

Manuscript no. HAEMATOL/2011/051839 entitled “Pulmonary artery pressure and iron deficiency in patients with up-regulation of hypoxia sensing due to homozygous VHLR200W mutation (Chuvash polycythemia)”

Authors: Craig A. Sable, Zakari Y. Aliyu, Niti Dham, Mehdi Nouraie, Vandana Sachdev, Stanislav Sidenko, Galina Y. Miasnikova, Lydia A. Polyakova, Adelina I. Sergueeva, Daniel J. Okhotin, Vladimir Bushuev, Alan T. Remaley, Xiaomei Niu, Oswaldo L. Castro, Mark T. Gladwin, Gregory J. Kato, Josef T. Prchal, and Victor R. Gordeuk

Information about the contributions of each person named as having participated in the study

1) Guarantor(s), i.e., person(s) who is (are) responsible for the integrity of the work as a whole:
• Craig A. Sable, Children’s National Medical Center, Washington, DC,
csable@childrensnational.org

According to the International Committee of Medical Journal Editors (ICMJE) (http://www.icmje.org/ethical_1author.html): “*Authorship credit should be based on: 1) substantial contributions to conception and design, acquisition of data, or analysis and interpretation of data; 2) drafting the article or revising it critically for important intellectual content; and 3) final approval of the version to be published. Authors should meet conditions 1, 2, and 3 Acquisition of funding, collection of data, or general supervision of the research group alone does not constitute authorship*”.

The guarantors of this manuscript confirm that all persons designated as authors qualify for authorship, and that each author has participated sufficiently in the work to take public responsibility for appropriate portions of the content.

2) Authors who participated in the **conception of the study**: Craig A. Sable, Victor R. Gordeuk

3) **Design & Methods**. The following authors were responsible for specific investigations (please detail):

- Craig A. Sable, Zakari Y. Aliyu, Niti Dham, Mehdi Nouraie, Vandana Sachdev, Stanislav Sidenko, Galina Y. Miasnikova, Lydia A. Polyakova, Adelina I. Sergueeva, Daniel J. Okhotin, Vladimir Bushuev, Alan T. Remaley, Xiaomei Niu, Oswaldo L. Castro, Mark T. Gladwin, Gregory J. Kato, Josef T. Prchal, and Victor R. Gordeuk were responsible for study design
- Craig A. Sable, Vladimir Bushuev, Zakari Y. Aliyu were responsible for performance of echocardiograms
- Craig A. Sable, Vandana Sachdev, Niti Dham were responsible for interpretation of echocardiograms
- Mehdi Nouraie Victor R. Gordeuk were responsible for statistical methodology
- Xiaomei Niu, Daniel J. Okhotin were responsible for laboratory evaluation
- Galina Y. Miasnikova, Lydia A. Polyakova, Adelina I. Sergueeva, Daniel J. Okhotin were responsible for patient recruitment

4) **Results**. The following authors were responsible for specific portions of the results, including figures and tables (please indicate the person responsible for each figure and each table):

- Craig A. Sable, Vladimir Bushuev Zakari Y. Aliyu Vandana Sachdev, Niti Dham were responsible for echocardiography results
- Xiaomei Niu, Daniel J. Okhotin were responsible for laboratory results
- Craig A. Sable, Victor R. Gordeuk, Mehdi Nouraie, Niti Dham were responsible for all tables and figures

5) **Writing the manuscript.** The following authors were responsible for writing the manuscript:
• Craig A. Sable, Niti Dham, Stanislav Sidenko, Alan T. Remaley, Oswaldo L. Castro, Mark T. Gladwin, Gregory J. Kato, Josef T. Prchal, Mehdi Nouraie, Victor R. Gordeuk

6) **Contributors Listed in Acknowledgments:** -