FULL YEAR 2022 RESULTS WEBCAST AND CONFERENCE CALL

April 19, 2023

Important notice and disclaimer

This document has been prepared by Vivoryon Therapeutics N.V. (the "Company" or "We") strictly only for discussion purposes. This document does not constitute or form part of any offer or invitation to sell or issue, any offer or inducement or invitation or commitment to purchase or subscribe for, or any solicitation of any offer to purchase or subscribe for, any securities in the Company or any other entity. By reviewing this document, you represent that you are able to receive this document without contravention of any legal or regulatory restrictions applicable to you and will not use this information in relation to any investment decision.

This document and its contents may not be reproduced, redistributed, published or passed on, directly or indirectly, to any other person or published, in whole or in part, for any purpose. Failure to comply with these restrictions may constitute a violation of applicable securities laws. By accepting and reading this document, you will be deemed to agree not to disclose, reproduce or otherwise distribute any information contained herein.

Certain information contained in this document has been obtained from published and non-published sources prepared by third parties. While such information is believed to be reliable for the purposes used herein, none of the Company or its affiliates, directors, officers, employees, members, partners, shareholders or agents make any representation or warranty with respect to or assume any responsibility for the accuracy of such information, and such information has not been independently verified by the Company.

Certain statements contained in this document constitute forward-looking statements, estimates, predictions, influences and projections which are subject to risks and uncertainties and may reflect various assumptions, which may or may not prove to be correct. These forward-looking statements include information about possible or assumed future results of the Company's business, financial condition, results of operations, liquidity, plans and objectives. In particular, the words "anticipate," "believe," "could," "expect," "should," "plan," "intend," "estimate" and "potential," or other similar expressions are intended to identify forward-looking statements. Forward-looking statements appear in a number of places in this presentation and include, but are not limited to, statements regarding our intent, belief or current expectations. Forward-looking statements are based on our management's beliefs and assumptions and on information currently available to our management. Such statements are subject to risks and uncertainties, and actual results may differ materially from those expressed or implied in the forward-looking statements due to various risk factors and uncertainties including without limitation in relation to: the effectiveness of our main product candidate, and our ability to commercialize it if the regulatory approval is obtained; our ability to explore benefits of combination therapies between our product candidates and other products; our ability to compete and conduct our business in the future; our ability to overcome the challenges posed by the COVID-19 pandemic to the conduct of our business; our ability to expend our limited resources and to obtain funding for our operations necessary to complete further development and commercialization of our product candidates; the timing of and our ability to obtain and maintain regulatory approval for our product candidates; the initiation, timing, progress, results, and cost of our research and development programs and our current and future preclinical studies and clinical trials, including statements regarding the timing of initiation and completion of studies or trials and related preparatory work, the period during which the results of the trials will become available and our research and development programs. Moreover, we operate in an evolving environment. Thus, new risk factors and uncertainties emerge from time to time and it is not possible for our management to predict all risk factors and uncertainties, nor can we assess the impact of all factors on our business or the extent to which any factor, or combination of factors, may cause actual results to differ materially from those contained in any forward-looking statements. We qualify all of our forward-looking statements by these cautionary statements.

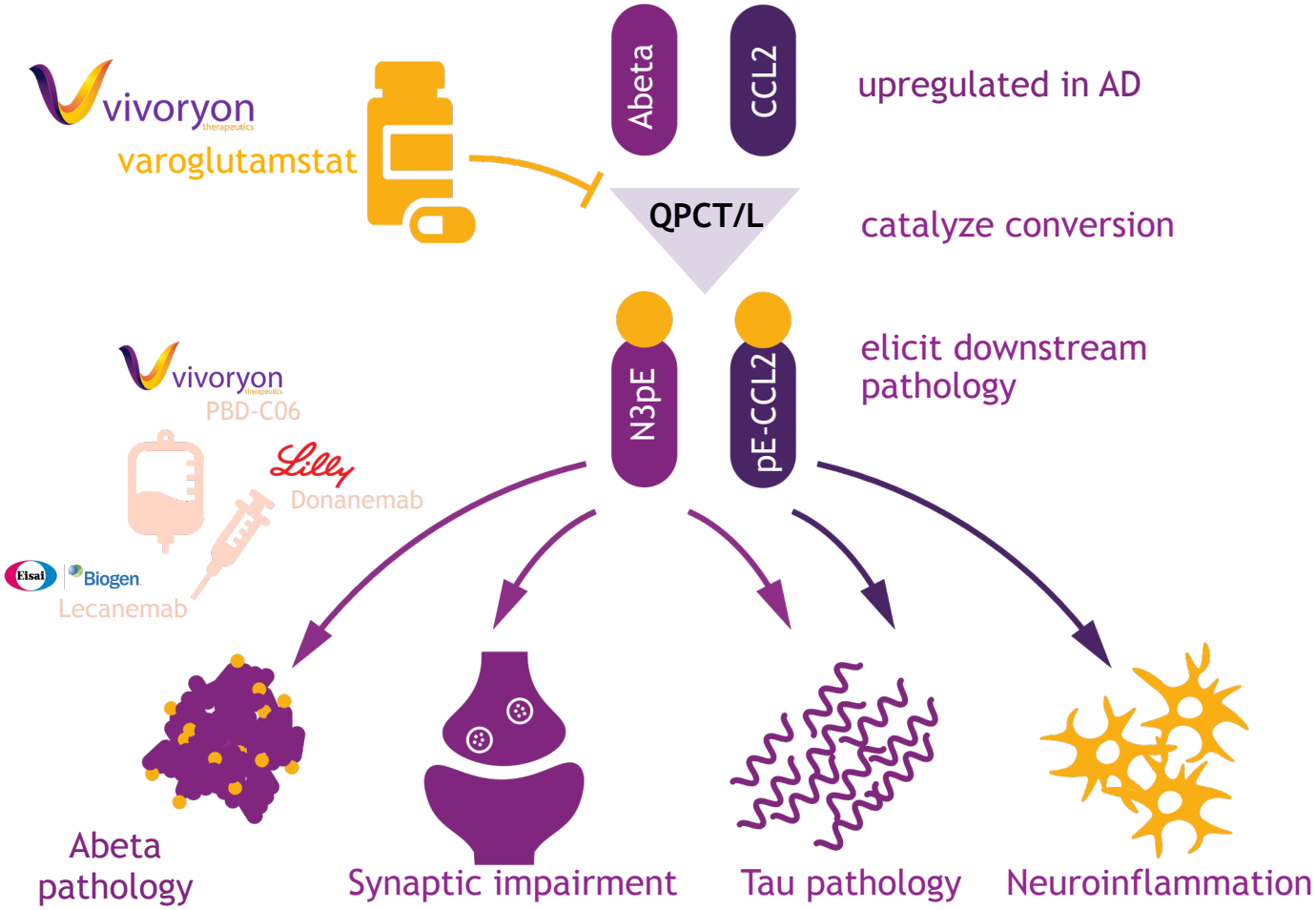
Forward-looking statements speak only as of the date they are made, and we do not undertake any obligation to update them in light of new information or future developments or to release publicly any revisions to these statements in order to reflect later events or circumstances or to reflect the occurrence of unanticipated events or otherwise, except as required by applicable law.

Lead Product Candidate: Varoglutamstat Prevents Formation of Toxic N3pE in AD

DIFFERENTIATED APPROACH TO AD

- **STATISTICALLY SIGNIFICANT** changes in working memory
- **CONVENIENT ADMINISTRATION** with oral availability in outpatient setting
- **ADDRESSES ALL KEY PATHOLOGICAL HALLMARKS OF AD**
  - Designed as upstream intervention compared to e.g. mAbs
  - Prevents formation of neurotoxic Abeta variant N3pE
  - Captures all Abeta aggregation states
  - Second mode of action modulates neuroinflammation and tau pathology
- **PROMISING SAFETY PROFILE** with no ARIAs seen in the clinical setting

VAROGLUTAMSTAT TARGETS UPSTREAM PATHOGENESIS



Varoglutamstat Clinical Development Strategy

Clear Path To Potential Regulatory Approval Based on Well-Informed, Extensive Phase 1 and Phase 2 Trials

Preclinical research
In vitro and in vivo studies

COMPLETED

- QPCT inhibition improves cognitive parameters in AD mouse models
- QPCT is essential for N3pE amyloid and pE-CCL2 formation *in vivo*

Phase 1
Assessment of safety and tolerability in 205 healthy volunteers

COMPLETED

- Varoglutamstat is well-tolerated – no DLT at 800 mg twice daily or up to 3.6 g once daily

Phase 1
Assessment of safety and tolerability in 60 healthy Chinese volunteers

IN PREPARATION

Phase 2a SAPHIR
Assessment of safety and tolerability in 120 patients with early AD

COMPLETED

- Statistically significant changes from baseline in working memory after only 3 months of treatment (as measured by CogState)
- High target occupancy detected at doses of 150 mg BID and above

Phase 2b VIVIAD
Assessment of safety, tolerability and efficacy in 250 patients with MCI or mild AD

Fully recruited
Final readout Q1/2024

- Endpoints: safety, attention/ working memory, NTB, biomarkers
- Parallel group, dose-finding part completed, study continues with DSMB recommended maximum dose of 600 mg BID or placebo
- Fully enrolled (259 pts); planned to allow for mean treatment duration of ~82 weeks

Phase 2a/b VIVA-MIND
Assessment of efficacy and safety in 180 patients with early AD

Expanded treatment duration in Phase 2a portion (72 weeks)
Study status update in H2/2023

- Endpoints: safety, attention/working memory, CDR-SB, biomarkers

Pivotal study or accelerated approval

- FDA Fast Track designation granted in 2021
- Two possible scenarios for late-stage development
  - Application for accelerated approval (based on consistent / positive data of Phase 2b studies)
  - Phase 3 clinical development

BID: twice daily; CDR-SB: clinical dementia rating scale-sum of boxes; DLT: dose-limiting toxicity; NTB: neuropsychological test battery

@Anca/Alex – updated for Stern comments, included cut off date as footnote instead of completely deleting, Stern slide in backup as reference

Clinical Portfolio Highlights

2022 and Post-Period

- **VIVIAD European Phase 2b study of varoglutamstat: on track for final data readout Q1/2024**
  - Parallel group, dose-finding part of study completed; independent DSMB selected highest dose investigated, 600 mg BID, as final dose in second part of study
  - Detailed safety data presented at AAIC 2022 in San Diego, showed varoglutamstat was well-tolerated at 600 mg BID
  - Enrollment completed as planned and study adapted to enable longer average treatment duration of participants (anticipated average treatment duration ~82 weeks)
  - Data[1] presented at AD/PD 2023 from >100 of 259 participants treated for ≥48 weeks showed that varoglutamstat was well-tolerated in the study to date, no on-target toxicity and no clinical signs of ARIA; both total number of SAEs and discontinuation rate were considerably lower than seen at 800 mg BID dose in prior Phase 2a study
- **VIVA-MIND U.S. Phase 2a/b study of varoglutamstat: update in H2/2023**
  - Study design adapted to enable all 180 patients to be treated for at least 72 weeks, allowing for opportunity to progress seamlessly to potential Phase 3 study
  - Study actively enrolling patients at 18 sites across the U.S., with DSMB having unanimously recommended to continue study without modification

[1] *cut-off date January 5, 2023*

@Anca/Alex – I tried to keep PhD / MD titled consistent from formatting perspective. I was not sure which was preferred, but this is now consistent with PR

Corporate Development Highlights

2022 and Post-Period

- **Financing events** to support ongoing clinical development of varoglutamstat
  - April 2022: EUR 21 million raised in private placement; capital raise supported by a number of high-quality institutional investors from Europe and U.S. / members of Vivoryon's Executive and Non-Executive Boards
  - September 2022: EUR 15 million raised in private placement with option to place an additional EUR 15 million; supported by longstanding investor Claus Christiansen and new investor KKR Dawn Aggregator
- **Clinical Trial Application** submitted by partner, Simcere, **for the development of varoglutamstat in Greater China approved** by China's Center for Drug Evaluation (CDE); preparations ongoing for Phase 1 study and subsequent Phase 2 study
- **Non-Executive Board** expanded and diversified by appointment of Claudia Riedl, PhD and Samir Shah, MD; all existing members re-appointed by AGM

Condensed Statement Of Profit And Loss

In €k	2022	2021	%
Gross profit	-	9,196	
Research and development expenses	(20,224)	(17,452)	16 %
General and administrative expenses	(8,908)	(4,549)	96 %
Operating loss	(29,113)	(12,798)	127 %
Finance result	758	575	32 %
Income taxes	199	(432)	
Net loss for period	(28,156)	(12,655)	122%
Loss per share (basic and diluted) (in EUR)	(1.28)	(0.63)	

Key Financial Figures

In €k	December 31, 2022	December 31, 2021
Cash and cash equivalents	26,555	14,661
Total assets	31,378	24,520
Total equity	26,506	16,557
Shares (number)	24,105,278	20,050,482

In €k	December 31, 2022	December 31, 2021
Cash flows used in operating activities	(21,794)	(11,257)
Cash flows used in investing activities	(13)	(28)
Cash flows from financing activities	33,381	(827)
Cash and cash equivalents at the end of period	26,555	14,661

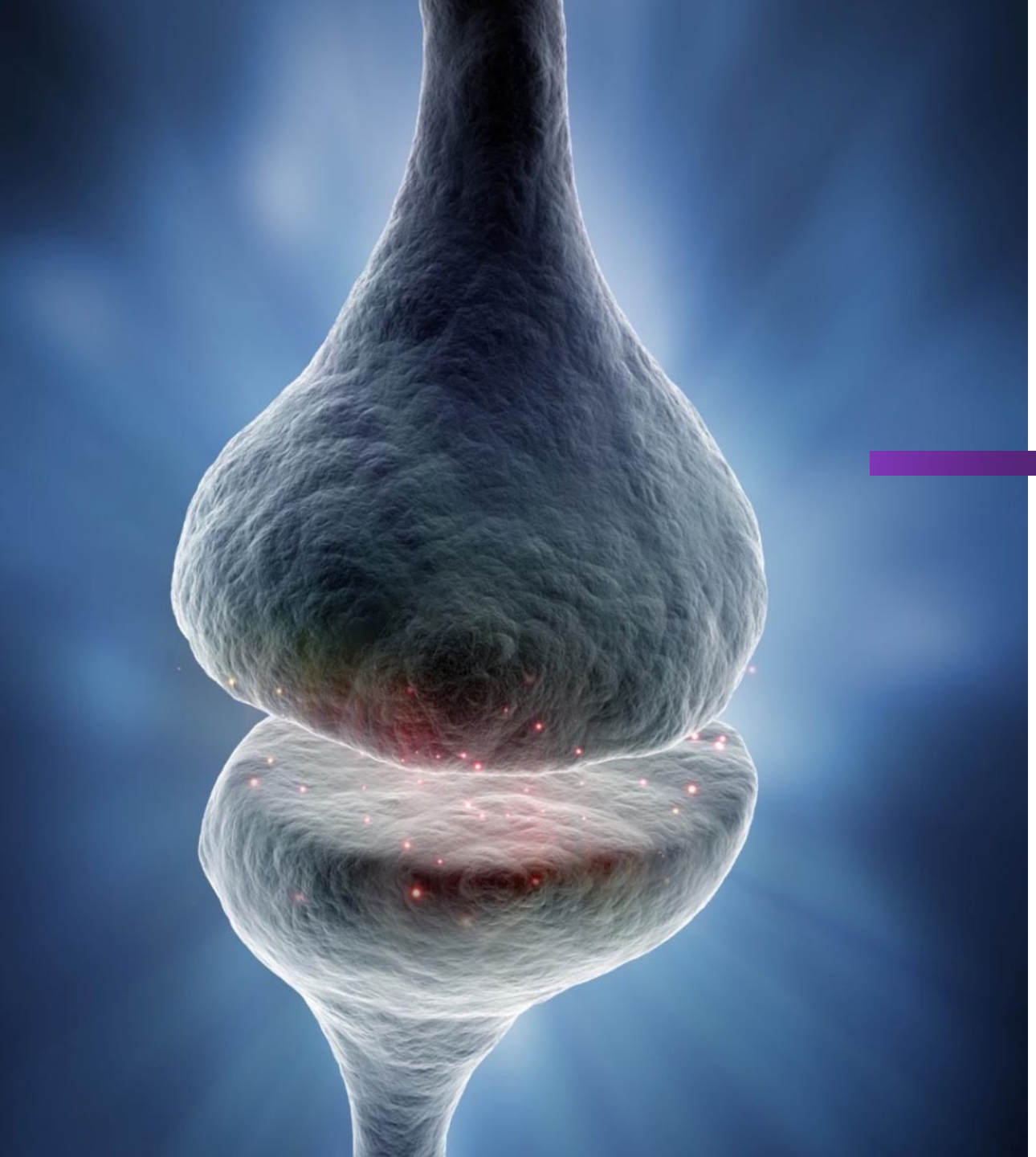
Positioned for Continued Value Generation

Varoglutamstat: Differentiated Phase 2 Asset with Unique Potential in AD

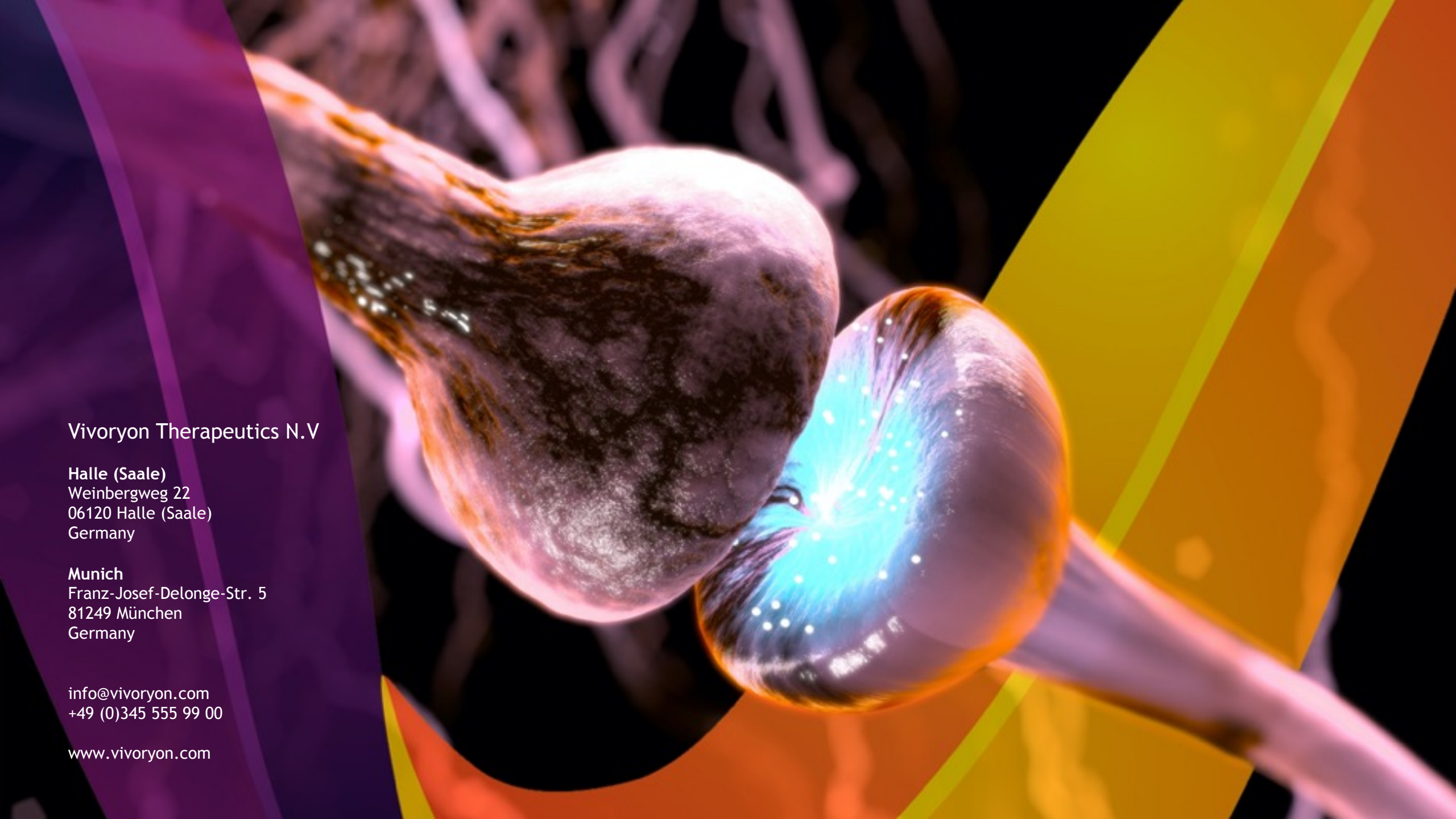
- **STATISTICALLY SIGNIFICANT** changes in working memory
- **CONVENIENT ADMINISTRATION** with oral availability in outpatient setting
- **ADDRESSES ALL KEY PATHOLOGICAL HALLMARKS OF AD**
  - Designed as upstream intervention compared to e.g. mAbs
  - Prevents formation of neurotoxic Abeta variant N3pE
  - Captures all Abeta aggregation states
  - Second mode of action modulates neuroinflammation and tau pathology
- **PROMISING SAFETY PROFILE** with no ARIAs seen in the clinical setting

Catalysts and Future Opportunities

- **UPCOMING CATALYSTS:**
  - VIVIAD European Phase 2b: Final readout Q1/2024
  - VIVA-MIND U.S. Phase 2a/b: Study status update in H2/2023
- **FUTURE OPPORTUNITIES:**
  - Potential to develop varoglutamstat in combination with mAbs in AD (own and external assets)
  - Follow-up programs into the clinic beyond AD
  - Through regional partnership with Simcere: Development opportunities for varoglutamstat and PBD-C06 in AD in Greater China



Q&A



Vivoryon Therapeutics N.V

Halle (Saale)
Weinbergweg 22
06120 Halle (Saale)
Germany

Munich
Franz-Josef-Delonge-Str. 5
81249 München
Germany

info@vivoryon.com
+49 (0)345 555 99 00

www.vivoryon.com