Title | Molecular characterization and clinical course of MLL-ACTN4 rearrangement in therapy-related hematologic malignancies
---|---
First author | John Jeongseok Yang

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):**

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

Name: Tae Sung Park
Institute: Department of Laboratory Medicine, School of Medicine, Kyung Hee University
Seoul, Korea
e-mail: 153jesus@hanmail.net
Author contributions (maximum 1 page):

Please describe the contributions of each author, indicating who was responsible for each part of the study and the preparation of the manuscript (collection of data, experiments, data analysis, generation of figures, collection of images, interpretation of data, preparation of the text, etc.)

Authors who participated in the conception of the study: JJY, TSP, STL, SHO, CM, RM and SHK.

Design & Methods. The following authors were responsible for specific investigations:

• JJY, TSP, STL, JYS, SHO, EHC, TB, WL, HJK and SHK were responsible for conducting bone marrow study, chromosome, FISH, microarray and other analyses for each patient in this study.
• CM, RM are responsible for long distance inverse (LDI)-PCR for MLL rearrangement.
• All authors were responsible for data collection and verification.

Results. The following authors were responsible for specific portions of the results, including figures and tables:

• The initial analysis was done by JJY, TSP, STL, SHO, TB, WL and SHK. It was then reviewed and approved by JYS, EHC, CM, RM, and HJK.

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

• JJY and TSP wrote the first draft. STL, JYS, SHO, EHC, TB, WL, CM, RM, HJK and SHK modified, improved, reviewed and approved initial and final manuscript.

This research was supported by the Basic Science Research Program through the National Research Foundation of Korea (NRF) funded by the Ministry of Education, Science and Technology (2010-0023093) to TSP, and by German Pediatric Cancer Foundation (DKS-2011.09) to RM. TSP was supported by grant KHU-20130528 from the Kyung Hee University in 2013, and TB by grant R12/09 from the German José Carreras Leukemia Foundation.