

Manuscript no. HAEMATOL/2010/023481 entitled "Expression of miR-196b is not exclusively MLL-driven but especially linked to activation of HOXA genes in pediatric acute lymphoblastic leukemia.

" Authors: Diana Schotte, Ellen Lange-Turenhout, Dominique J.P.M. Stumpel, Ronald W. Stam , Jessica Buijs-Gladdines, Jules P.P. Meijerink, Rob Pieters and Monique L. Den Boer

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

Guarantor(s), i.e., person(s) who is (are) responsible for the integrity of the work as a whole:

- Diana Schotte, Department of Pediatric Oncology and Hematology, Erasmus MC / Sophia Children's Hospital, University Medical Center Rotterdam, the Netherlands, d.schotte@erasmusmc.nl
- Monique L. den Boer, Department of Pediatric Oncology and Hematology, Erasmus MC /Sophia Children's Hospital, University Medical Center Rotterdam, the Netherlands, m.l.denboer@erasmusmc.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: M.L. den Boer

3) **Design & Methods.** The following authors were responsible for specific investigations (please detail):

- Diana Schotte, Ellen A.M. Lange-Turenhout and Monique L. den Boer were responsible for the microRNA-196b expression analysis.
- Diana Schotte, Ellen A.M. Lange-Turenhout, Jessica G.C.A.M. Buijs-Gladdines, Jules P.P. Meijerink, Ronald W. Stam, Rob Pieters and Monique L. den Boer were responsible for HOX gene analysis.
- Dominique J.P.M. Stumpel, Ronald W. Stam and Rob Pieters were responsible for the assessment of the methylation status.
- Monique L. den Boer, Rob Pieters, Ellen A.M. Lange-Turenhout, Jessica G.C.A.M. Buijs-Gladdines were responsible for drug-resistance-assays.

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):

- Diana Schotte, Ellen A.M. Lange-Turenhout, Jessica G.C.A.M. Buijs-Gladdines, Ronald W. Stam, Jules P.P. Meijerink, Rob Pieters, Monique L. den Boer were responsible for Figure 1, 2 and 3.
- Diana Schotte, Dominique J.P.M. Stumpel, Ronald W. Stam, Rob Pieters and Monique L. den Boer were responsible for Figure 4.
- Diana Schotte, Ellen M.A. Lange-Turenhout, Jessica G.C.A.M. Buijs-Gladdines, Rob Pieters and Monique L. den Boer were responsible for Figure 5.

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

Diana Schotte and Monique L. den Boer wrote the paper. All authors, i.e. Diana Schotte, Ellen A.M. Lange-Turenhout, Dominique J.P.M. Stumpel, Ronald W. Stam, Jessica G.C.A.M. Buijs-Gladdines, Jules P.P. Meijerink, Rob Pieters and Monique L. den Boer, were responsible for data interpretation, revising and proofing the final version of this paper.

6) Contributors Listed in Acknowledgments :

The work described in this paper was financially supported by the Netherlands Organization for Scientific Research (Vidi-grant, MLDB, DS), the Sophia Foundation for Medical Research (RWS, RP, DJPMS), the Pediatric Oncology Foundation Rotterdam - Quality of Life Foundation (MLDB, ELT, RP) and the Dutch Cancer Society (grant EMCR 2005-3662, MLdB, RP, DS, JBG, RWS).