Title: Loss of ATE1-mediated arginylation leads to impaired platelet myosin phosphorylation, clot retraction, and in vivo thrombosis formation.

First author: Lurong Lian

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 responsible author(s) of this manuscript confirm(s) 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.

Specific contributions of each author are listed on page 2 of this document.

Responsible author(s):

author(s) responsible for the integrity of the work as a whole

Name: Charles S. Abrams
Institute: Hematology-Oncology Division, Department of Medicine, Perelman School of Medicine, University of Pennsylvania, Philadelphia, Pennsylvania, USA
e-mail: abrams@mail.med.upenn.edu
Author contributions (maximum 1 page):

Please describe the contributions of each author, indicating who was responsible for each part of the study and the preparation of the manuscript (collection of data, experiments, data analysis, generation of figures, collection of images, interpretation of data, preparation of the text, etc.)

Lurong Lian was responsible for experimental design and execution, collection of data, data analysis, generation of figures, collection of images, interpretation of data, and preparation of the manuscript.
Aae Suzuki was responsible for interpretation of data, preparation of the manuscript, generation of figures, collection of images.
Vincent Hayes was responsible for experimental design and execution, and interpretation of data.
Sougata Saha was responsible for experimental design and execution, and generation of figure.
Xuemei Han was responsible for experimental design and execution, interpretation of data.
Tao Xu was responsible for experimental design and execution, interpretation of data.
John R Yates, III was responsible for interpretation of data.
Mortimer Poncz was responsible for experimental design, interpretation of data, and preparation of the manuscript.
Anna Kashina was responsible for experimental design, interpretation of data, and preparation of the manuscript.
Charles S. Abrams was responsible for experimental design, supervision of the project, interpretation of data, and preparation of the manuscript.