



VERIFY: A PHASE 3 STUDY OF THE HEPCIDIN MIMETIC RUSFERTIDE (PTG-300) IN PATIENTS WITH POLYCYTHEMIA VERA

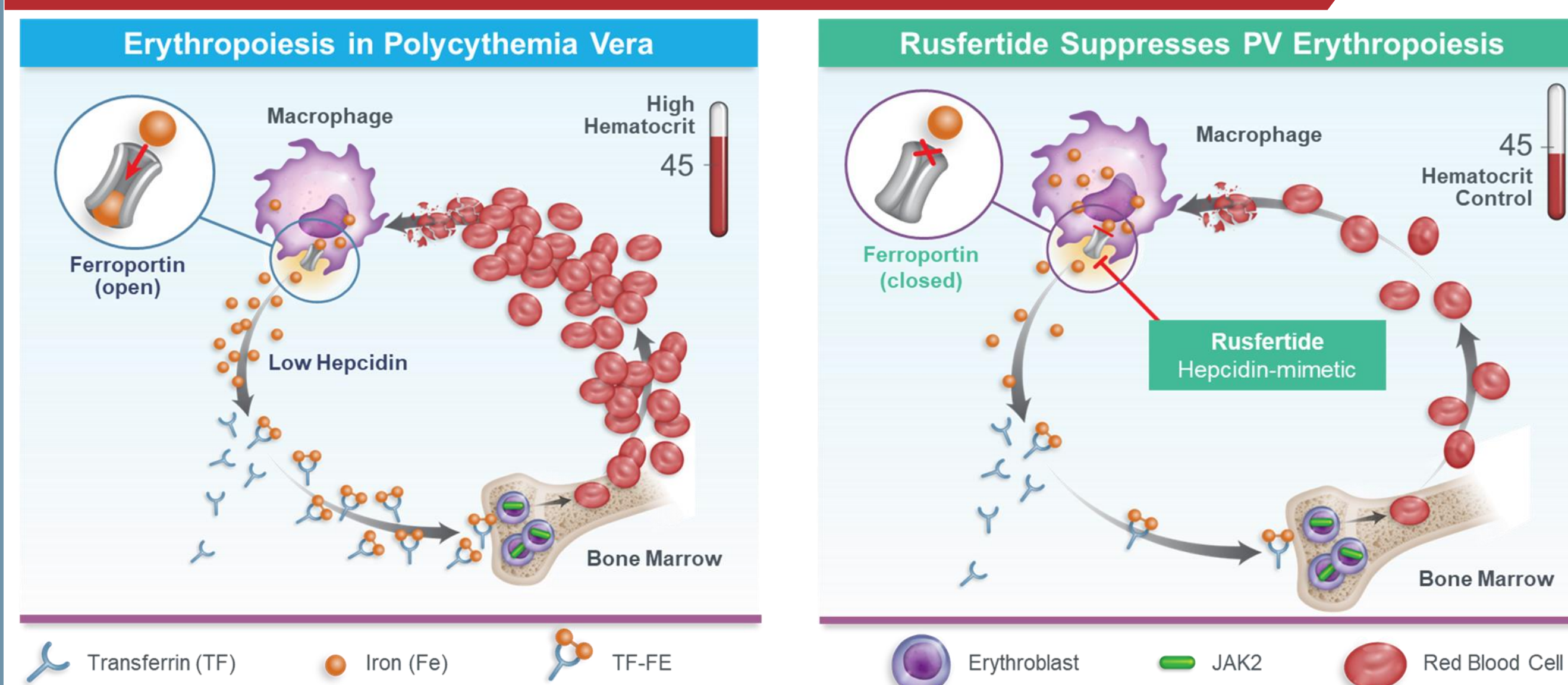
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BACKGROUND AND RATIONALE

- Polycythemia Vera (PV) is characterized by increased red blood cell production
- PV patients likely spend significant time with hematocrit (HCT) > 45% thereby increasing their risk of thrombosis.
- PV patients are treated with periodic therapeutic phlebotomy (TP) to maintain hematocrit levels < 45% to reduce the incidence of thrombotic events.
- Symptomatic iron deficiency represents a challenge in PV as it is commonly present at diagnosis and worsens after repeated and/or frequent TP.
- Rusfertide, a hepcidin mimetic, presents an alternate mechanism of action to limit erythrocytosis, maintaining HCT <45%, essentially eliminating phlebotomies and reducing PV-related symptom burden

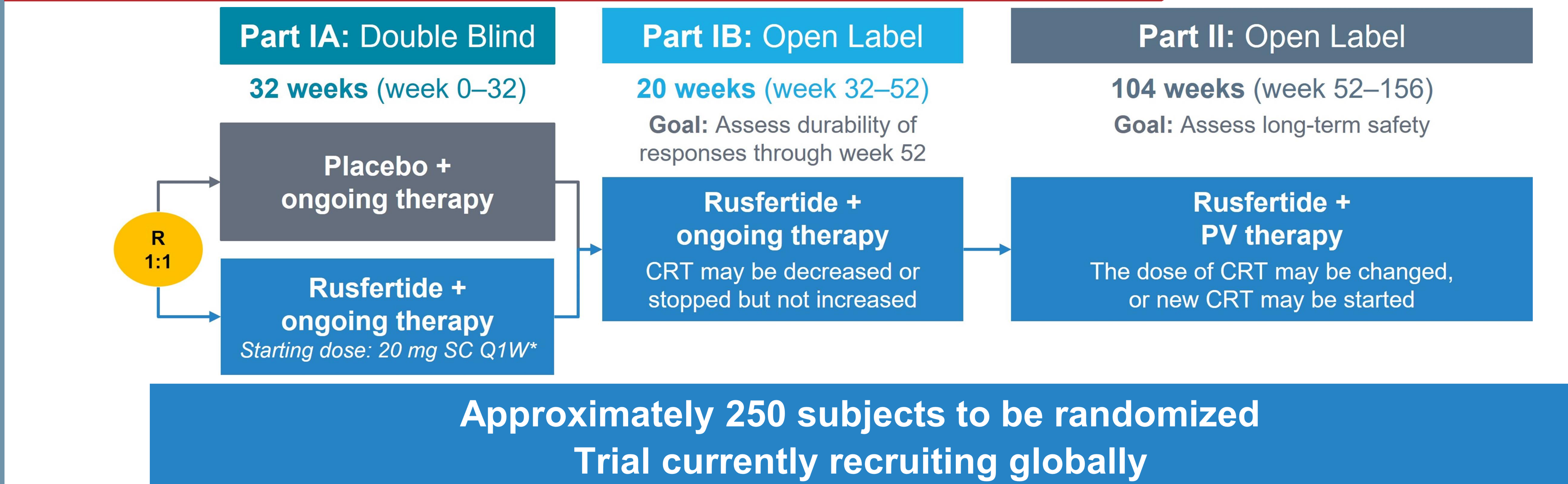
RUSFERTIDE MECHANISM OF ACTION



RUSFERTIDE DATA IN PHASE 2 PV STUDIES

- Two ongoing Phase 2 studies in PV subjects suggest that rusfertide could be an effective agent for treatment of PV, reversing iron deficiency and eliminating the need for TP in PV patients.
- Elimination of TP requirements for 6-8 months in TP-dependent PV subjects is significant. The effect of PTG-300 on PV-related symptoms is also being evaluated.
- Rusfertide maintains HCT < 45% and essentially eliminates TP in both low and high-risk PV patients.
- Rusfertide induction therapy with twice weekly dosing was also effective in rapidly achieving target hematocrit below 45% in PV patients with elevated hematocrit.

TRIAL DESIGN



OBJECTIVES

Primary Objective:

To evaluate the safety and efficacy of rusfertide in subjects with polycythemia vera in maintaining hematocrit control.

PRIMARY AND KEY SECONDARY OBJECTIVES

Primary Efficacy Endpoint:

Proportion of subjects achieving a response starting at Week 20 through Week 32 (inclusive) who receive rusfertide compared to placebo. Response is defined as absence of phlebotomy eligibility.

Phlebotomy eligibility is defined as **either** a confirmed hematocrit $\geq 45\%$ and that is at least 3% higher than the baseline hematocrit (value immediately prior to randomization at Week 0); confirmation required within 1 to 7 days, **or** a hematocrit $\geq 48\%$.

Key Secondary Efficacy Endpoints: Rusfertide vs Placebo

- Mean number of phlebotomies between Weeks 0 to 32 (inclusive)
- Proportion of subjects with all hematocrit values <45% between Weeks 0 and 32 (inclusive)
- Mean change from baseline in total fatigue score based on PROMIS Short Form 8a at Week 32
- Mean change from baseline in total score based on MFSAF v4.0 at Week 32

KEY ELIGIBILITY CRITERIA

Inclusion Criteria:

- Age ≥ 18 years
- Meet revised 2016 World Health Organization (WHO) criteria for the diagnosis of polycythemia vera.
- Phlebotomy requiring defined as: (a) ≥ 3 phlebotomies due to inadequate hematocrit control in 6 months before randomization or at least 5 phlebotomies due to inadequate hematocrit control in 1 year before randomization, **and** (b) last phlebotomy due to inadequate hematocrit control within 3 months before randomization, **and** (c) no phlebotomy within 6 days prior to randomization
- Subjects may on stable regimen with Phlebotomy alone or in combination with cytoreductive agents (Hydroxyurea, Interferon and Ruxolitinib).

Exclusion Criteria:

- Subjects requiring phlebotomy at hematocrit levels lower than 45%
- History of invasive malignancies within the last 5 years, except localized cured prostate cancer and cervical cancer
- Subjects with non-invasive non-melanomatous skin cancer during screening unless adequately treated before randomization