

FY 2024: Financial Results & Operational Update A year marked by positive kidney function data and progress in advancing varoglutamstat in kidney disease

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Vivoryon Therapeutics N.V.

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Shaping the future of Vivoryon in kidney disease: 2024/2025 YTD progress

Built Robust Body of Clinical Evidence

- Robust data from two independent Ph 2 studies showing varoglutamstat can improve kidney function (eGFR)
- Meta-analysis confirmed highly consistent and clinically meaningful effect
- Favorable safety and tolerability profile with a total of over 400 study participants treated to date

Designed Efficient Clinical Program

- Planned Phase 2b study in DKD with small, focused study design enabled by rigorous statistical analysis of VIVIAD and VIVA-MIND data
- Tight interaction with kidney KOLs including two successful events to ensure close alignment with kidney thought leaders on meeting the medical need

Clearly Defined Viable Commercial Strategy

- Successful strategic shift towards focus on inflammatory & fibrotic diseases with near-term focus on DKD
- Bolstering IP position around key assets, including new COM patent for varoglutamstat
- Thorough commercial positioning analysis and de-risking by new evidence of potential synergy with SoC

Focused on Securing Company for Future

- Cash runway extension through prudent management of resources
- ◆ SEPA to offer additional financial flexibility while actively pursuing additional financing / partnership opportunities
- Expanding executive team with Dr. Julia
 Neugebauer as COO

Underpinned by strong foundational science & compelling data



Robust body of evidence generated for varoglutamstat in kidney supports strategic shift towards advancing varoglutamstat in DKD





Topline VIVIAD data in early AD disappointing

- Did not meet primary and secondary efficacy endpoints in early AD
- · Generally well-tolerated



Exciting kidney function data observed in VIVIAD Phase 2b study

- Statistically significant improvement in kidney function (eGFR) vs. placebo
- Clinical biomarker data confirms target engagement



Kidney effect larger in diabetes subgroup; plan to do Phase 2 study in DKD

- Substantially larger treatment effect in diabetes subgroup
- Additional health benefits observed in diabetes subgroup
- Intense dialogue with kidney experts
- Ph 2 study planned to confirm results in patients with Stage 3b+ DKD



Data presented at ASN Kidney Week; confirmed in second Phase 2 study

- KOL event hosted outlining varoglutamstat's opportunity in kidney disease
- Outstanding VIVIAD data selected for late-breaking oral presentation at ASN Kidney Week; high enthusiasm from medical / scientific community
- Topline VIVA-MIND Ph 2 data reported corroborating VIVIAD results

Meta-analysis data support consistent effect and high response rates

- Responder analysis showed eGFR predominantly improved / stabilized in active vs. decline in placebo group
- Observed treatment effect size enables tailored Ph 2 study with ~90 patients
- R&D update with KOLs underscored quality, and consistency of data, potential to transform kidney outcomes
- Pre-clinical evidence showing potential synergistic effect with current SoC
- Meta-analysis data accepted for oral presentation at ERA in June 2025





2024 Financial Results & Corporate Updates

Anne Döring, CFO

Prudent spending allowed us to achieve strategic turnaround towards kidney disease while reducing cash utilization

In €k	Twelve months ended Dec. 31, 2024	Twelve months ended Dec. 31, 2023
Revenue	0	(3,620)^
Research & Development expenses	(14,058)	(17,637)
General & Administrative expenses	(6,903)	(8,600)
Net loss for the period	(20,586)	(28,576)
In €k	Dec. 31, 2024	Dec. 31, 2023
Cash & cash equivalents	9,365	18,562*
Financial assets	63	10,165*

- ◆ In 2024, R&D expenses continued to capture meaningful clinical costs for the Phase 2 VIVIAD and VIVA-MIND studies, as well as reallocation of investments to support advancing the kidney program
- Costs from VIVIAD and VIVA-MIND are largely completed; spending continues to occur on pre-clinical studies and kidney strategy



Cash runway extended into January 2026; SEPA with Yorkville provides financial flexibility beyond updated guidance

Improved outlook - cash runway now into January 2026*

- Successfully managed 2024 challenges
- Existing cash sufficient to finance operations for the full year 2025 and into January 2026
- Continue to support kidney disease strategy, expand pipeline and strengthen IP with limited cash utilization
- Initiation of the Phase 2b DKD study remains a key priority – start of the study subject to further additional funding and/or partnership

SEPA is one piece of our financial strategy towards starting our Phase 2b DKD study

- Standby Equity Purchase Agreement (SEPA) with Yorkville Advisors, provides access to additional capital of up to EUR 15 million over 36 months
- Facility can be utilized at our discretion: mechanisms in place that provide a level of control over amount and timing of tranches; program can be stopped at any time; no restrictions on additional fundraising activities
- Gives us financial flexibility while pursuing optimal solution to fund Phase 2b study



Strengthening a seasoned senior management team

Management

Frank Weber, MD
Chief Executive Officer





Anne Doering, CFA
Chief Financial Officer





Michael Schaeffer, PhD
Chief Business Officer





Joining May 1, 2025

Julia Neugebauer, PhD

Chief Operating Officer



IIIorphosys

Non-executive Directors

Erich Platzer, MD, PhD
Chairman of the Board

Claudia Riedl, PhD Chair Audit Committee **Charlotte Lohmann**

Samir Shah, MD

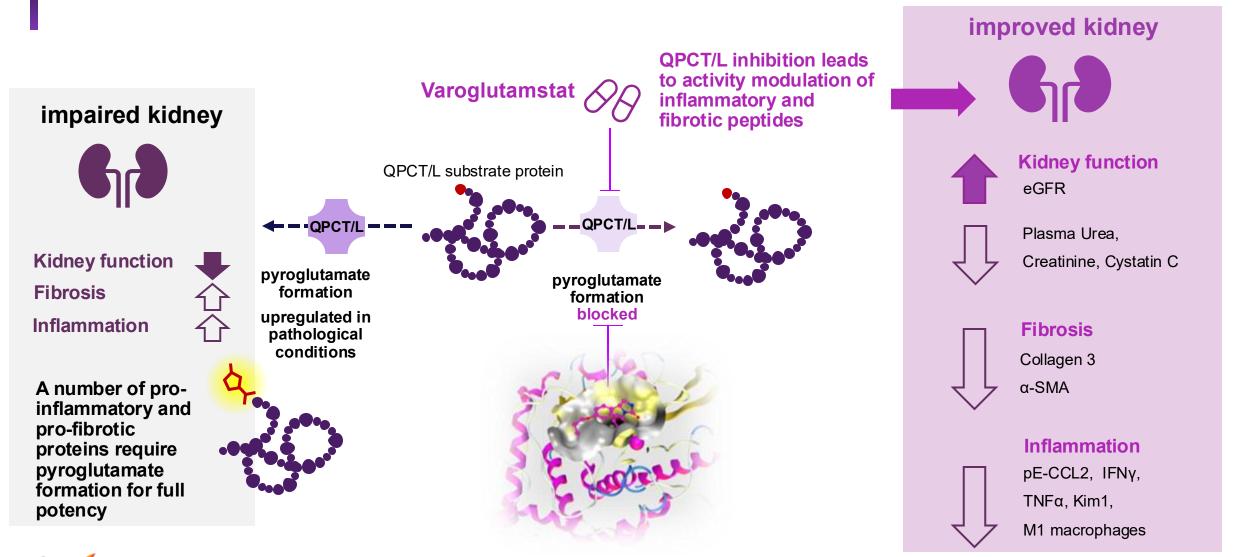
- Julia Neugebauer, PhD, joining as Chief Operating Officer May 1, 2025, and will take on responsibility for IR, market analysis and other corporate functions
- Formerly VP, Global Head of IR & Sustainability at MorphoSys AG, a biotech company previously dual-listed on the Frankfurt Stock Exchange and NASDAQ
- ~20 years experience in the biotech industry and strong track record in executing IR strategies, building long-term relationships with the investment community, managing the IR aspects of financial reporting and ensuring compliance with capital market regulations
- Extensive R&D background with >10 years of experience in antibody engineering and development; PhD from Ludwig-Maximilians-Universität München, Germany; Certified Investor Relations Officer (CIRO)



Varoglutamstat has a novel MOA with new pre-clinical evidence showing potential synergistic effect with current SoC

Michael Schaeffer, CBO

Groundbreaking discovery: Inhibition of QPCT/L reduces kidney inflammation and fibrosis, and improves pathophysiology and kidney function



SGLT-2 Inhibitors are now standard of care for patients with CKD (KDIGO 24)

KDIGO 2024 recommends SGLT2i for patients with

- ◆ Type 2 diabetes, CKD, and an eGFR ≥ 20 mL/min/1.73 m²
- Adults with CKD eGFR ≥ 20 mL/min/1.73 m² with urine ACR
 ≥ 200 mg/g or heart failure, irrespective of level of albuminuria
- ◆ Adults with eGFR 20 to 45 mL/min/1.73 m² with urine ACR
 < 200 mg/g

The medical need for patients with CKD remains high

- ◆ SGLT-2 inhibitors reduced the risk of kidney disease progression by 34%
- No differences observed in death due to kidney disease
 (P = 0.182) or events of eGFR < 15 mL/min/1.73 m² (P = 0.202)

Understanding the additional benefit of QPCT/L inhibitors on top of SGLT2i is essential for development and commercial success



Evaluation of varoglutamstat in ADI-CKD model of CKD

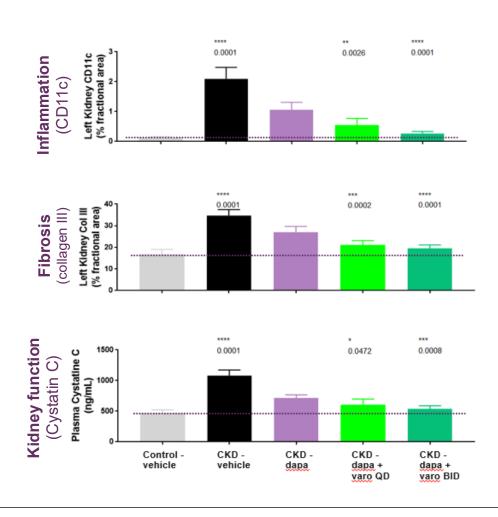
- ◆ ADI-CKD established animal model for CKD; CKD is induced by an adenine-rich diet in rat/mice¹
- High doses of adenine lead to accumulation and crystallization of a metabolic product (2,8-DHA),
 which induces kidney inflammation a major mechanism of CKD
- 3-week treatment: SGLT2i dapagliflozin once daily w/o and w/ varoglutamstat on top, either once daily or twice daily dosing
- Broad panel of blood parameters and IHC (immunohistochemistry) markers in kidney samples for analyses of inflammatory and fibrotic events and kidney function



Impressive synergistic effects of dapagliflozin plus varoglutamstat - pronounced modulation of inflammatory and fibrotic mechanisms in CKD mouse model

Results pave the development path of QPCT/L inhibitors in combination with SGLT-2 inhibitors

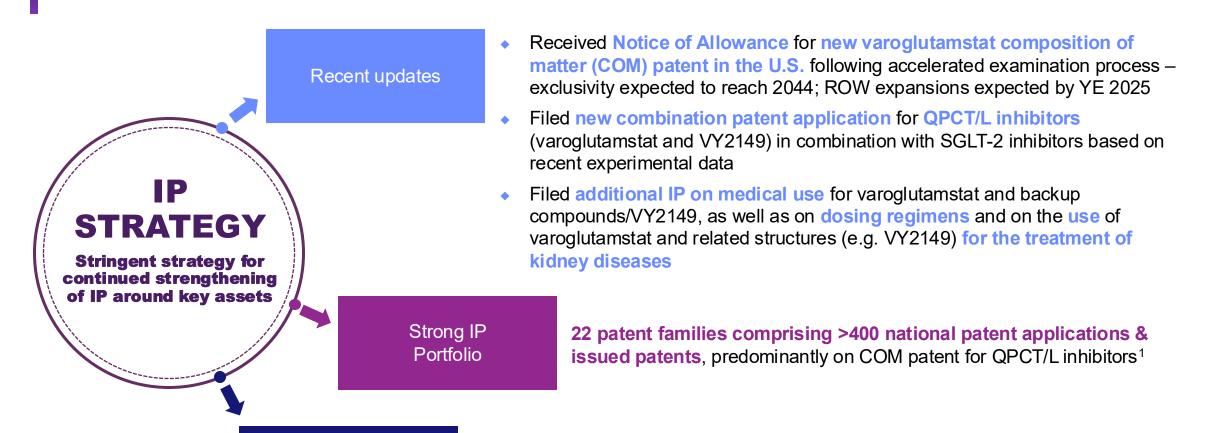
- Efficacy observed on top of SGLT-2 inhibitors derisk the DKD / CKD clinical development program substantially
- Magnitude of effect of QPCT/L inhibition together with SGLT-2 inhibition shows trend towards normalization of pathological findings across multiple outcome parameters
- Once daily similar efficacy vs. twice daily in pre-clin models supports investigation of once daily in clinical trial
- Ideal combination partner for patients treated with SGLT-2 inhibitors with strong synergistic effect observed
- Due to outstanding effect observed we have filed patents for combination of QPCT/L inhibitors with SGLT-2 inhibitors





Continuing to evolve IP strategy based on scientific evidence

Bolstering IP portfolio on multiple levels: Solid IP strategy spanning composition of matter and indication / dosing patents

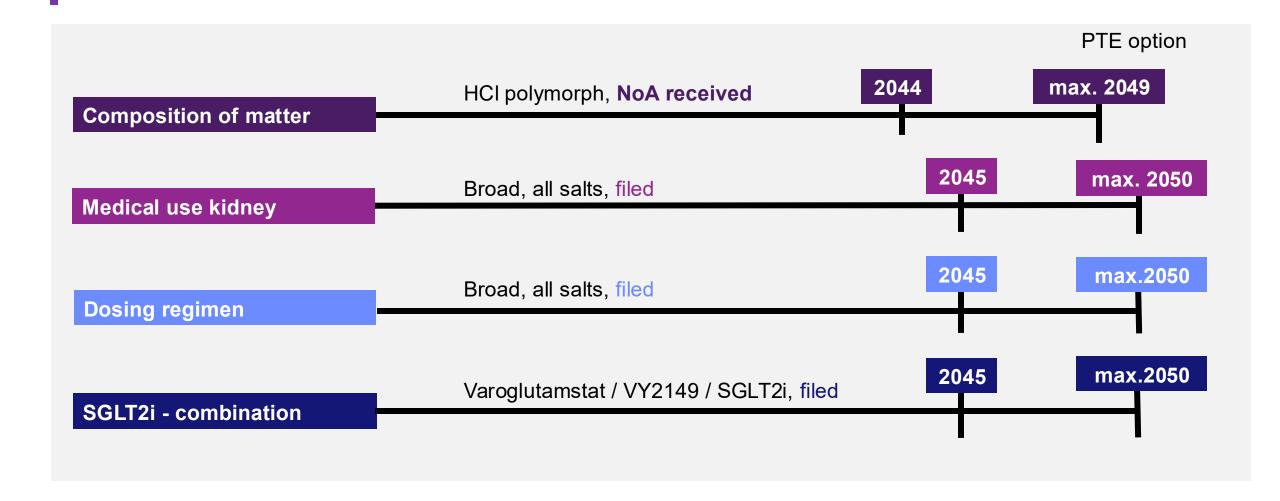


Multiple indications covered

Large number of medical use patents in a variety of different indications, incl. kidney diseases, inflammatory diseases, oncology, genetic and fibrotic diseases



Our IP-strategy in the US aims to generate exclusivity for varoglutamstat up until at least 2044, with potential for further extensions





A convenient new treatment option to fill the existing gap in kidney diseases

Product profile demonstrates varoglutamstat has the potential to stabilize/counteract continuous decline in kidney function as single agent and in combination with SoC



Single agent oral compound, in addition pre-clinical evidence for highly synergistic effect on top of SGLT2i



First-in-class mechanism of action addressing key pathways in inflammation / fibrosis



Statistically significant and clinically meaningful improvement of eGFR in two independent double-blind placebo-controlled studies. Effect size substantially larger in diabetes vs. non-diabetes population



Clearly differentiated profile with >70% patients showing improvement or stabilization of eGFR in diabetes subgroup



Excellent safety profile consistent across two years of study duration



Composition of matter protection in US until 2044 (2049 with potential PTE)¹; expansions to ROW due end 2025



Varoglutamstat's unique and beneficial effect on kidney function

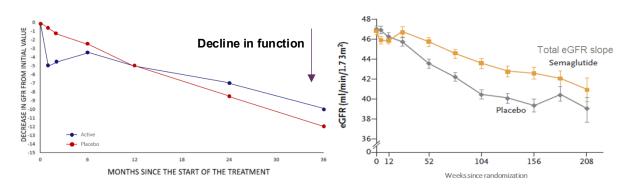
Frank Weber, CEO

Novel therapies are needed to address the rising global health challenge of kidney disease

Vivoryon's varoglutamentat has potential to transform kidney outcomes

- Chronic Kidney Disease (CKD) is a rising global health problem and is set to become the fifth leading cause of years of life lost by 2040
- CKD manifests as a progressive decline in kidney function and can lead to significant disability and/or premature death
- Diabetes is a major risk factor for CKD and Diabetic Kidney Disease (DKD) is a leading cause of end stage kidney disease
- Treatments for CKD/DKD have advanced but still do not halt or reverse kidney function decline which will likely increase as the population ages
- Inflammation is a key underlying pathway in driving progression of DKD and other kidney disorders

Current therapies do not halt or reverse the progressive decline in kidney function characteristic of chronic kidney disease



SGLT2i effect on kidney function (eGFR ;compiled data)¹

Semaglutide effect on kidney function (FLOW trial eGFR)²

Vivoryon is well-positioned with varoglutamstat to address the unmet medical need in kidney disease



Vivoryon has evaluated varoglutamstat's effect on kidney function in two independent randomized double-blind placebo-controlled Phase 2 studies



VIVA-MIND Phase 2 (USA)

Similarities and differences between VIVIAD & VIVA-MIND

Parameter	VIVIAD (Europe)	VIVA-MIND (U.S.)
Patient selection	Mild AD, mean age 68 yrs	Mild AD, mean age 72 yrs
No. of patients treated	n=259	n=109
Varoglutamstat dose	300 and 600 mg BID	600 mg BID
Dose escalation period	Slow: 600 mg start week 13	Fast: 600 mg start week 9
Treatment duration	76 wks (mean) / 96 wks (max.)	46 wks (mean) / 72 wks (max.)
eGFR¹ sampling	Every 12 weeks plus week 4	Every 12 weeks plus weeks 4, 8,16
No. of patients with diabetes	n=32 (12.4%)	n=16 (14.7%)

Kidney function, measured using eGFR, was a pre-specified safety / exploratory endpoint

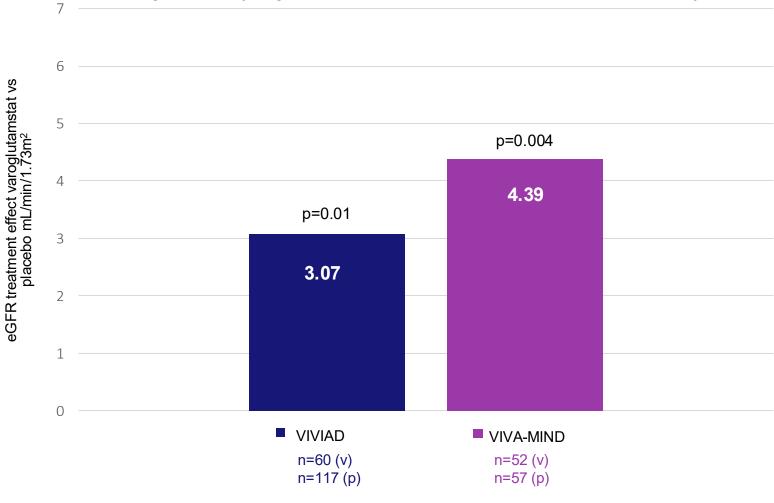


Beneficial kidney function effect consistently observed in both VIVIAD and VIVA-MIND

Two independent studies confirm statistically significant and clinically meaningful improvement in eGFR

LSmean difference of eGFR between varoglutamstat 600mg BID and placebo (all patients, all visits with eGFR assessment)

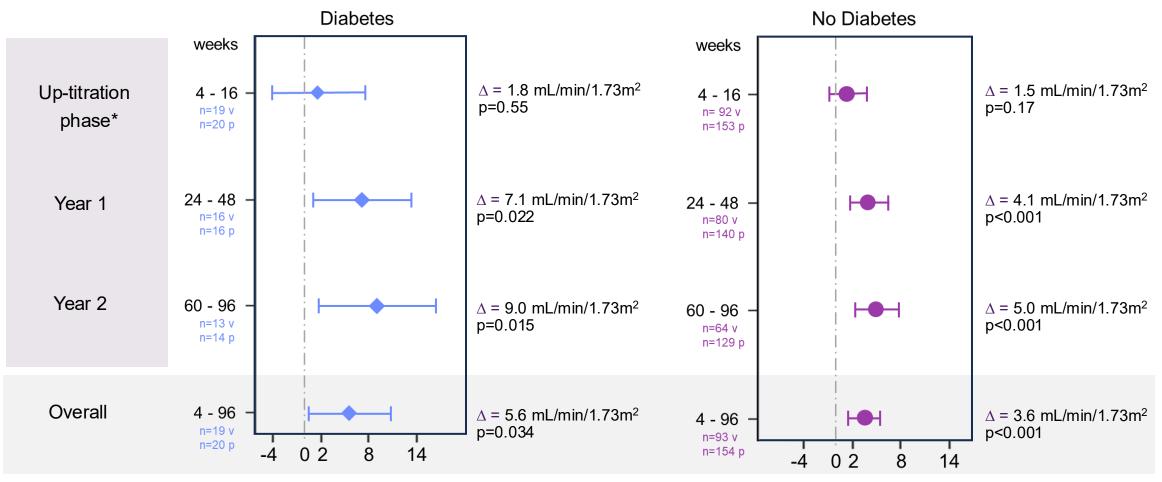
Effect size approximately 3x higher compared to SGLT2i or GLP-1 agonists





VIVIAD and VIVA-MIND: Meta-analysis confirms a robust treatment effect and a larger effect size in diabetes versus non-diabetes patients

Difference of change from baseline between varoglutamstat (v) and placebo (p) of eGFR (MDRD)

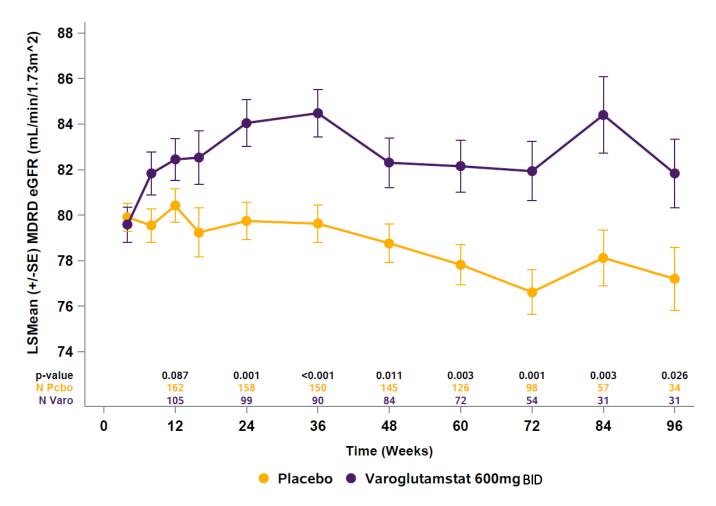


Treatment effect and 95% confidence intervals (mL/min/1.73m²)

0: No treatment effect; > 0: Improvement of eGFR (MDRD);

n: Number of patients in the varoglutamstat (v) and placebo (p) group with a least one data point in the indicated time span

Change in eGFR over time; pooled data from VIVIAD and VIVA-MIND (MMRM); **All subjects**; 600mg BID varoglutamstat

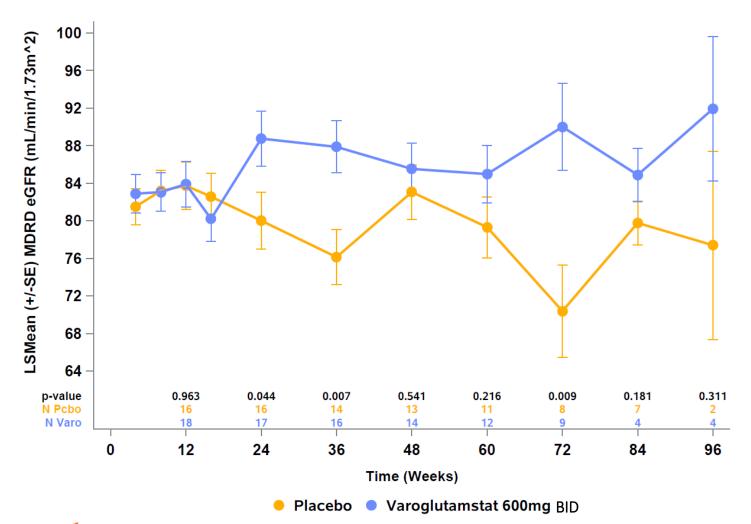


Varoglutamstat

- Clear and consistent separation after 24 weeks
- Effect stable and maintained above baseline for 2 years
- Placebo patients decline mildly



Change in eGFR over time; pooled data from VIVIAD and VIVA-MIND (MMRM); **Diabetes subgroup**; 600mg BID varoglutamstat



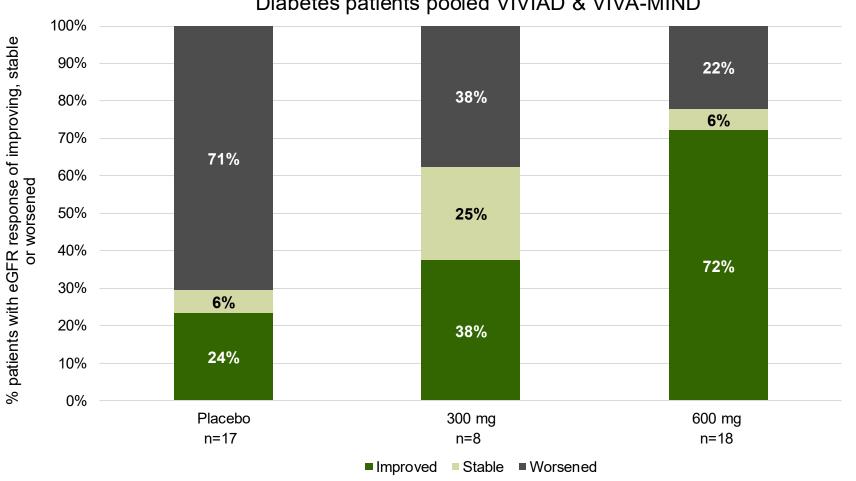
Varoglutamstat

- Clear and consistent separation after 24 weeks
- Large and stable effect maintained above baseline for 2 years
- Larger treatment effect in diabetes patients*
- Placebo patients decline as expected



Responder analysis: kidney function predominantly improved or stabilized in varoglutamstat treated patients compared to a decline in the placebo group





Classification of eGFR response

(change vs. baseline, mL/min/1.73m²)

• Improved: ≥ 2 mL above baseline

≥ 0 - < 2 mL above baseline

Worsened: < 0 mL below baseline

Response analysis (proportional odds)

300 mg vs placebo 2.91, 95% CI (0.55, 15.53), p=0.2106

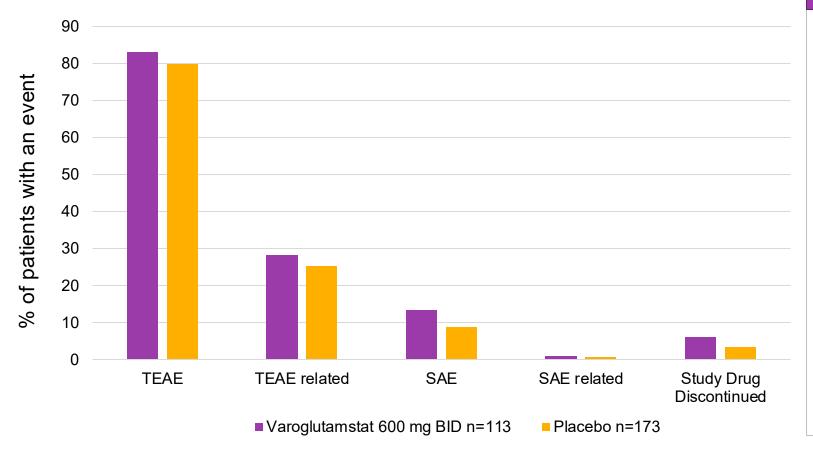
600 mg vs. placebo 9.20, 95% CI (2.14, 39.50), p=0.028



Varoglutamstat was well tolerated in VIVIAD & VIVA-MIND

Pooled safety analysis; 600mg varoglutamstat dose

All patients randomized to 600mg varoglutamstat BID and placebo



Extensive safety package (# / duration)

Pharmacology / Phase 1

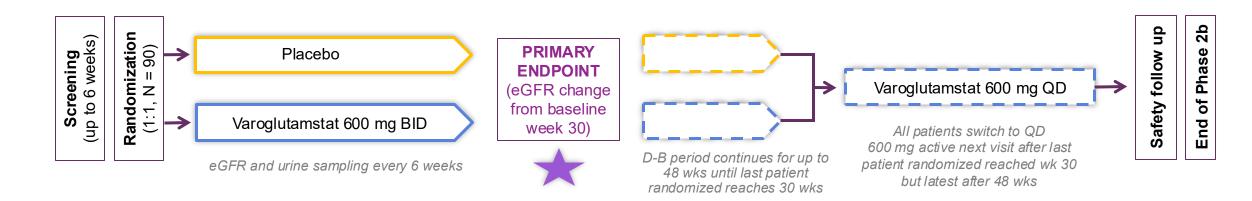
- Phase 1 study: large trial with 205 subjects
- Human ADME / mass balance study completed

Phase 2 double-blind, placebocontrolled

- Phase 2a study: 120 patients, 12 weeks
- VIVIAD Phase 2b study: 259 patients, mean treatment duration 76 weeks
- VIVA-MIND Phase 2 study: 109 patients treated, mean treatment duration 46 weeks



Robust evidence supports move into Phase 2b study: double-blind placebocontrolled study in patients with T2DM and CKD stages 3b+ on top of SoC¹



Patient characteristics

 T2DM patients with Stage 3b+ CKD; all patients on standard of care medicines (SoC)

Endpoints

- Primary: eGFR change from baseline to last visit
- Secondary: UACR (albuminuria)
- Exploratory: Inflammatory, metabolic and fibrotic biomarkers liver transaminases, liver ultrasound (fibroscan)

Stratification

- By CKD severity
- Patients with SGLT-2 versus no SGLT-2
- Patients with GLP-1 versus without GLP-1

Estimated timeline to topline readout

~9 months

All patients treated for min. 30 wks

Last patient at 30 wks

◆ ~15 months

Primary endpoint topline results

→ ~18 months

Further results and analysis & QD results



Conclusions

Vivoryon product strategy

Create value and robust evidence for QPCT/L inhibitors in improving kidney function in patients with CKD

2024

- Deliver two high quality Phase 2 studies: VIVIAD and VIVA-MIND
- Provide robust evidence of efficacy for an improvement in kidney function
- Design a dedicated Phase 2b study in patients with Stage 3b+ diabetic kidney disease

2025 and beyond

- Ensure the commercial viability of varoglutamental with novel composition of matter IP
- File additional dosing and medical use patents
- Derisk future development by showing substantial benefits on top of SGLT-2 inhibitors
- Provide a novel fast follower compound VY2149



The future of Vivoryon: Improving kidney outcomes



Strong scientific foundation

- Novel MoA
- Robust evidence of a long-term effect
- Excellent safety package
- Strong benefit on top of SoC
- QPCT/L inhibitor pipeline



Clearly defined commercial strategy

- Large population with high unmet medical need
- Unique product profile with simple oral administration
- Long IP runway expected to 2044 and beyond¹
- Attractive time to market mid stage clinical program



Securing value creation in the future

- SEPA is a part of financial strategy offering additional flexibility
- Actively pursuing additional financing / partnership opportunities
- Enhancing management capabilities and breadth

Q&A

