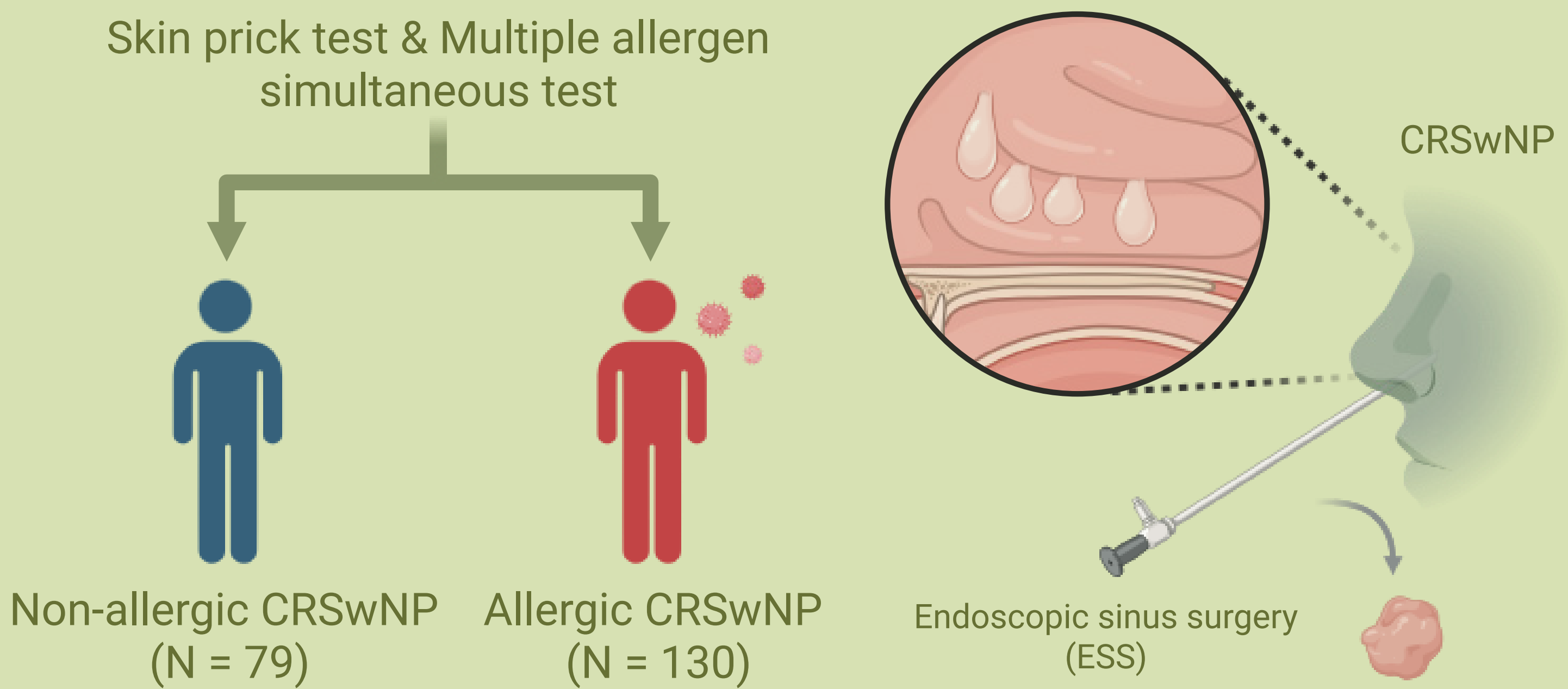


Distinct inflammatory features and nasal TH2 cell profiles in allergic patients with chronic rhinosinusitis

Study design

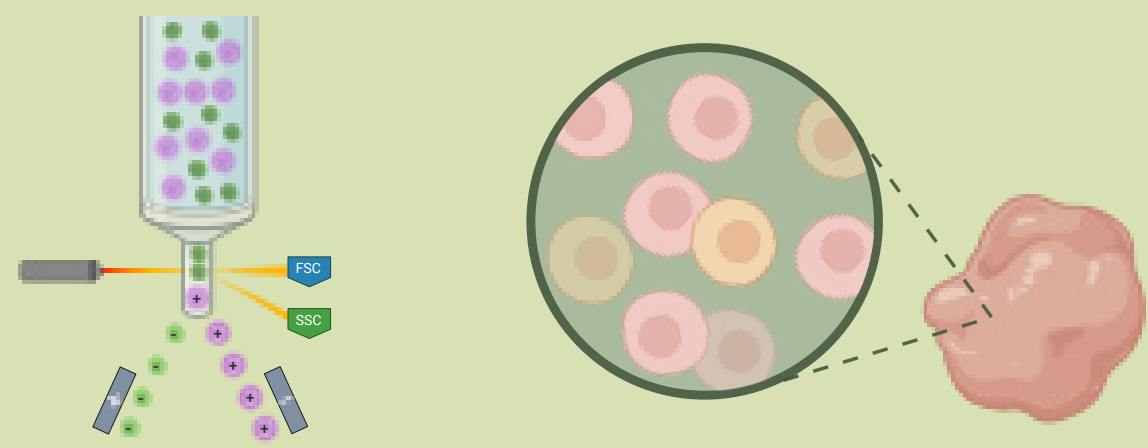


Methods

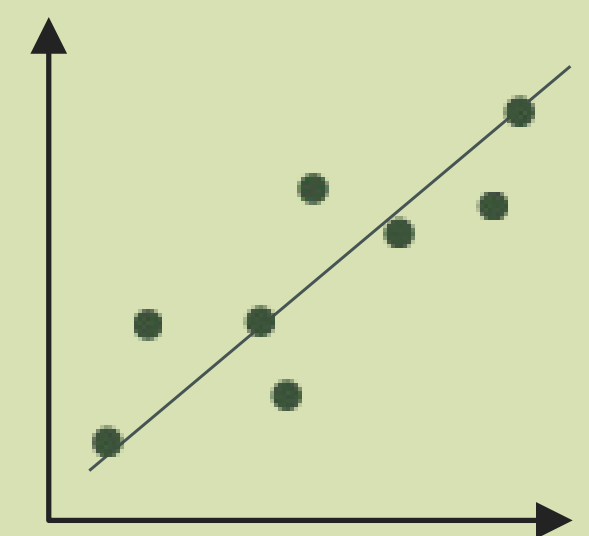


Demographic data (Age, Sex, BMI, etc.)
Clinical characteristics (SNOT-22 score, JESREC score, Lund-Mackay CT score, Olfactory/Gustatory function test, etc.)

Flow cytometric analysis of nasal TH2 & TH2A cells



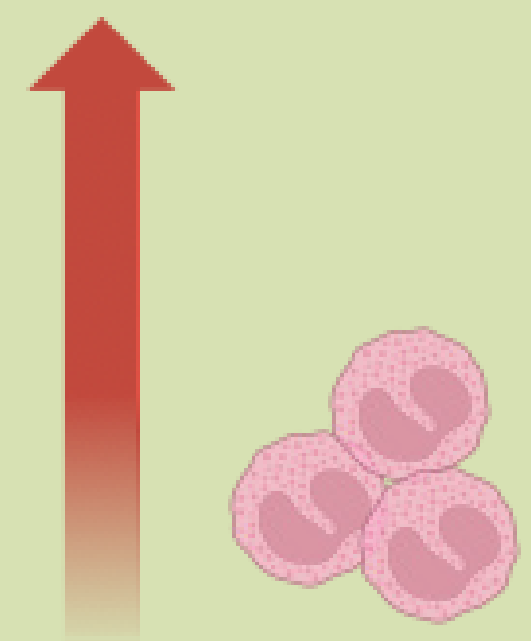
Statistical analyses



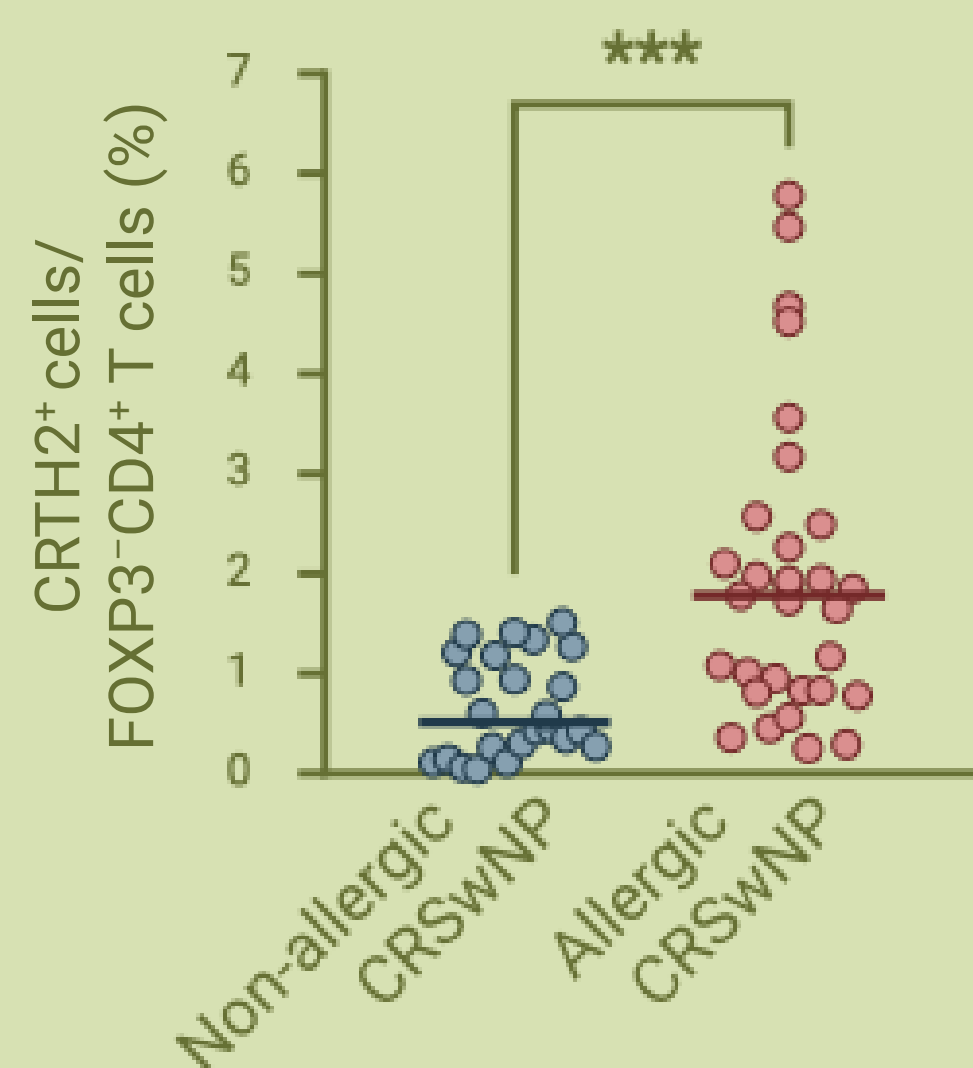
Results

Allergic CRSwNP patients

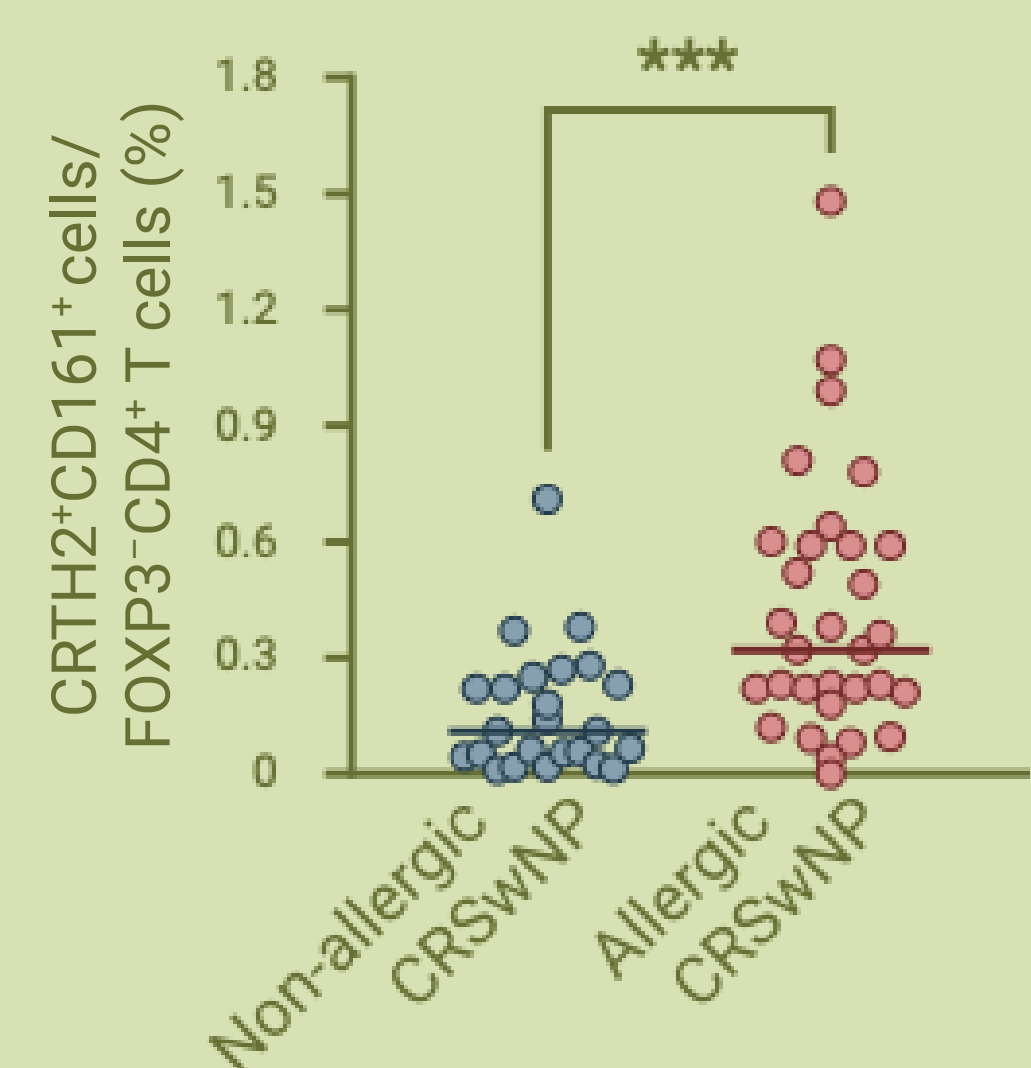
- SNOT-22 score
- JESREC score/ECRS subtype
- Blood eosinophil percentage/counts
- Tissue eosinophil counts
- Eosinophilic histologic subtype



Nasal TH2 cells



Nasal TH2A cells



Conclusion

Allergic CRSwNP is linked to increased eosinophilic inflammation and enrichment of nasal TH2A cells.