

Mrinal M. Patnaik¹, Haris Ali², Abdulraheem Yacoub³, Vikas Gupta⁴, Sangmin Lee⁵, Eunice Wang⁶, Gary Schiller⁷, Megan Sardone⁸, Halyna Wysowskyj⁸, Shay Shemesh⁸, Janice Chen⁸, Chris Brooks⁸, Enrique Poradosu⁸, Peter McDonald⁸, Nicole Rupprecht⁸, Animesh Pardanani¹, Ayalew Tefferi¹, Minakshi Taparua⁹, Moshe Talpaz¹⁰, Srdan Verstovsek¹¹, Joseph Khoury¹¹, Naveen Pemmaraju¹¹

Introduction and Highlights

- Patient enrollment is ongoing
- **Given the encouraging data from this trial and the unmet medical need in patients with CMML, a pivotal program is being constructed**

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Table 3. Proposed criteria for measurement of disease progression in adult MDS/MPN	
Combination of 2 major criteria, 1 major and 2 minor criteria, or 3 minor criteria over 12 months	
Major criteria	
Increase in blast count	
<ul style="list-style-type: none"> >10% blasts >10% increase and > 10% blasts >10% blasts >10% increase and > 10% blasts >10% blasts >10% increase and > 10% blasts 	
Evidence of cytogenetic evolution	
<ul style="list-style-type: none"> Appearance of previously absent <i>in vivo</i> cytogenetic abnormality in complete cytogenetic remission on FISH or classic karyotyping Increase in cytogenetic burden of disease to >10% or partial cytogenetic remission on FISH or classic karyotyping 	
Less internationally disease	
Worsening splenomegaly	
<ul style="list-style-type: none"> Progression of splenomegaly as defined by WHO/IST: the appearance of a previously absent splenomegaly that is > 10 cm below the left costal margin or an increase in spleen size in a patient already with splenomegaly of > 10 cm or > 10 cm increase in palpable distance for spleen splenomegaly 	
<ul style="list-style-type: none"> > 10 cm 	
<ul style="list-style-type: none"> Progression of disease outside the spleen 	
<ul style="list-style-type: none"> To include new/worsening haematologic, granulocytic, stromal, skin, lesions, etc. 	
Minor criteria	
Transfusion dependence	
<ul style="list-style-type: none"> Significant loss of transfusion response in cytopenias > 50% decrement from maximum transfusion requirements in granulocytosis or platelets 	
<ul style="list-style-type: none"> Reduction in Hgb by 1 g/dL from two responses or 40% decrease from nadir to nadir of complete blood count 	
<ul style="list-style-type: none"> Increasing symptoms as noted by increase in < 10% as per the MPN-SAF TSS 	
<ul style="list-style-type: none"> Loss of clinical remission > 10% 	

* There were 3 cases of capillary leak syndrome, all grade 2

- In this Phase 1/2 trial, tagraxofusp was clinically active, with a predictable and manageable safety profile in patients with relapsed/refractory CMML – in particular, in patients with baseline splenomegaly (historically associated with advanced disease, morbidity, and poor prognosis)
 - 3 bone marrow CRs
 - 1 patient bridged to stem cell transplant (SCT)
 - 100% (12/12) of evaluable patients had a reduction in baseline splenomegaly
 - 67% (8/12) had reduction by $\geq 50\%$
 - 50% (4/8) with baseline spleen size $\geq 5\text{cm}$ had reduction by $\geq 50\%$
- Most common TRAEs include hypoalbuminemia (35%), thrombocytopenia (30%), nausea (26%) and vomiting (26%). Most common TRAEs, grade 3+, include thrombocytopenia (30%) and nausea (4%)
- Next steps include a pivotal program in patients with CMML

Disclosures: *Sardone*: Stemline - employment, equity ownership; *Wysowsky*: Stemline - employment, equity ownership; *Shemesh*: Stemline - employment, equity ownership; *Chen*: Stemline - employment, equity ownership; *Brooks*: Stemline - employment, equity ownership; *Porados*: Stemline - employment, equity ownership; *McDonald*: Stemline - employment, equity ownership; *Rupprecht*: Stemline - employment, equity ownership; *Khoury*: Stemline - research funding; *Pemmaraju*: Stemline - research funding; *Schiller*: Stemline - research funding; *Patnaik*: Stemline - research funding