

haematologica *the hematology journal*

author contribution form

Title	High CD45 surface expression determines relapse risk in children with precursor B-cell and T-cell acute lymphoblastic leukemia treated according to the ALL-BFM 2000 protocol
First author	Gunnar Cario

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):

Name: Cario, Gunnar

Institute: Pediatrics, University Medical Center Schleswig-Holstein, Campus Kiel, Germany

E-mail: g.cario@pediatrics.uni-kiel.de

Name: Karawajew, Leonid

Institute: Hematology, Oncology and Tumor Immunology, HELIOS-Clinic Berlin-Buch,

Berlin, Germany

E-mail: g.cario@pediatrics.uni-kiel.de

Author contributions:

Please describe the contributions of each author, indicating who was responsible for each part of the study and the preparation of the manuscript

Design of the study: G. Cario, M. Stanulla

Collection of data: G. Cario, R. Romey, P. Rhein, A. Moericke, M. Schrappe

Experiments: P. Rhein, R. Mitlöhner, O. R. Bandapalli, R. Romey, W. Ludwig, R. Ratei, M. U. Muckenthaler, A. E. Kulozik, L. Karawajew

Data analysis: G. Cario, M. Zimmermann, Rhein, R. Mitlöhner, W. Ludwig, R. Ratei, L. Karawajew

Generation of Figure: G. Cario, M. Zimmermann

Interpretation of data: G. Cario, M. Schrappe, M. Stanulla

Preparation of the manuscript: G. Cario

Contribution to the writing of the manuscript: G. Cario, P. Rhein, R. Mitlöhner, M. Zimmermann, O. R. Bandapalli, R. Romey, A. Moericke, W.-D. Ludwig, R. Ratei, M. U. Muckenthaler, A. E. Kulozik, M. Schrappe, M. Stanulla, and L. Karawajew