Germline variants in IKZF1, ARID5B, and CEBPE as risk factors for adult-onset acute lymphoblastic leukemia: an analysis from the GMALL study group

First author: Thomas Burmeister

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Specific contributions of each author are listed on page 2 of this document.

Responsible author(s):

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

Name: Thomas Burmeister
Institute: Charité, Med. Klinik für Hämatologie, Onkologie und Tumorimmunologie, Berlin, Germany
e-mail: thomas.burmeister@charite.de
Author contributions (maximum 1 page):

*Thomas Burmeister*: principal investigator, designed and concepted research. Supervised SNP genotyping, DNA sequencing and MRD analysis of MLL-r patients; wrote the manuscript,

*Gesine Bartels*: performed technical work (SNP genotyping, sequencing),

*Daniela Gröger*: performed technical work (SNP genotyping, real-time qPCR of MLL-r patient samples for MRD assessment),

*Heiko Trautmann*: performed real-time PCR for MRD assessment based on rearranged TCR or IG genes,

*Stefan Schwartz*: performed immunophenotyping of ALL samples at diagnosis,

*Klaus Lenz*: did the major part of the statistical analysis,

*Carola Tietze-Bürger*: obtained and purified CD34+ stem cells from healthy donors,

*Andreas Viardot*: recruited patients for the study - major contributer,

*Ralph Wäsch*: recruited patients for the study - major contributer,

*Heinz-August Horst*: recruited patients for the study - major contributer

*Richard Reinhardt*: supervised and organized all the DNA sequencing,

*Nicola Gökbuget*: head of the GMALL study center,

*Dieter Hoelzer*: head of the GMALL study group,

*Michael Kneba*: member of the GMALL study board,

*Monika Brüggemann*: supervised and organized TCR and IG-based MRD analysis.

All authors contributed intellectually to the final drafting of the manuscript.