

Manuscript no. HAEMATOL/2011/040147 entitled “Multiple oligomerization domains of KANK1-PDGFRB are required for JAK2-independent hematopoietic cell proliferation and signaling via STAT5 and ERK”

Authors: Medves S, Noel LA, Montano-Almendras CP, Albu RI, Schoemans H, Constantinescu SN, Demoulin JB.

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:
• Demoulin Jean-Baptiste, Université catholique de Louvain, jb.demoulin@uclouvain.be

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**: Demoulin Jean-Baptiste, Medves Sandrine

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

- Medves Sandrine and Demoulin Jean-Baptiste were responsible for the design of most experiments
- Montano-Almendras Carmen P and Schoemans H el ene were responsible for the design of the experiments on human progenitors
- Albu RI and Constantinescu SN were responsible for the design of the JAK experiments
- Noel Laura was responsible for the design of the oligomerization and inhibitor experiments

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):

- Medves Sandrine and Noel Laura A performed most experiments (Figures 1 to 5 and supplements)
- Medves Sandrine, Albu RI and Constantinescu SN were responsible for the JAK experiments (Figure 1)
- Montano-Almendras Carmen P was responsible for the human progenitor experiment (Figure 6)

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

- Medves Sandrine, Noel Laura A and Demoulin Jean-Baptiste were responsible for writing the text and designing the figures
- Montano-Almendras CP, Albu RI, Schoemans H, Constantinescu SN were responsible for critical reading, corrections as well as writing specific sections

6) **Contributors Listed in Acknowledgments**:

Andr e Tonon, for technical assistance in flow cytometry; Alain Buisseret for technical assistance and lab management; members of the MEXP unit for support, in particular Ahmed Essaghir for

statistical assistance, Amélie Velghe for technical assistance in the laboratory and Geneviève Sapin for administrative support; and the cord blood bank team of UZ Leuven for cord blood collection, testing and supply: Marc Boogaerts, Timothy Devos, Ann Vancampenhout, Franky Sinap, Lore Swinnen, Louise Lauweryns, Marianne Boogaerts, Sarah Vandiest, Veerle Verslegers and Werner Scheers.