Haematologica HAEMATOL/2016/151621 Version 3

Hemolytic anemia repressed hepcidin level without hepatocytes iron overload: lesson from Gunther disease model

Sarah Millot, Constance Delaby, Boualem Moulouel, Thibaud Lefebvre, Nathalie Pilard, Nicolas Ducrot, Cecile Ged, Philippe Lettéron, Lucia De Franceschi, Jean Charles Deybach, Carole Beaumont, Laurent Gouya, Hubert De Verneuil, Said Lyoumi, Hervé Puy, and Zoubida Karim

Disclosures: NONE

Contributions: SM measured RBC half-life and analyzed stress erythropoiesis and hematological status. CD, BM, TL, NP and ND performed gene expression studies, ZK made the duodenal loop experiments, PL helped with mice experiments. CG and HDV provided CEP mice and participated in interpretation of the data, LdF performed the ADVIA experiments, ZK, SL, CB and HP designed the study, directed the research and analyzed the data. J-CD, LG and all authors contributed to the writing of the manuscript, data analysis and interpretation of the results.