# A Phase 3 open-label trial-in-progress evaluating garadacimab for prophylactic treatment of pediatric patients (aged 2–11 years) with hereditary angioedema

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## CONCLUSIONS

- Recruitment was initiated in May 2023 with an estimated study completion date of November 2026



OLE study (median exposure 13.8 months): The mean monthly number of HAE attacks (secondary endpoint) was lower with garadacimab (0.16) versus run-in (3.57). Similar results were found in the adolescent subgroup where the mean monthly number of HAE attacks was lower with garadacimab (0.09) versus run-in (1.86).

\*One patient in the placebo group was excluded from the efficacy analysis as they received treatment for <30 days; <sup>+</sup>One garadacimab-related ISR leading to study discontinuation; <sup>‡</sup>One severe SAE (laryngeal attack) was assessed as not related to trial treatment: The patient made a full recovery and was kept under hospital observation overnight; SCOVID-19, n=2; abdominal HAE attack, n=1; As defined in the protocol, AESIs included severe hypersensitivity including anaphylaxis, thromboembolic, or abnormal bleeding events. None of the events met AESI criteria as per protocol.

AESI, adverse event of special interest; CI, confidence interval; HAE, hereditary angioedema; IQR, injection-site reaction; OLE, open-label extension; SAE, serious adverse event; TEAE, treatment-emergent adverse event

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# This multicenter, open-label, single arm, Phase 3 study (NCT05819775) will provide garadacimab data on safety, efficacy, and pharmacokinetics/pharmacodynamics in pediatric patients with hereditary angioedema (HAE) This study will aim to address the existing unmet need for novel prophylactic treatment in the pediatric population

## MULTICENTER, OPEN-LABEL, SINGLE-ARM, PHASE 3 STUDY (NCT05819775) WITH GARADACIMAB IN **PEDIATRIC PATIENTS WITH HAE<sup>8</sup>**

GOAL: To address existing unmet need for effective, well-tolerated, and convenient treatment options for pediatric patients with HAE

# Screening (up to 1 month)

## Inclusion criteria

- Diagnosed with HAE-C1-INH
- Aged between 2 and 11 years\*
- ≥2 attacks in last 6 months

## **Exclusion criteria**

- Concomitant diagnosis with other forms of angioedema
- Pre-planned major surgeries or procedures
- HAE treatments within minimum 2 weeks before treatment period<sup>+</sup>
- Participation in another interventional clinical study

\*With body weight ≥10th percentile based on age, at the time of providing written informed consent; <sup>+</sup>Use of C1-INH products, androgens, antifibrinolytics, approved or future approved medications, or other small molecule medications for routine prophylaxis against HAE attacks within 2 weeks of study treatment rase inhibitor; HAE, hereditary angioedema; HAE-C1-INH, hereditary angioedema with C1-inhibitor deficiency or dysfunction; SC, subcutaneous

### Primary safety and PK endpoints

## **TEAEs**

- Number and percentage of patients with TEAEs
- Number of events
- TEAE rates per injection
- TEAE rates per patient-year

### PK parameters at steady state

- Cmar
- C<sub>trough</sub>

## Target enrollment is 20 patients

### • Ten patients screened and eight patients receiving treatment

• First enrolled patient has been in the study for 1 year

C<sub>max</sub>, maximum concentration; C<sub>trough</sub>, trough concentration at steady state; PK, pharmacokinetics; TEAE, treatment-emergent adverse event; T<sub>max</sub>, time to reach C<sub>max</sub> in plasma.

### **Conflicts of interest:**

A. Zanichelli has received honoraria as a speaker/advisor from BioCryst, BioMarin, CSL Behring, KalVista, Pharming, Pharvaris, and Takeda/Shire. References

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## Secondary efficacy endpoints

- Time-normalized number of attacks
- Time-normalized number of attacks requiring on-demand treatment
- Time-normalized number of moderate and/or severe attacks
- Percentage reduction in the time-normalized number of attacks

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### Recruitment is planned across global sites



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