

Haematologica  
HAEMATOL/2019/228064  
Version 6

A 3D iPSC-differentiation model identifies interleukin-3 as a regulator of  
early human hematopoietic specification

Mania Ackermann, Kathrin Haake, Henning Kempf, Paul Kaschutnig,  
Anna-Carina Weiss, Ariane H.H. Nguyen, Markus Abeln, Sylvia  
Merkert, Mark Phillip Kühnel, Dorothee Hartmann, Danny Jonigk,  
Thomas Thum, Andreas Kispert, Michael D. Milsom, and Nico  
Lachmann

Disclosures: M.A., H.K., and N.L. are authors on a pending patent application: "Stem-cell derived myeloid cells, generation and use thereof, EP 17 169 454.0". All authors declare no conflict of interest.

Contributions: M.A. designed the study, performed research, analysed and interpreted data, and wrote the manuscript. N.L. designed the study, interpreted data and wrote the manuscript. K.H., H.K., P.K., AC. W., D.H., M.A., MP.K., S.M. and AHH.N. performed research and analysed data. A.K., M.M., D.J. and T.T. designed research. All authors reviewed the manuscript.