The proteome of neutrophils in sickle cell disease reveals an unexpected activation of interferon alpha signaling pathway

Patricia Hermand, Slim Azouzi, Emilie-Fleur Gautier, François Guillonneau, Vincent Bondet, Darragh Duffy, Sebastien Dechavanne, Pierre-Louis Tharaux, Patrick Mayeux, Caroline Le Van Kim, and Berengere Koehl

Disclosures: none

Contributions: C.L.V.K., B.K. and P.L.T. designed the project; B.K. contributed to essential material and collected clinical history; P.H., V.B., S.D. and D.D. performed experiments; E.F.G. and P.M. realized the mass spectrometry and proteomic analysis; P.H., S.A., C.L.V.K. and B.K. analyzed data and discussed the results. P.H., S.A., P.M., C.L.V.K. and B.K. wrote the manuscript.