

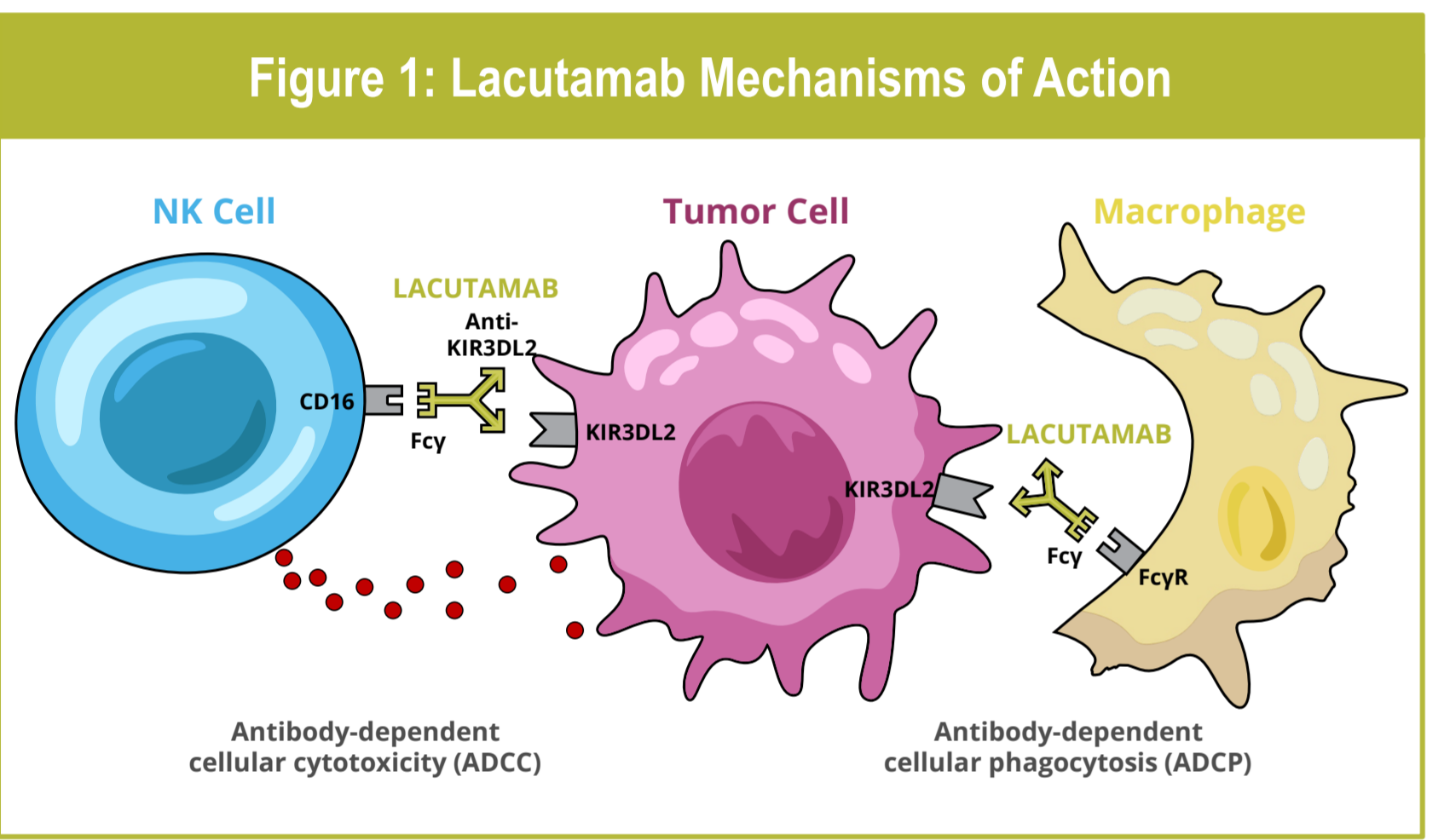
Lacutamab in Patients with Relapsed and/or Refractory Sézary Syndrome: Translational Analysis from the TELLOMAK Phase 2 Trial

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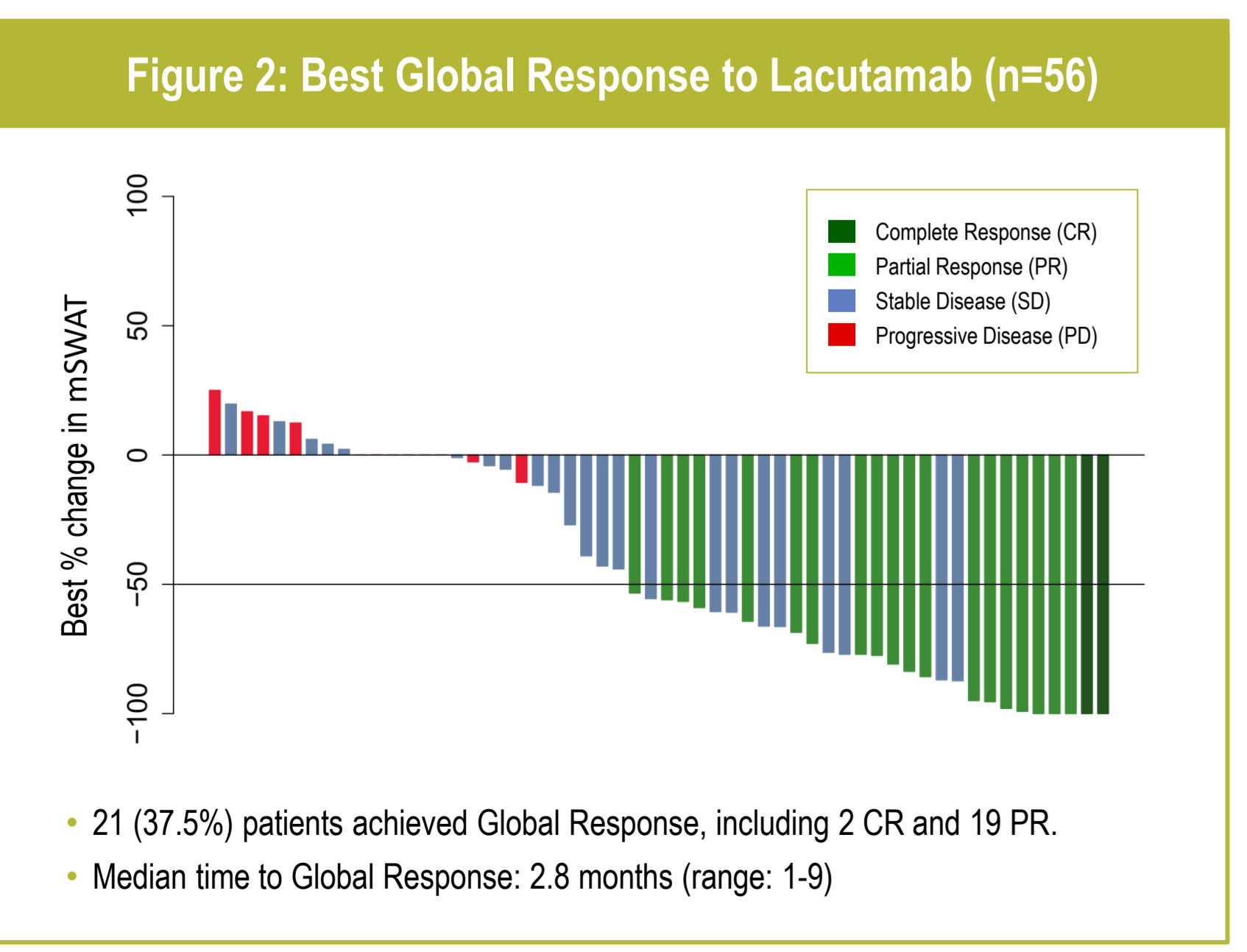
Introduction

Cutaneous T-cell lymphoma (CTCL) is a form of non-Hodgkin lymphoma, which includes Sézary Syndrome (SS), a rare, aggressive and advanced type of CTCL characterized by erythroderma, significant blood involvement, and lymphadenopathy. SS is associated with poor prognosis with a median patient survival of approximately 5 years. KIR3DL2 is expressed on circulating tumor cells (CTCs) of all SS patients and in the skin of more than 85% of SS patients. Lacutamab is a first-in-class monoclonal antibody designed to deplete KIR3DL2-expressing cells via antibody-dependent cell-cytotoxicity (ADCC) and phagocytosis (ADCP).

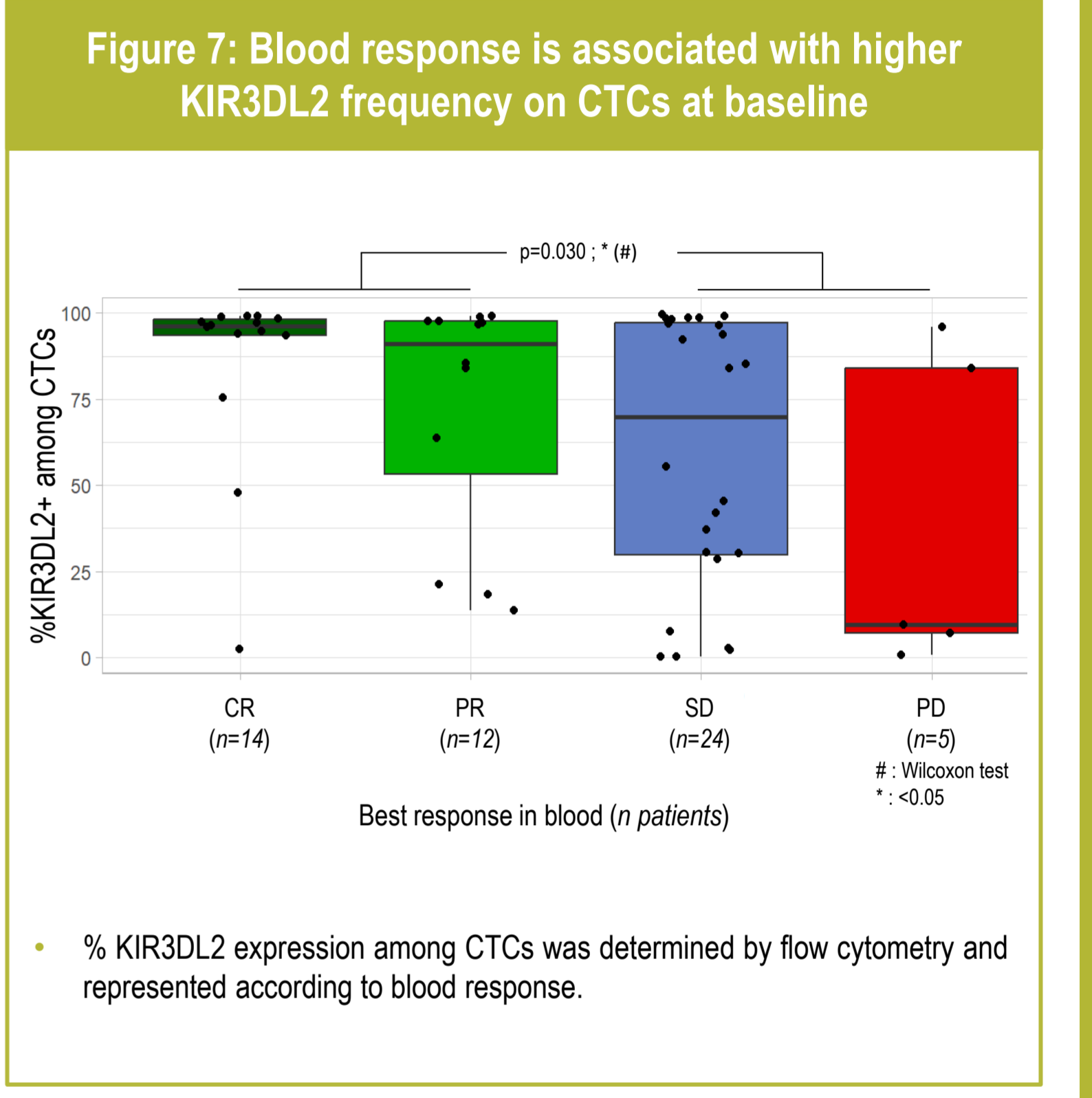
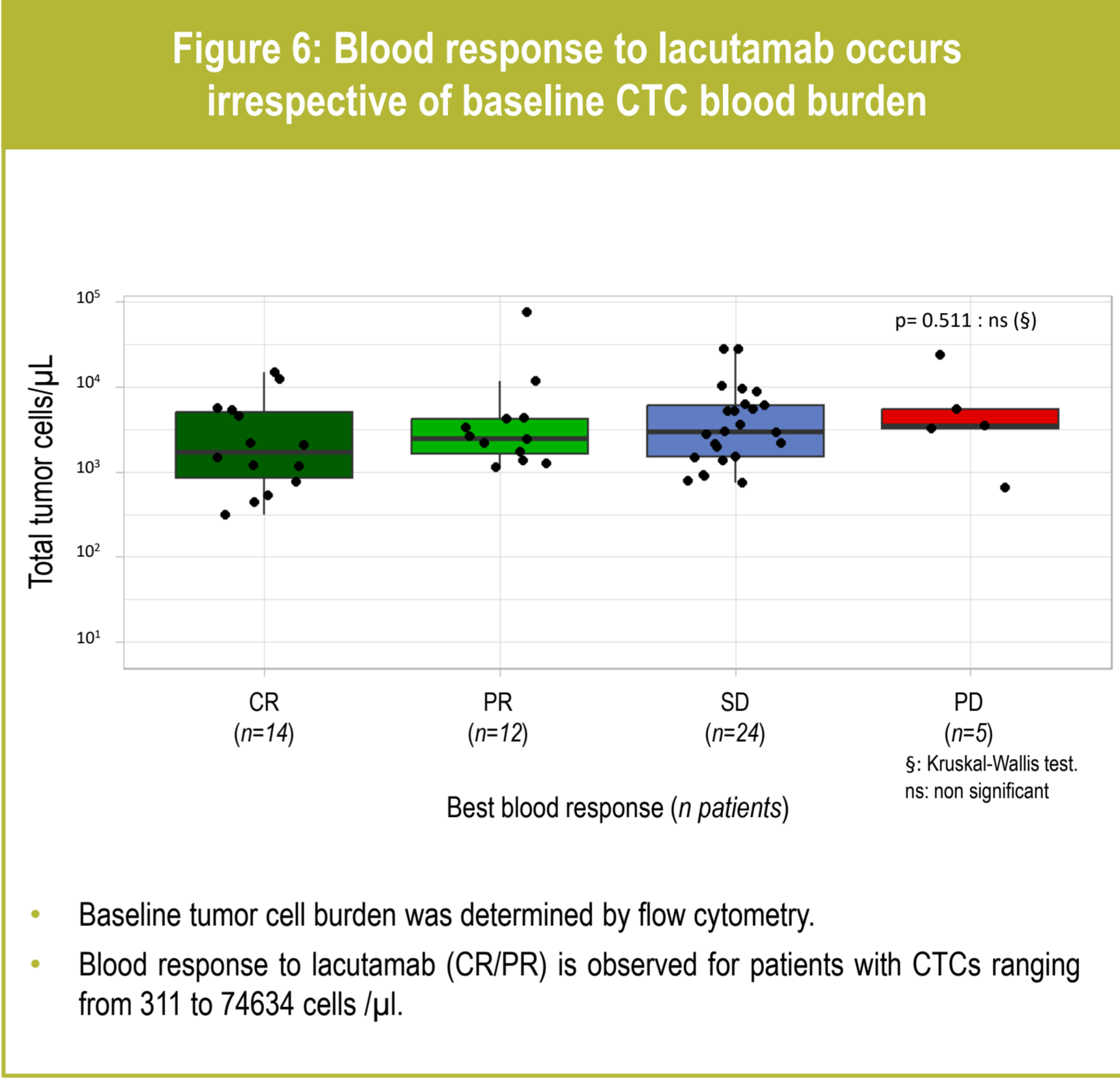
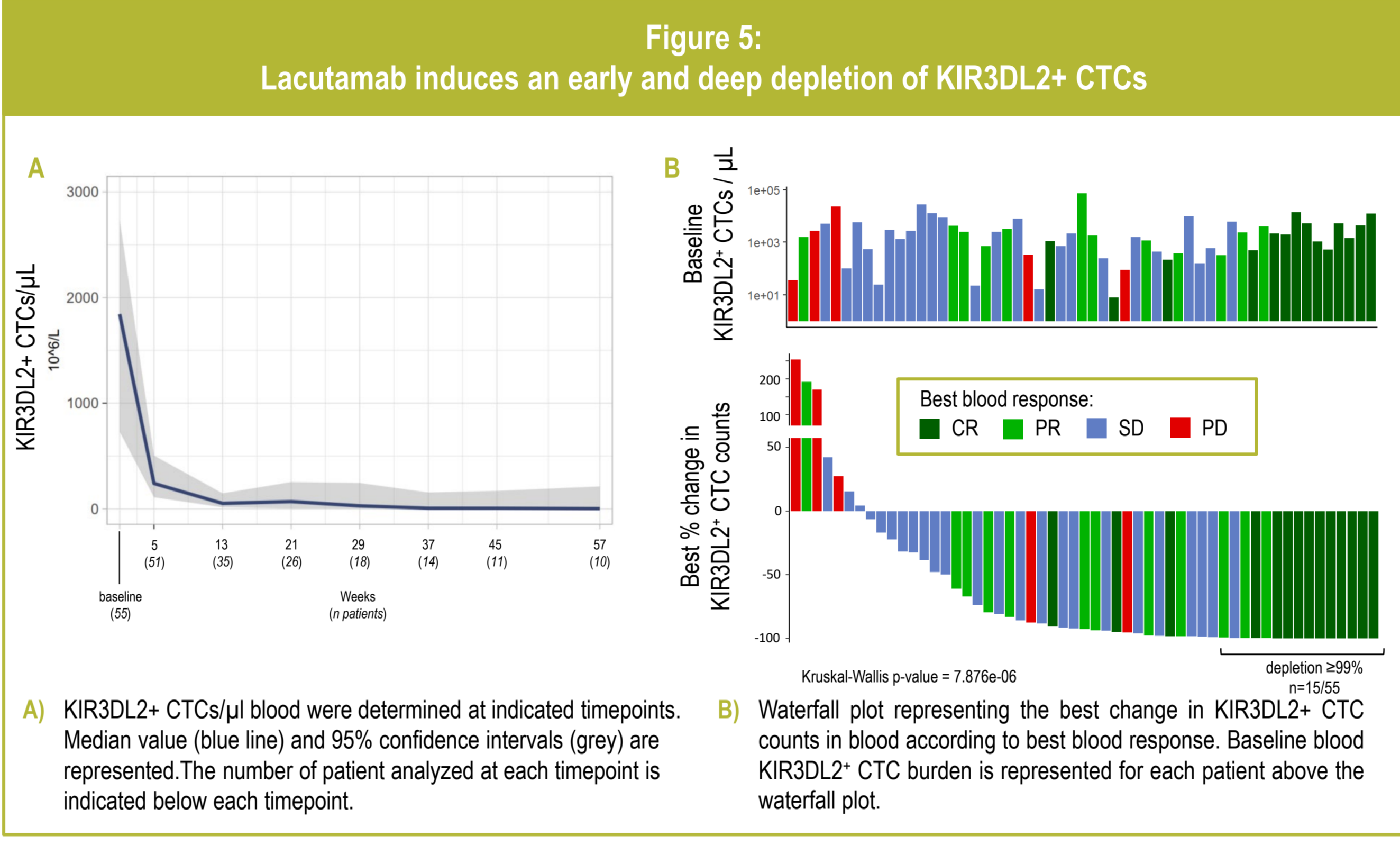
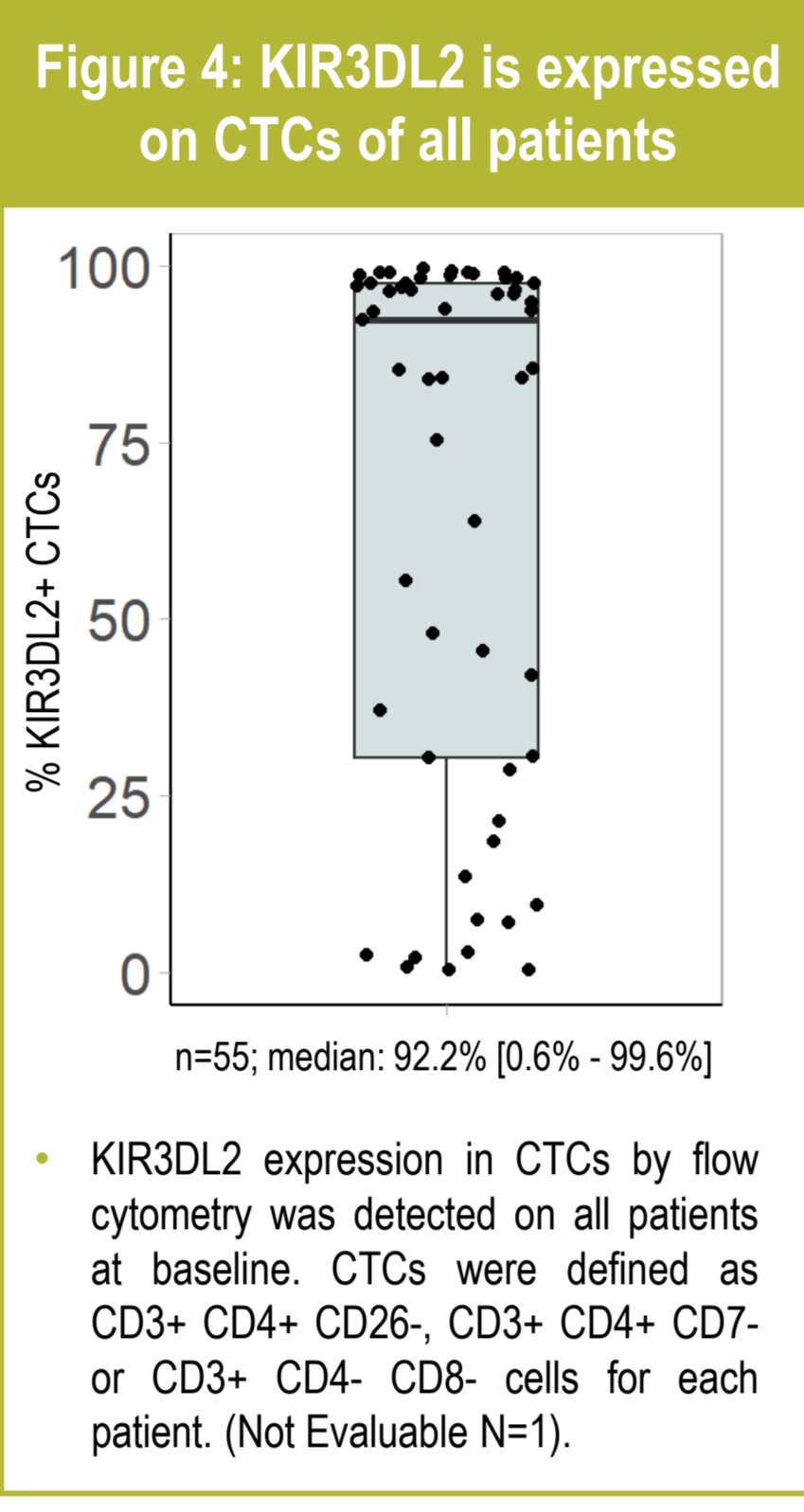
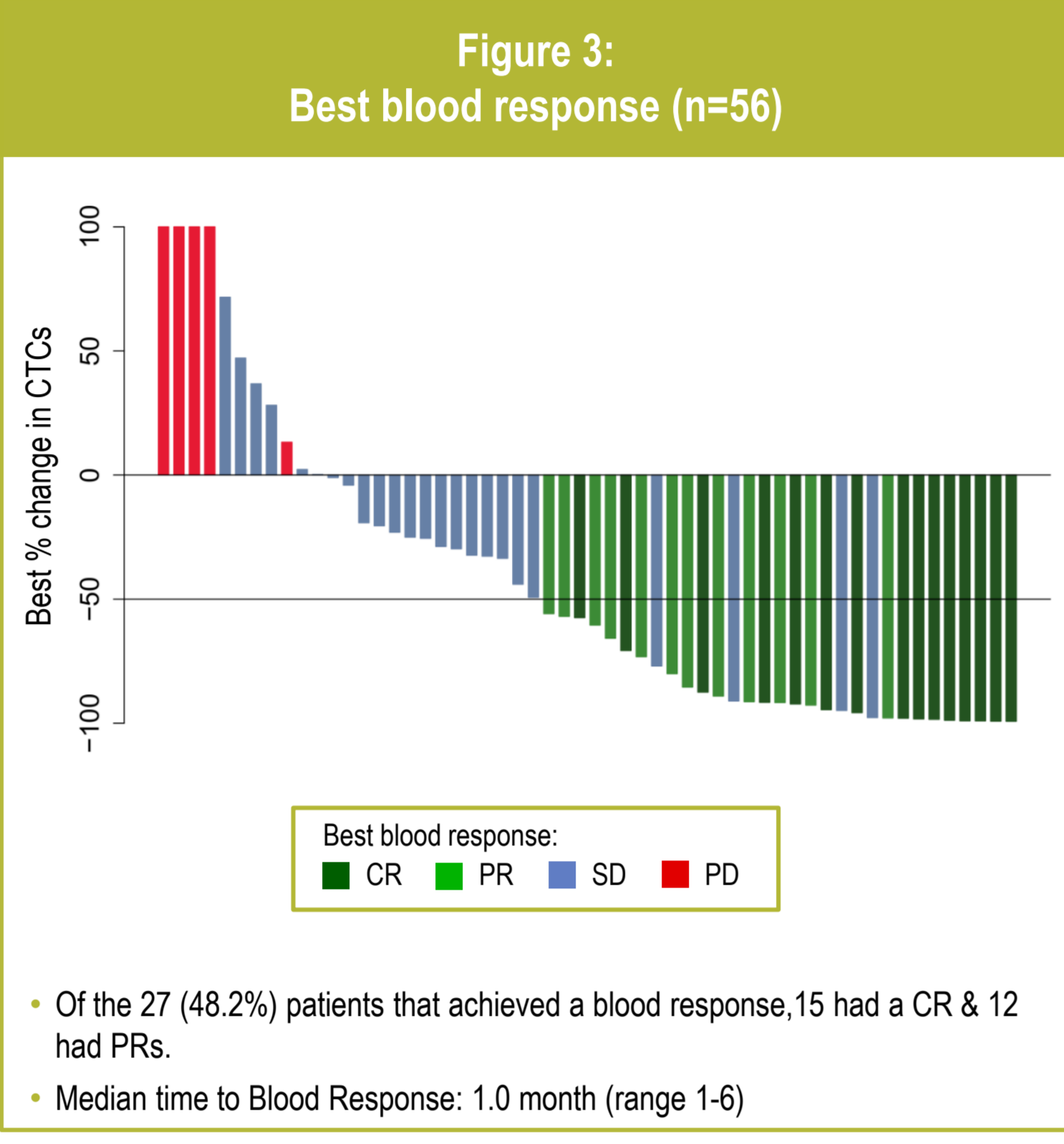


TELOMAK is an international, open-label, multi-cohort Phase 2 trial investigating the safety and efficacy of single agent lacutamab in patients with relapsed/refractory (R/R) CTCL (NCT03902184). The SS patient cohort is characterized by advanced (IVA, IVB), highly refractory disease where patients received ≥2 prior systemic therapies including mogamulizumab. Lacutamab showed robust activity with a global ORR of 37.5% [95% CI: 26.0-50.6; Figure 2], with a blood ORR of 48.2% [35.7-61.0; Figure 3] and a skin ORR of 46.4% [34.0-59.3; Figure 8] (Porcu, ASH 2023).

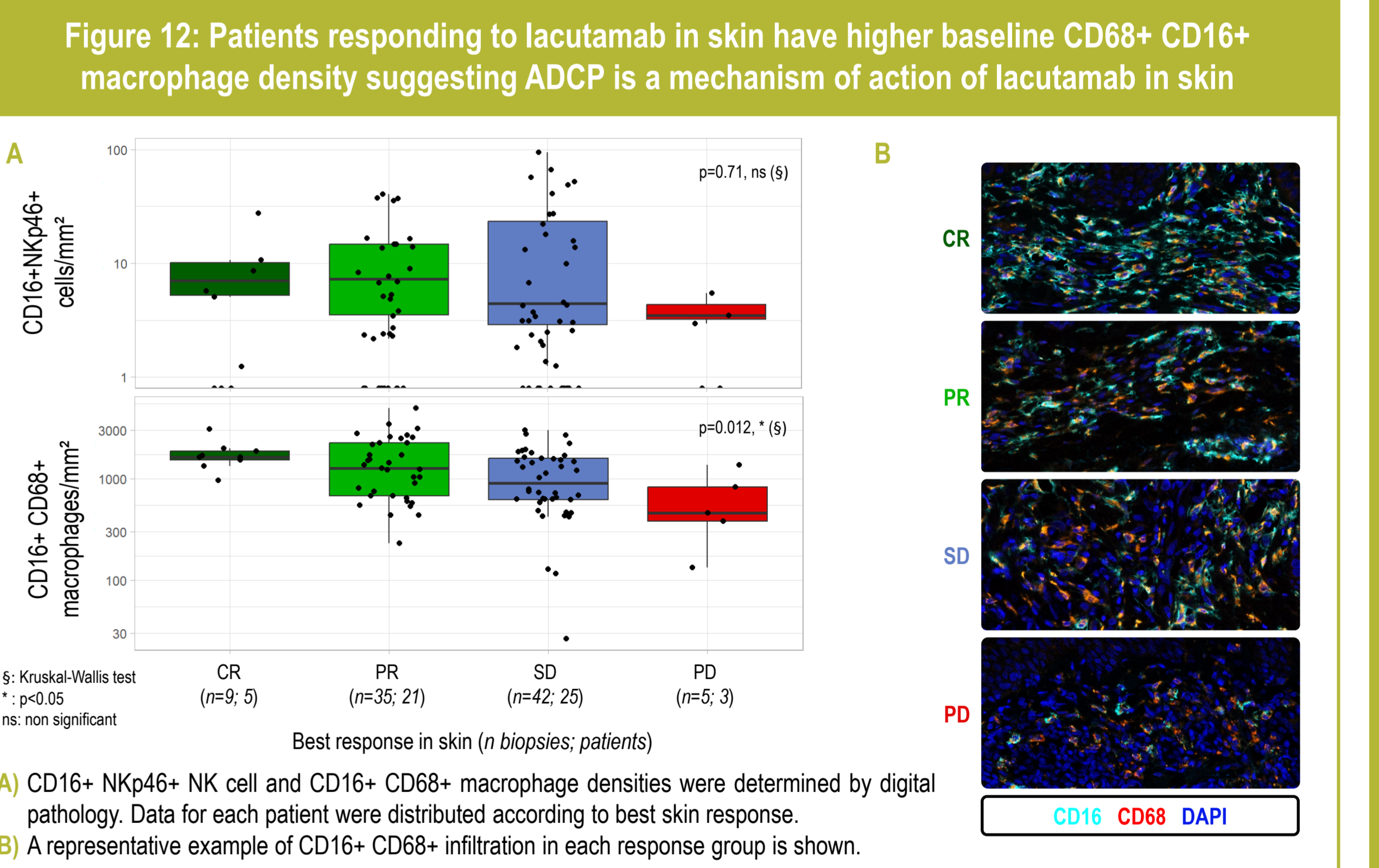
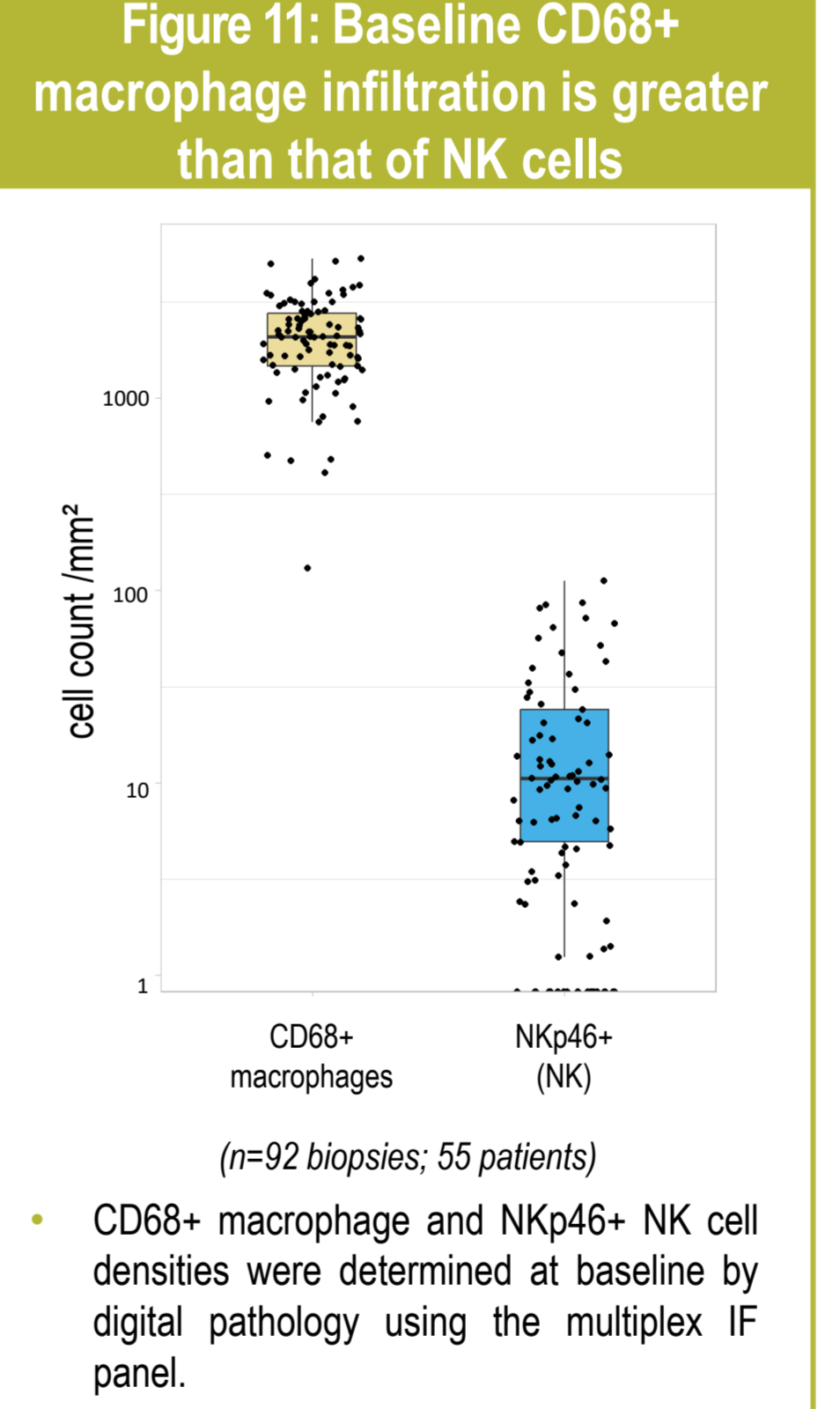
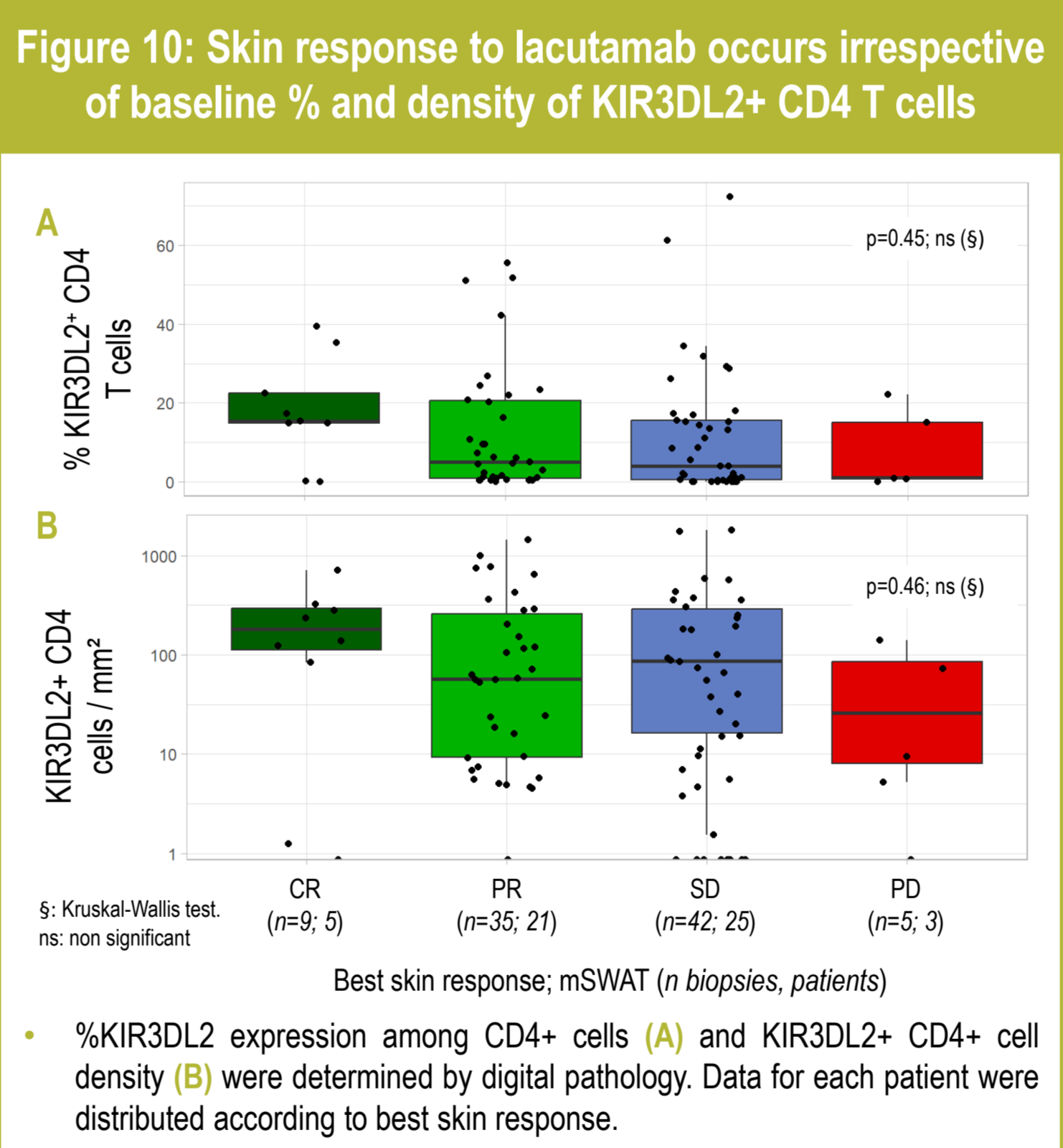
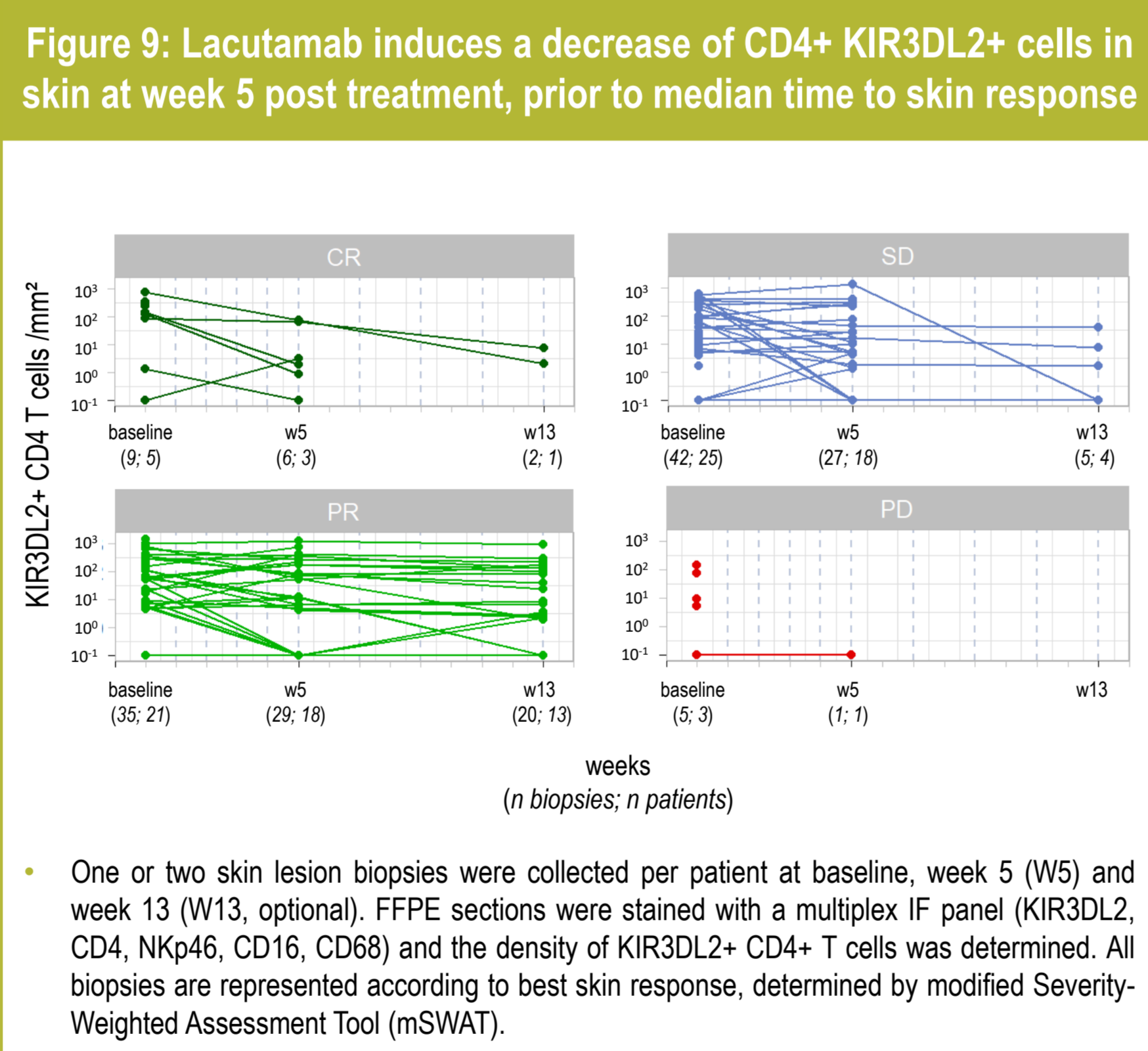
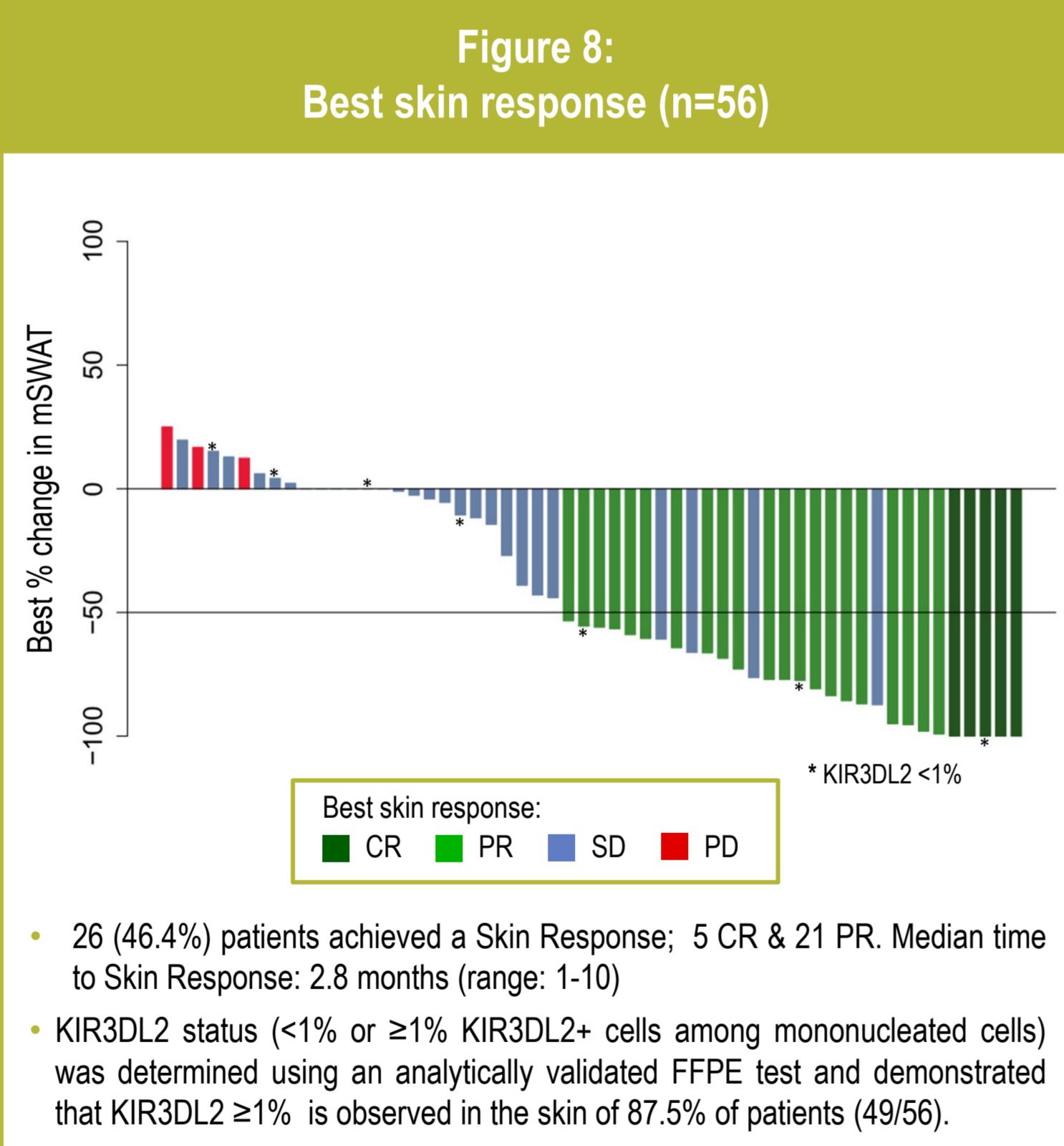
Here we report the results of translational analysis of this SS patient cohort exploring the association between blood and skin biomarkers and clinical outcomes. At the Data Cut-Off, May 1st 2023, 56 patients were enrolled, treated and evaluated.



Translational Data in Blood



Translational Data in Skin



Conclusions

Lacutamab monotherapy shows robust clinical activity with a favorable safety profile in a R/R SS population previously treated with 2 or more prior systemic therapies including mogamulizumab (Porcu, ASH 2023). The exploratory translational analyses from this cohort of n=56 SS patients indicate that:

- Lacutamab induces early and deep depletion of KIR3DL2-expressing CTCs, irrespective of the baseline blood tumor burden
- Lacutamab induces depletion of skin KIR3DL2+ CD4+ cells regardless of their density, which occurs prior to median time to skin response
- In the skin, CD68+ macrophage infiltration is largely higher than NK cell infiltration
- Association between CD16+ CD68+ macrophage densities with response to lacutamab suggest ADCP is involved in the mechanism of action of lacutamab in skin

These data confirm at a translational level the activity of lacutamab, and its potential as a compelling future treatment option for SS patients with high unmet medical need.

Acknowledgments

• Patients and families that participated in this trial;
• Clinical study teams who made this trial possible, including the translational team who generated translational data.

