

Haematologica
HAEMATOL/2018/211391
Version 3

Mental stress causes vasoconstriction in sickle cell disease and normal controls

Payal Shah, Maha Khaleel, Wanwara Thuptim dang, John Sunwoo, Saranya Veluswamy, Patjanaporn Chalacheva, Roberta M. Kato, Jon Detterich, John C. Wood, Lonnie Zeltzer, Richard Sposto, Michael C.K. Khoo, and Thomas D. Coates

Disclosures: The authors declare no competing financial interests.

Contributions: PS designed and performed the experiments, statistical analysis, data interpretation and wrote the paper; MK designed and carried out the experiment, data acquisition and data analysis; WT performed the experiments, data acquisition and drafting the paper; JS, SV, and PC contributed in data interpretation and drafting the paper; RMK assisted in designing of physiologic measurements and supervised the experiments; JD, JCW contributed in data interpretation; LZ designed the experiment and wrote the paper; RS statistical analysis; MCKK designed the experiment, data analysis; TDC conceived and designed the experiment, data analysis and wrote the paper; and all authors reviewed and revised the manuscript.