Manuscript no. HAEMATOL/2011/047159 entitled "The in vivo mechanism of action of CD20 monoclonal antibodies depends on local tumor burden"

Authors: Peter Boross, J.H. Marco Jansen, Simone de Haij, Frank J. Beurskens, Cees E. van der Poel, Lisette Bevaart, Maaike Nederend, Josée Golay, Jan G.J. van de Winkel, Paul W.H.I. Parren, and Jeanette H.W. Leusen

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: Jeanette H.W. Leusen, Immunotherapy Laboratory KC 02.085.2, Department of Immunology, Lundlaan 6, 3584 EA Utrecht, The Netherlands, Phone: +31 88 7554268, Fax: +31 88 7554305, email: jleusen@umcutrecht.nl

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: Peter Boross, J.H. Marco Jansen, Simone de Haij, Frank J. Beurskens, Cees E. van der Poel, Lisette Bevaart, Maaike Nederend, Jan G.J. van de Winkel, Paul W.H.I. Parren, and Jeanette H.W. Leusen
- 3) Design & Methods. The following authors were responsible for specific investigations (please detail):
- Peter Boross, J.H. Marco Jansen, Maaike Nederend and Lisette Bevaart were responsible for performing all experiments and analyzing the data.
- Josée Golay provided the EL4-CD20 cells.
- Cees E. van der Poel, Simone de Haij and Frank J. Beurskens designed research, analyzed and interpreted data.
- Peter Boross, J.H. Marco Jansen, Jan G.J. van de Winkel, Paul W.H.I. Parren, and Jeanette H.W. Leusen were responsible for the overall design of the study.
- 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):
- Peter Boross, J.H. Marco Jansen and Maaike Nederend and Lisette Bevaart were responsible for Figures 1-5 and S1-S3.
- 5) Writing the manuscript. The following authors were responsible for writing the manuscript:
- Peter Boross, J.H. Marco Jansen, Jan G.J. van de Winkel, Paul W.H.I. Parren, and Jeanette H.W. Leusen were responsible for writing the manuscript.
- 6) Contributors Listed in Acknowledgments: (Examples of those who might be acknowledged include a person who provided purely technical help, writing assistance, or a department chair who provided only general support. Corresponding authors must declare whether they had assistance with the study design, data collection, data analysis, or manuscript preparation. If such assistance was available, the authors must disclose the identity of the individuals who

provided this assistance and the entity that supported it. Financial and material support should also be acknowledged.)

The authors would like to thank Marleen Voorhorst for technical assistance and Piet Aerts for providing mouse anti-rabbit serum for the hemolytic complement assay and Drs Linde Meyaard and Erik Hack for critically reading the manuscript.

Funding

This research has been supported by the following grants: Association for International Cancer Research grant 06-0368, Dutch Cancer Foundation (KWF/NKB) grant UU2002-2706, and Dutch Science Fund (NWOALW2PJ/05 088). J.H.M.J. was financially supported by Genmab B.V.