

Haematologica
HAEMATOL/2017/174771
Version 4

Interleukin-22 levels are increased in gastrointestinal graft versus host disease in children

Dana T Louder, Pooja Khandelwal, Nicholas J Gloude, Christopher E Dandoy, Sonata Jodele, Mario Medvedovic, Lee A Denson, Adam Lane, Kelly Lake, Bridget Litts, Alyss Wilkey, and Stella M Davies

Disclosures: We have no conflicts of interest relevant to this work to report.

Contributions: D.T.L. designed experiments, performed experiments, collected data, and wrote the manuscript. P.K. designed experiments, performed flow cytometry, and edited and approved the manuscript. C.E.D., S.J., N.J.G., and L.A.D. reviewed and interpreted study data and edited and approved the manuscript. A.L. performed statistical analysis and edited and approved the manuscript. K.L., B.L., and A.W. collected, annotated and processed clinical samples. M.M performed and analyzed RNA seq analysis. S.M.D. designed the study, interpreted results and wrote the manuscript with D.T.L.