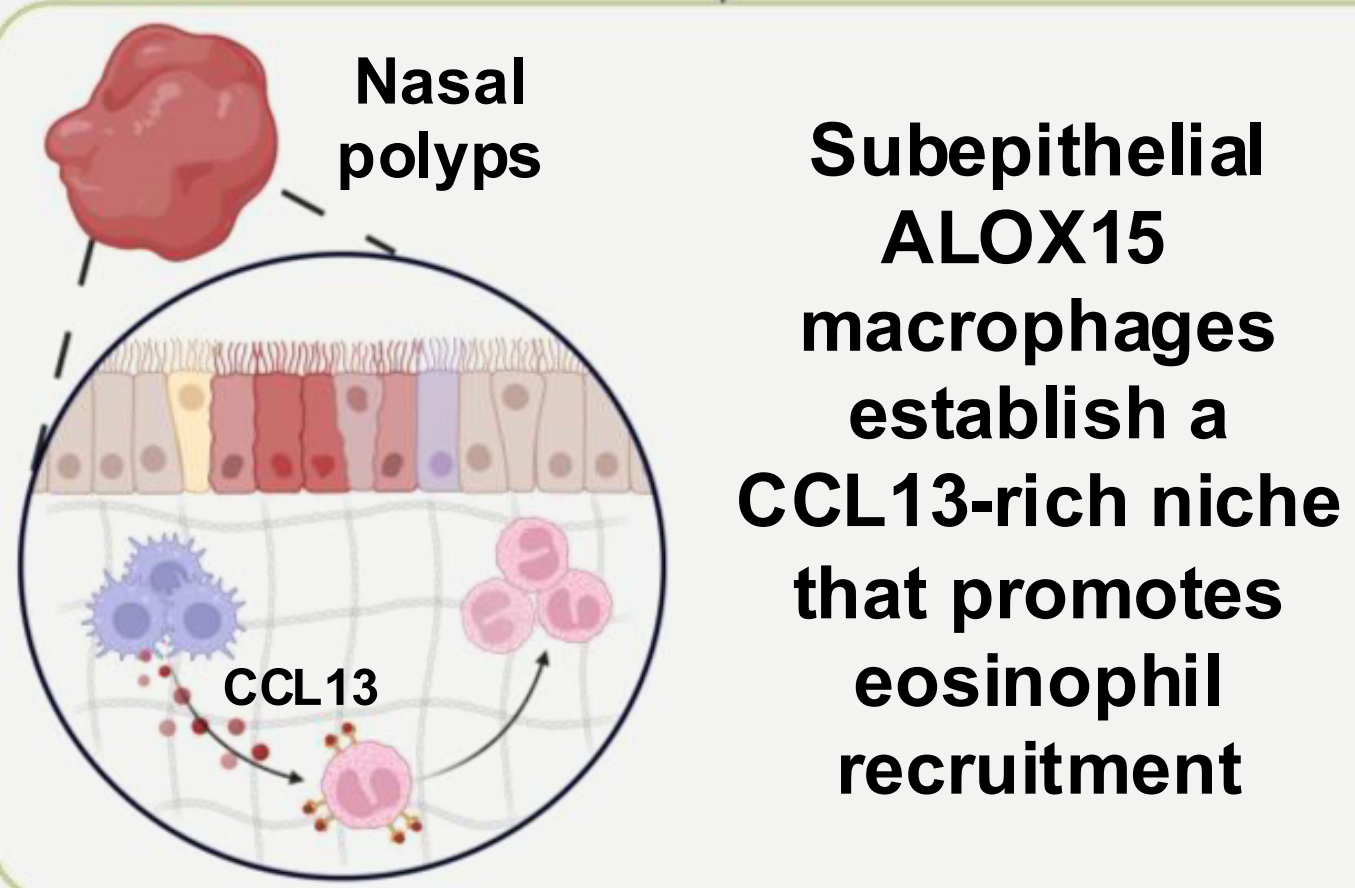
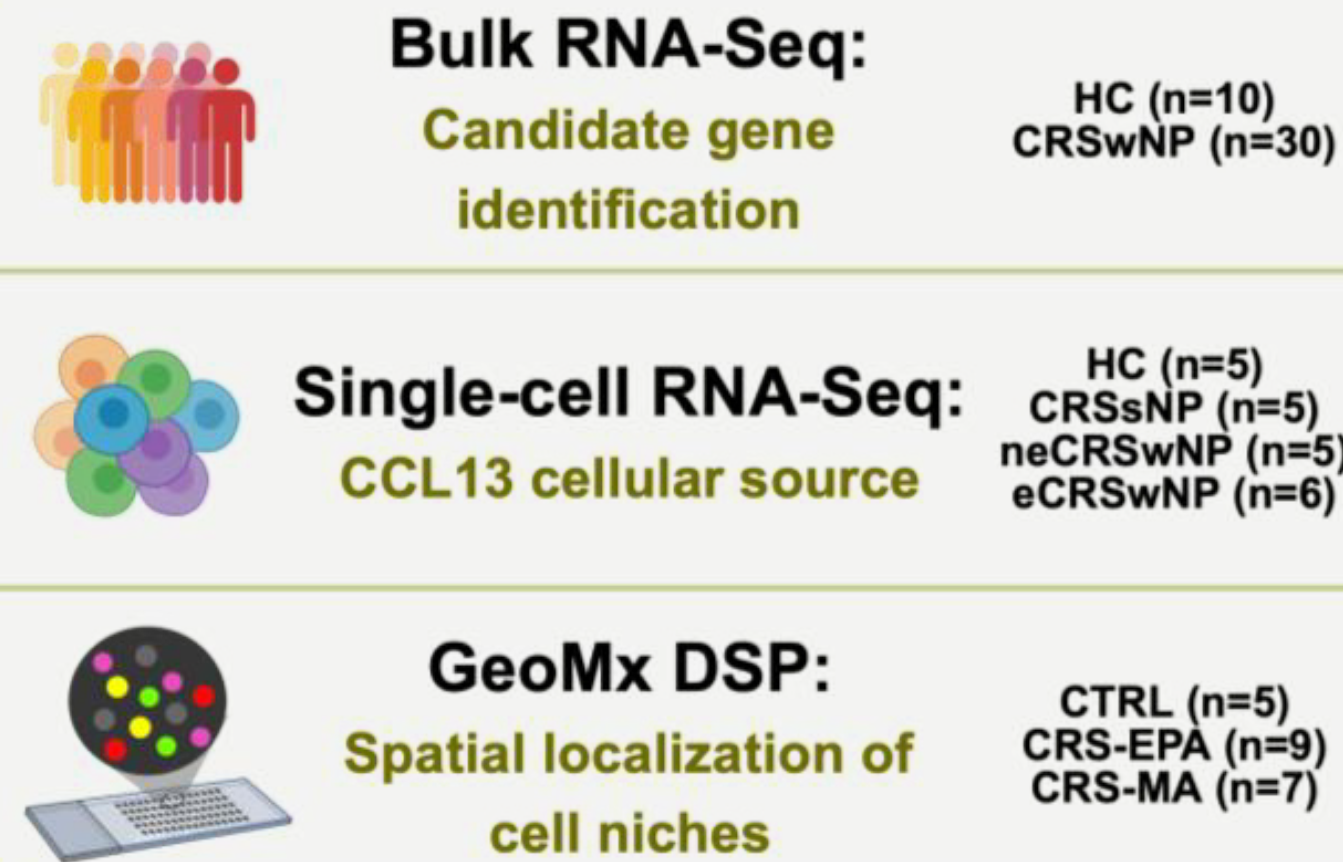
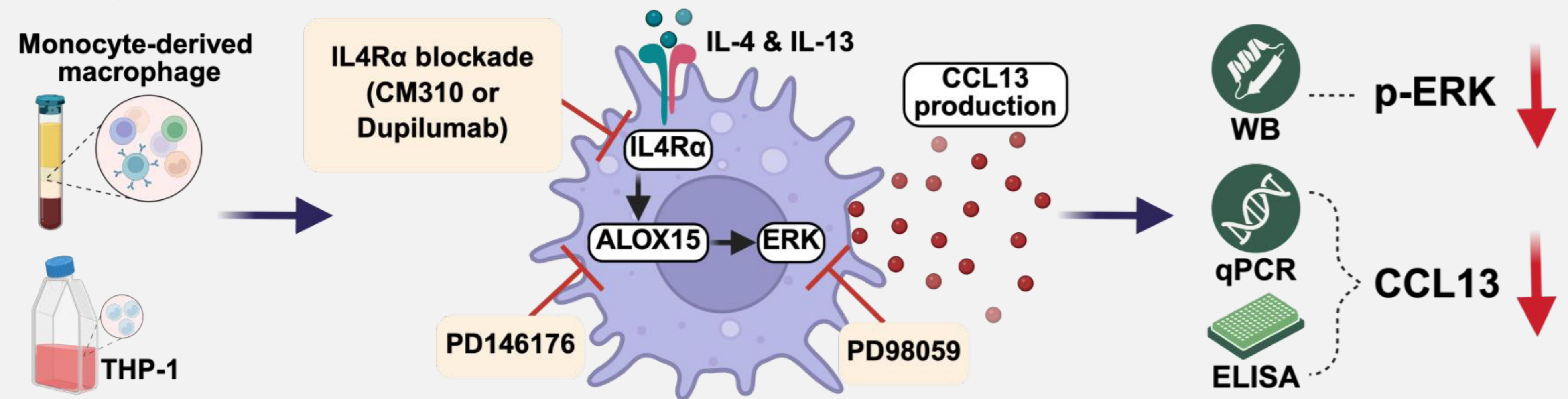


Subepithelial ALOX15⁺ macrophage niches orchestrate eosinophil recruitment in chronic rhinosinusitis with nasal polyps via the ALOX15-ERK-CCL13 axis

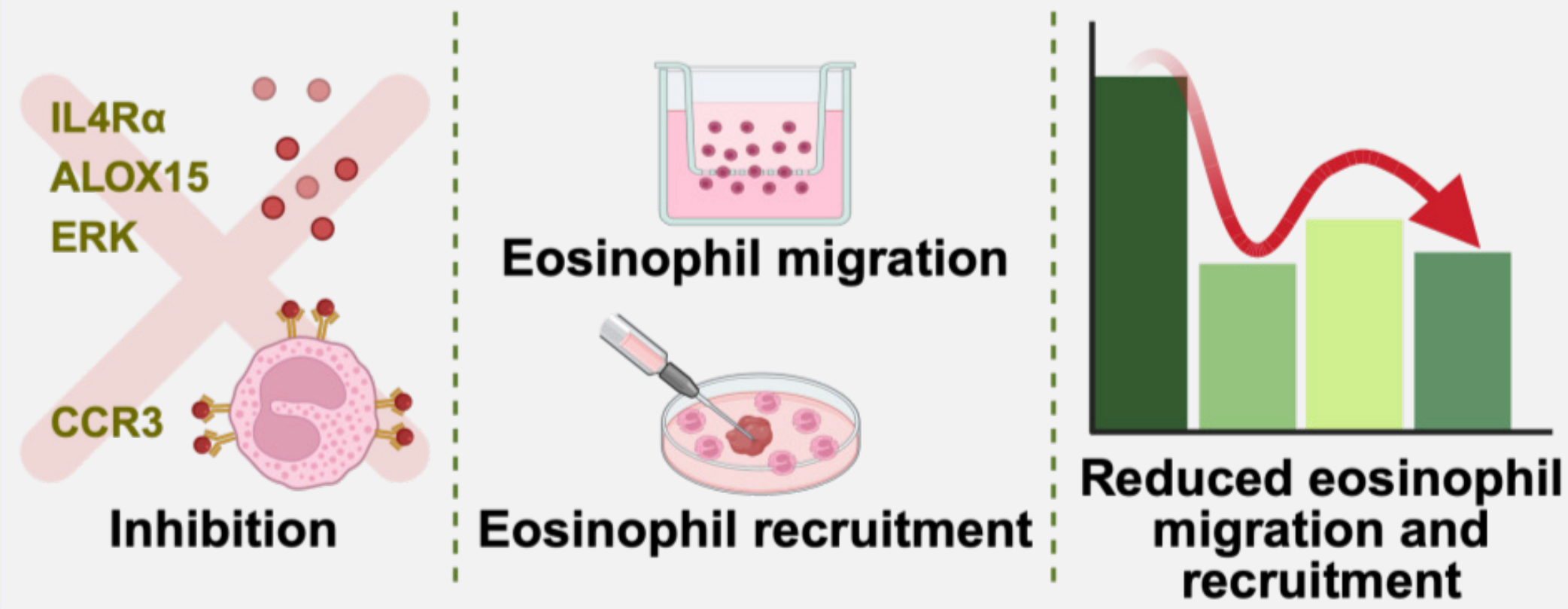
1. Integrated transcriptomic profiling



2. IL-4/IL-13 activate the macrophage ALOX15-ERK-CCL13 axis



3. Functional migration assays



CONCLUSION

- Subepithelial ALOX15 macrophage niches promote eosinophil recruitment in eCRSwNP
- The IL-4R α -ALOX15-ERK-CCL13 axis represents a potential therapeutic target for eCRSwNP