Manuscript no. HAEMATOL/2011/040386 entitled "Graft-versus-host disease is the major determinant of humoral responses to the ASO3-adjuvanted influenza A/09/H1N1 vaccine in allogeneic hematopoietic stem cell transplant recipients"

Authors: Bilal Mohty, Michael Bel, Marija Vukicevic, Monika Nagy, Emmanuel Levrat, Sara Meier, Stephane Grillet, Christophe Combescure, Laurent Kaiser, Yves Chalandon, Jakob Passweg, Claire-Anne Siegrist and Eddy Roosnek

## 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: Bilal Mohty, MD, Service d'Hématologie, Hopital Universitaire de Genève, Rue Gabrielle-Perret-Gentil 4, 1211 Geneva -14, Switzerland. Tel: +41 22 372 92 83; Fax: +41 22 372 72 88; Email: bilal.mohty@hcuge.ch

According to the International Committee of Medical Journal Editors (ICMJE) (<a href="http://www.icmje.org/ethical\_1author.html">http://www.icmje.org/ethical\_1author.html</a>): "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: Mohty Bilal, Roosnek Eddy and Siegrist Claire-Anne.
- 3) Design & Methods. The following authors were responsible for specific investigations:
- Mohty Bilal was responsible for design of the study, provision of patients, acquisition of data and data analysis
- Siegrist Claire-Anne was responsible for design of the study, acquisition of data and data analysis
- Kaiser Laurent was responsible for design of the study, acquisition of data and data analysis
- Levrat Emmanuel was responsible for provision of patients
- Nagy Monika was responsible for provision of patients and acquisition of data
- Vukicevic Maja was responsible for acquisition of data (laboratory methods)
- Grillet Stephane was responsible for acquisition of data (laboratory methods)
- Christophe Combescure was responsible for data analysis
- Michael Bel was responsible for acquisition of data (laboratory methods) and data analysis
- Meier Sara was responsible for acquisition of data
- Chalandon Yves was responsible for provision of patients and acquisition of data
- Passweg Jakob was responsible for acquisition of data and data analysis
- Eddy Roosnek was responsible for design of the study, acquisition of data and data analysis
- 4) Results. The following authors were responsible for specific portions of the results, including figures and tables:
- Mohty Bilal was responsible for data analysis, design of tables, and data interpretation
- Michael Bel was responsible for design of figures
- Siegrist Claire-Anne was responsible for data analysis and data interpretation
- Combescure Christophe was responsible for statistical data analysis

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

- Mohty Bilal
- Siegrist Claire-Anne
- Roosnek Eddy
- All authors commented and revised the manuscript and approved the final version.

## 6) Contributors Listed in Acknowledgments:

The authors would like to thank the patients who volunteered for this study, the staff and the the Center for Clinical Research, without whom this challenging study would have not been possible.

<u>Funding:</u> Centre for Clinical Research and Centre for Vaccinology (Geneva University Hospital and Faculty of Medicine of the University of Geneva), Louis Jeantet Foundation. M.B. is supported by the Federal Office of Public Health.

ER is supported by a grant of the Swiss National Science Foundation (#310030 127516) and by the "Dr Henri Dubois-Ferrière-Dinu Lipatti" Foundation.