Title: Patient autoantibodies induce platelet destruction signals via raft-associated glycoprotein Ibα and FcγRIIa in immune thrombocytopenia

First author: Rolf T. Urbanus, PhD.

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:

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

Name: Rolf T. Urbanus, PhD.
Institute: University Medical Center Utrecht
e-mail: r.t.urbanus@umcutrecht.nl
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.)

Authors who participated in the conception of the study: Rolf Urbanus, Dianne van der Wal, Albert Huisman, Roger Schutgens, Hans Deckmyn, Jan-Willem Akkerman, Hans Gerritsen and Eelo Gitz

The following authors were responsible for specific investigations:

- Eelo Gitz, Dianne van der Wal and Cornelis Koekman were responsible for platelet isolations and incubations
- Eelo Gitz was responsible for flow cytometric analysis, plasma IgG depletion, antibody titer determination by ELISA and statistical analysis
- Dianne van der Wal was responsible for flow cytometric analysis and platelet phagocytosis
- Eelo Gitz, Dave van den Heuvel and Hans Gerritsen were responsible for analysis of GPIbα distribution by Förster resonance energy transfer, measured by fluorescence lifetime imaging microscopy

The following authors were responsible for specific portions of the results, including figures and tables:

- Eelo Gitz, Dianne van der Wal and Cornelis Koekman were responsible for figure 1
- Eelo Gitz was responsible for figure 2
- Albert Huisman, Roger Schutgens and Dianne van der Wal were responsible for table S1

The following authors were responsible for writing the manuscript:

- Rolf Urbanus, Dianne van der Wal, Jan-Willem Akkerman and Eelo Gitz were responsible for writing the manuscript