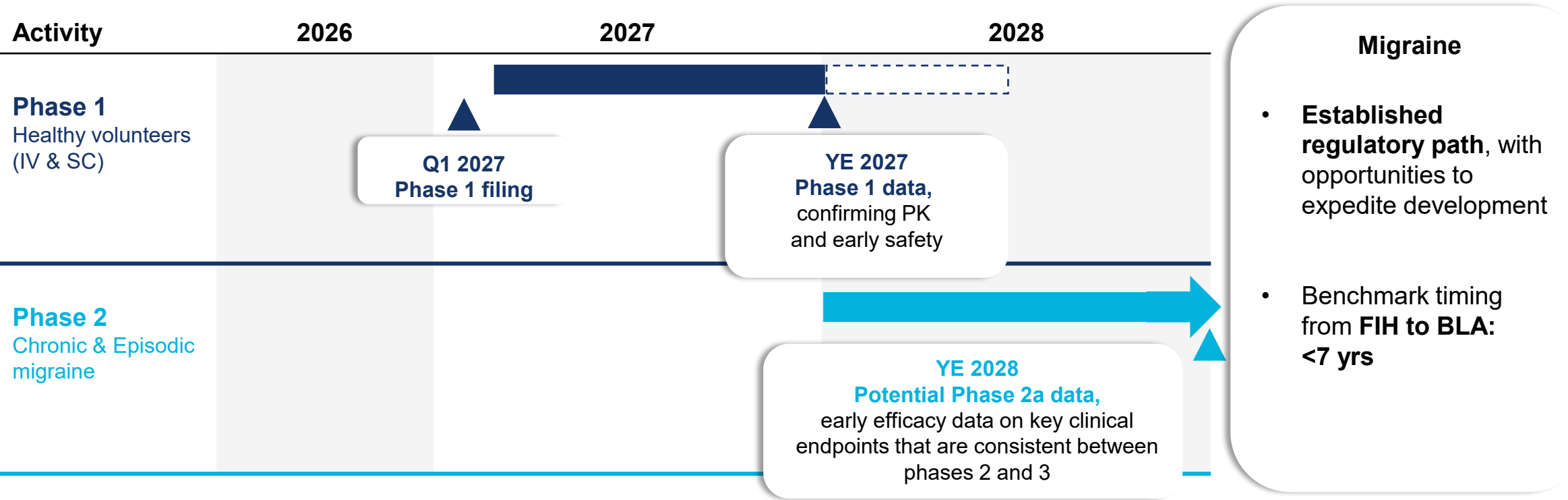


MT-002 with convenient dosing poised to disrupt the treatment paradigm



Notes: Inadequate responders defined as patients who do not reach >50% reduction in monthly migraine days (MMD) (combined partial and non-responders). TAM estimates based on projections for 2033 of ~\$10,000 WAC per patient, assuming 1.2M patients on anti-CGRP mAbs, 55% responders (>50% reduction in MMD), 25% partial response (>30% reduction in MMD), and 20% failures (<30% reduction in MMD). Sources: Ashina 2024 NEJM. Buse 2026 Neurol Ther. Guo 2023 Neurobiol Dis. Kuburas 2021 J. Neurosci. Kuburas 2023 J Headache and Pain. Overeem 2022 Cephalalgia. Amiri 2021 Front Neurol. Lundbeck Press Release (Feb 2026). Emgality, Ajovy, Vyepti, Aimovig FDA labels. GlobalData. Internal data. KOL interviews.

Migraine offers rapid path to value creation, with multiple near-term catalysts expected for MT-002



MT-001 is a potentially best-in-class anti-PACAP mAb

Blocks PACAP with equal or better affinity to bocunebart

- **Validated** mechanism of action
- Observed **similar potency** vs. bocunebart
- Predicted to **meet or beat efficacy**
- Predicted **equivalent safety**

Subcutaneous formulation

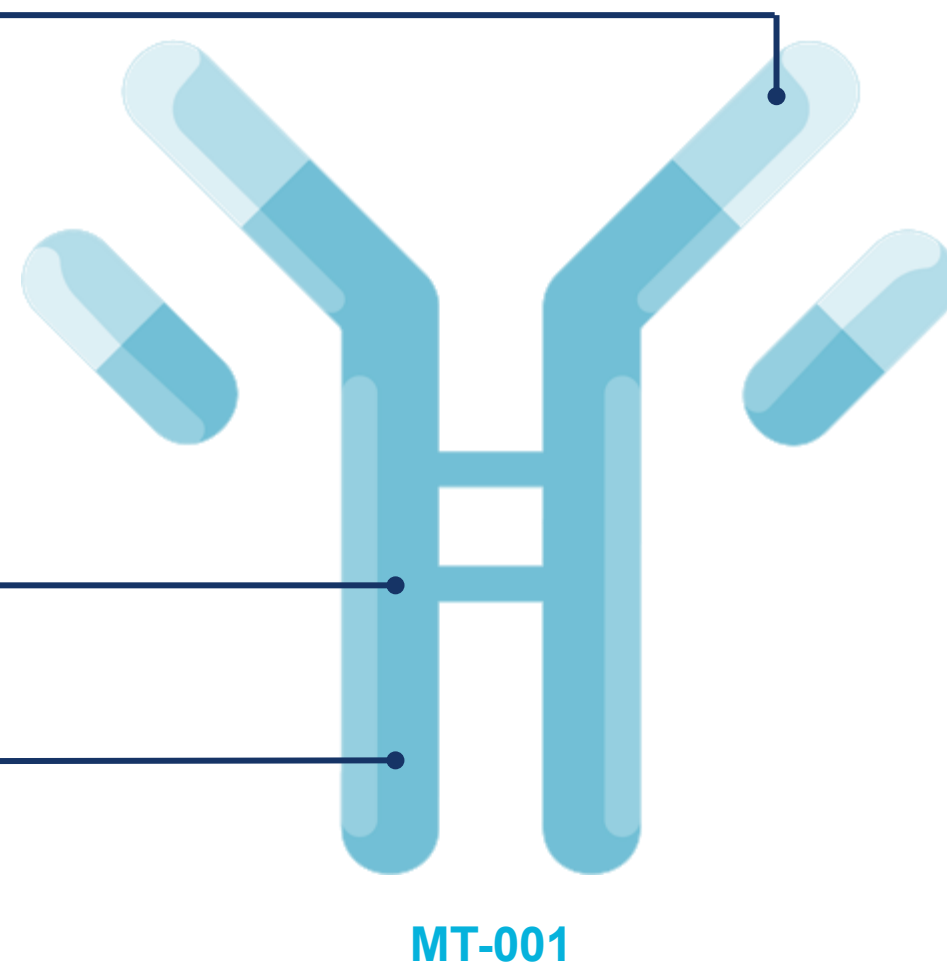
- Targeting lower dose to enable convenient SC autoinjector format

Half-life extension through validated Fc modification

- Longer exposure to reduce dosing frequency

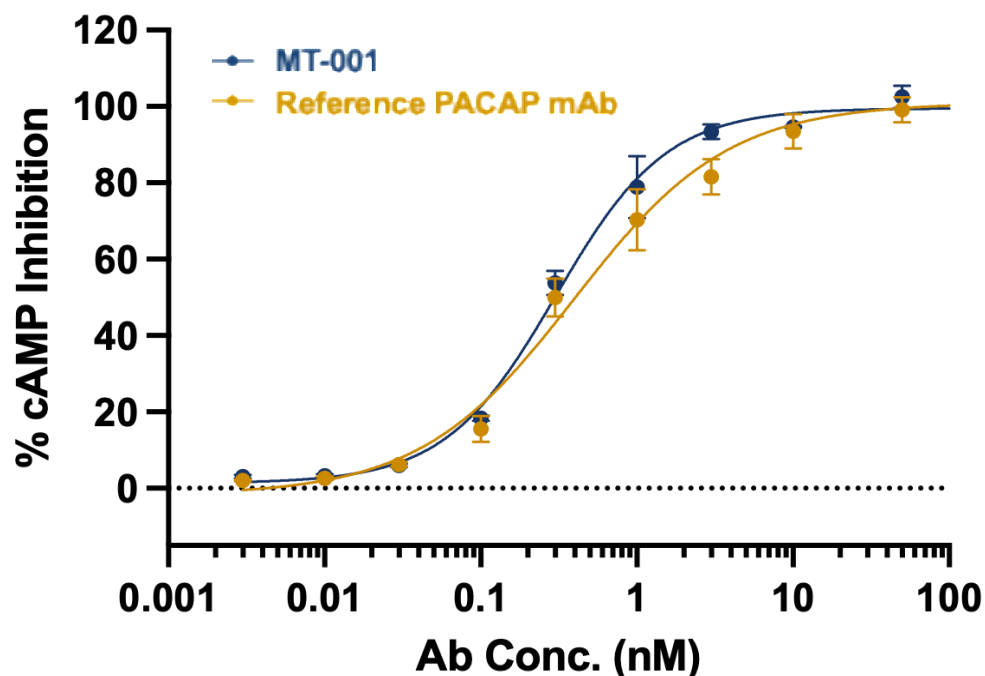
Effector-null IgG1 Fc

Novel IP for composition of matter into 2040s

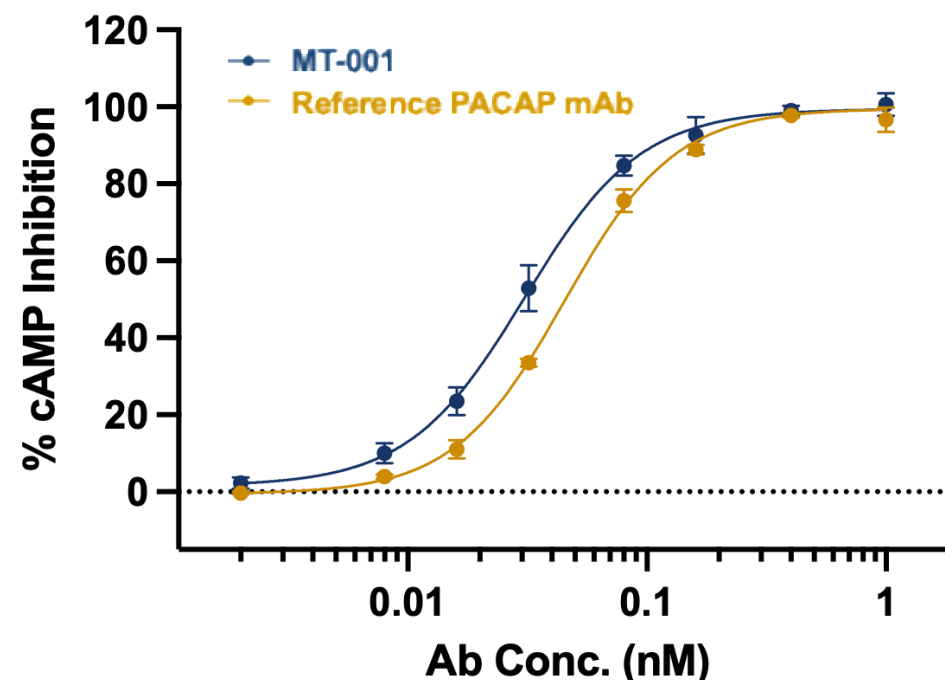


MT-001 has demonstrated similar *in vitro* potency to reference anti-PACAP across PACAP isoforms, multiple receptors, and cell lines

MT-001 shows **inhibition of PACAP38-induced cAMP similar to** reference anti-PACAP mAb

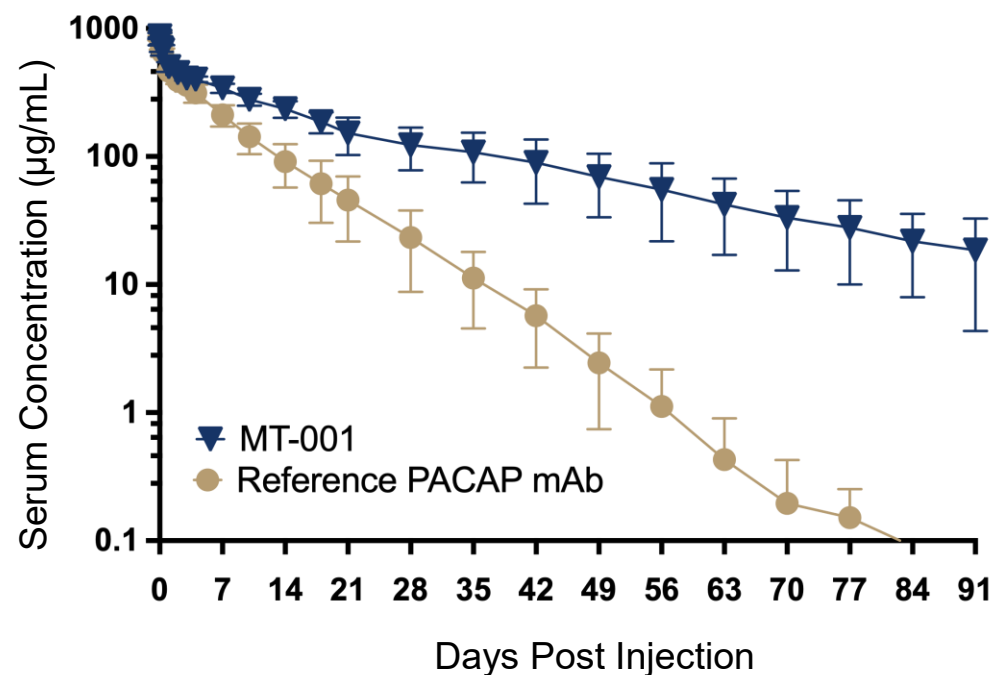


MT-001 shows **inhibition of PACAP27-induced cAMP similar to** reference anti-PACAP mAb



MT-001 is expected to match reference antibody's efficacious exposures with convenient Q3M SC dosing

MT-001 has a **~23-day NHP half-life** translating to a **projected ~81-day half-life in humans**



High probability of **convenient Q3M SC dosing for MT-001** based on updated dose projections, matching 480 mg bocunebart IV Q4W on Ctrough and AUC

MT-003 is a potential best-in-class anti-CGRP mAb with convenient Q3M SC dosing



Single-Agent Opportunity

Potential Best-in-Class anti-CGRP mAb
Single Q3M SC autoinjection

Highly validated target in a growing \$11B peak class (expected by 2031)

Only approved 4 dose/year regimen is IV

MT-003 projected to match efficacy of anti-CGRPs with convenient Q3M+ SC dosing

Annual doses

Aimovig
SC Q4W



Emgality
SC Q4W



Ajovy
SC Q4W/3M*



Vyepti
IV Q3M



MT-003
SC Q3M



With less burdensome dosing, MT-003 has potential to become the preferred anti-CGRP therapy

Patients and physicians prefer quarterly dosing

[A Q3M SC anti-CGRP] "would easily become **50% of my patients...** I think **people like that idea,**

- US KOL

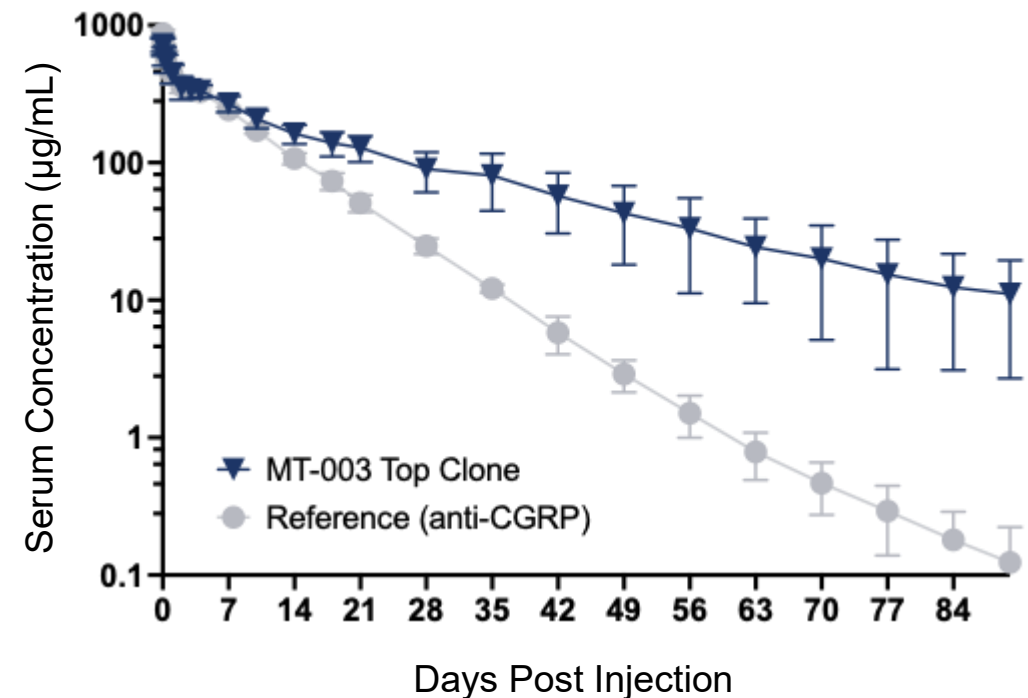
"Patients are more compliant when it's quarterly."

- US KOL

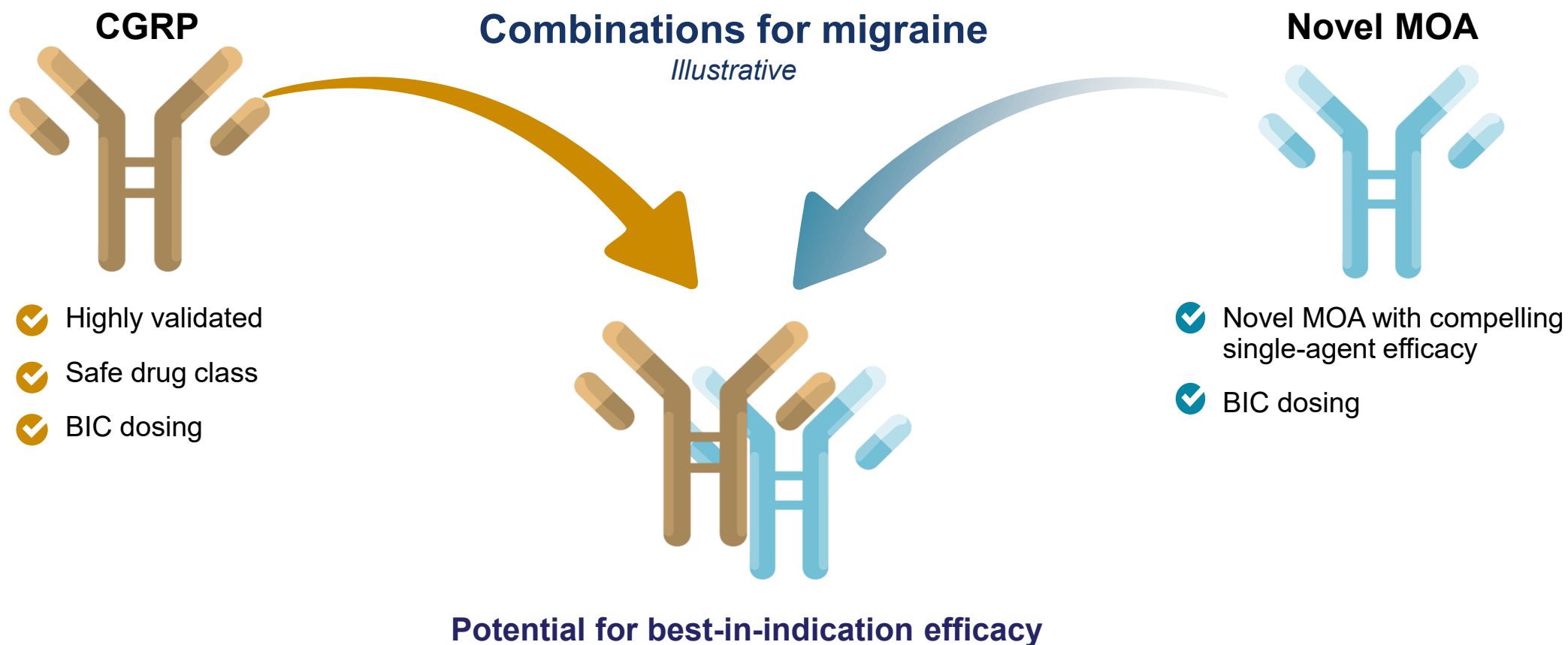
"if it gave similar results to Ajovy, Emgality, Vyepti, **but it's a quarterly injection,** yeah, I think **people would be very interested in that.**"

- US KOL

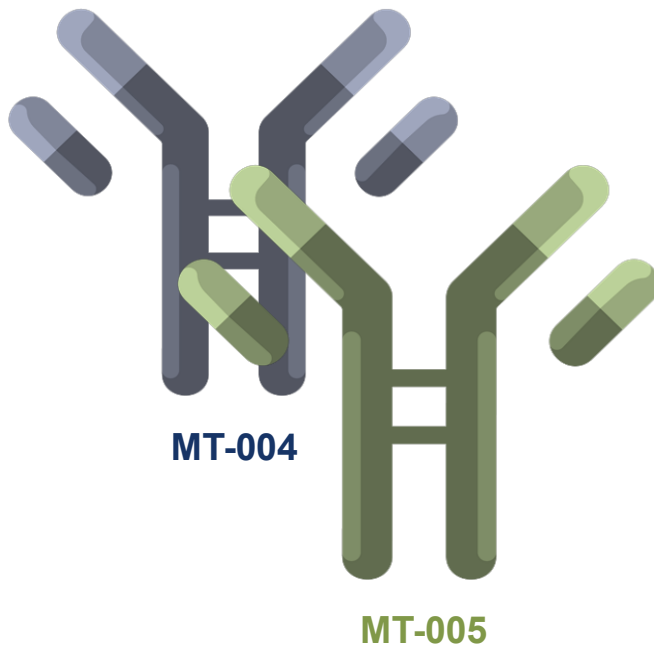
MT-003 has a **~19-day NHP half-life**, translating to a **projected 67-day half-life in humans**



MT-003 creates opportunity for best-in-indication combinations



Pipeline contains additional potentially best-in-class antibodies against novel migraine prevention targets



Differentiated targets in headache disorders:

Targets are distinct from CGRP with the potential for improved efficacy



Improved design:

MT-004 and MT-005 are engineered to be best-in-class



Enabling potential best-in-indication combinations

Upcoming expected catalysts:

▪ MT-004

❑ 1Q27 DC Selection

▪ MT-005

❑ 1H27 DC Selection

Current runway expected to fund Mentari through multiple value inflection points

	2026	2027	2028
MT-002 (Anti-CGRP x PACAP bispecific)	1Q – DC selection	1Q – IND or CTA YE – Ph1 HV data	
MT-001 (Anti-PACAP)	MY – IND or CTA	MY – Ph1 HV data	Ph2a PoC in migraine patients
MT-003 (Anti-CGRP)	MY – DC selection		
MT-004 (Undisclosed)		1Q – DC selection	
MT-005 (Undisclosed)		1H – DC selection	

Migraine therapies have generated multiple significant M&A outcomes and are highly valued by large pharma

Acquirer	Target	Deal economics (year)	Status of lead asset at deal
		\$11.6B (2022)	Oral CGRP-R antagonist (rimegepant / Nurtec / Vydura) approved in 2020
		~\$2B (2019)	Anti-CGRP mAb (eptinezumab, now approved as Vyepti) submitted for approval
		~\$1B (2017)	Oral 5-HT1F serotonin receptor agonist (lasmiditan, now approved as Reyvow / Rayvow) in Ph3s
		\$825M (2014) \$200M upfront, \$625M milestones	Anti-CGRP mAb (fremanezumab, now approved as Ajovy) in Ph2b

Mentari led by team with deep expertise in drug development

Management Team



Greg Divis

*Chief Executive Officer,
Board of Directors*

- Led Avadel as CEO from development-stage organization through commercialization and acquisition by Alkermes for up to \$2.4B
- Over 30 years industry experience, with leadership roles at Linden Capital Partners, Lumara Health, Ther-Rx Corp, Sanofi and Schering-Plough

Board of Directors



Julianne Bruno

*Chairperson,
Board of Directors*



Michelle Pernice

Board of Directors



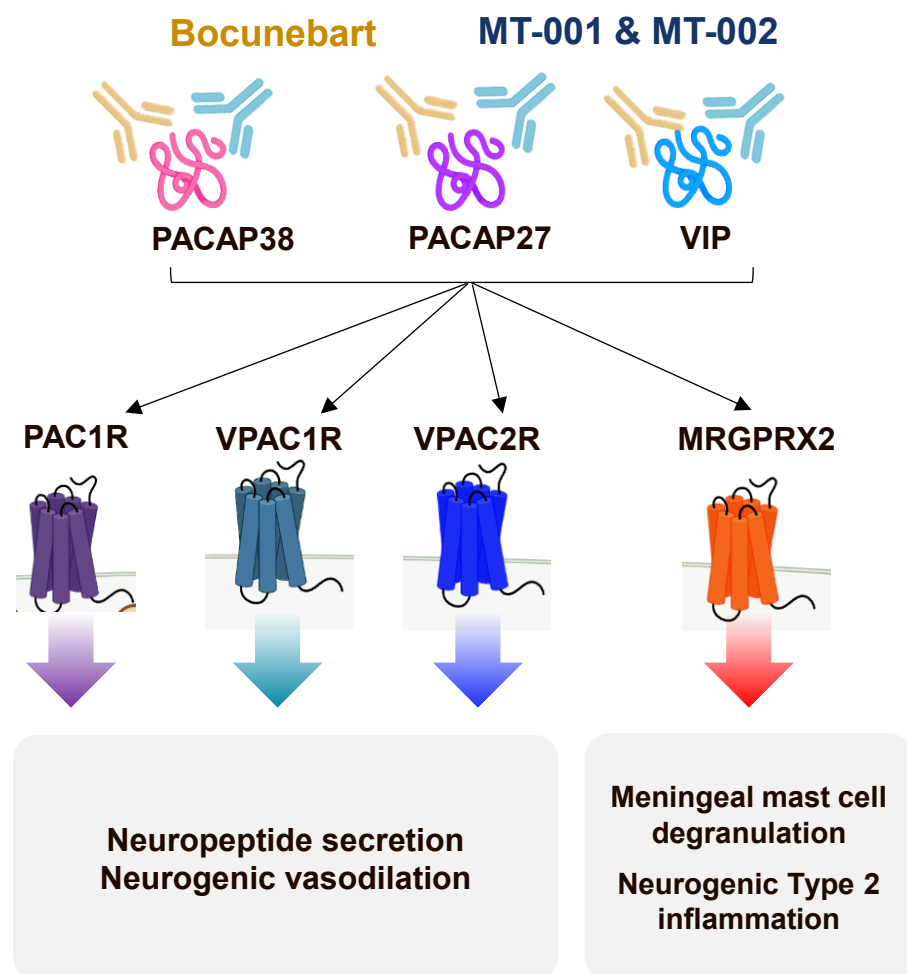
Laura Sandler

Board of Directors



Thank you

MT-001 and MT-002 have broad ligand-receptor coverage across multiple PACAP pathways



MT-001, MT-002 and bocunebart have similar binding profiles across key ligands

Receptor	Ligand	MT-001 & MT-002	Bocunebart
PAC1R	PACAP38	+++	+++
	PACAP27	+++	+++
	VIP	+	+
VPAC1R	PACAP38	+++	+++
	PACAP27	+++	+++
	VIP	+	+
VPAC2R	PACAP38	+++	+++
	PACAP27	+++	+++
	VIP	+	+
MRGPRX2	PACAP38	+++	+++
	PACAP27	+++	+++
	VIP	+	+

"+" denotes relative magnitude of potential inhibitory activity