Manuscript no. HAEMATOL/2009/018044 entitled "Apolipoprotein A-I and Serum Amyloid A Plasma Levels Are Biomarkers of Acute Painful Episode in Patients with Sickle Cell Disease "Authors: Ashaunta Tumblin, Anitaben Tailor, Gerard T. Hoehn, A. Kyle Mack, Laurel Mendelsohn, Lita Freeman, Xiuli Xu, Alan T. Remaley, Peter J. Munson, Anthony F. Suffredini, Gregory J. Kato

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

According to the International Committee of Medical Journal Editors (ICMJE) (<u>http://www.icmje.org/ethical\_1author.html</u>): "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:

### Ashaunta Tumblin, Gerard T. Hoehn, A. Kyle Mack, Anthony F. Suffredini, Gregory J. Kato

3) Design & Methods. The following authors were responsible for specific investigations

Ashaunta Tumblin, Anthony F. Suffredini and Gregory J. Kato designed the study.

Ashaunta Tumblin, A. Kyle Mack, and Laurel Mendelsohn collected specimens.

Ashaunta Tumblin and Gerard T. Hoehn carried out the SELDI-TOF MS analysis under the supervision of Anthony F. Suffredini

Ashaunta Tumblin and Xiuli Xu carried out proteomics statistical analysis under the supervision of Peter J. Munson

Anitaben Tailor and Lita Freeman carried out validation assays under the supervision of Alan T. Remaley, with statistical supervision of Gregory J. Kato

Ashaunta Tumblin, Anitaben Tailor, and Gregory J. Kato wrote the manuscript.

4) **Results**. The following authors were responsible for specific portions of the results, including figures and tables

Table 1 - Ashaunta Tumblin, Anitaben Tailor, Lita Freeman, Gregory J. Kato

Figure 1,2,3 - Ashaunta Tumblin, Anitaben Tailo, Gregory J. Kato

5) Writing the manuscript. The following authors were responsible for writing the manuscript:

## Ashaunta Tumblin, Anitaben Tailor, Lita Freeman, Xiuli Xu, Anthony F. Suffredini, Gregory J. Kato

#### 6) Contributors Listed in Acknowledgments:

Mary Hall for expert protocol management, Wynona Coles for protocol coordination, Amy Chi for data coordination, Heather Kennedy for administrative support, Maureen Sampson for technical support, and all the patients who enrolled in this study.