

**Manuscript no. HAEMATOL/2010/031328 entitled “Polo-like kinase-1 as novel target in neoplastic mast cells: demonstration of growth-inhibitory effects of siRNA and the Polo-like kinase-1 targeting drug BI 2536”**

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**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:  
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2) Authors who participated in the **conception of the study**: Barbara Peter, Peter Valent

3) **Design & Methods**. The following authors were responsible for specific :

- Barbara Peter was responsible for Western blots, growth and apoptosis assays, siRNA and qPCR experiments
- Karoline V. Gleixner was responsible for RT-PCR and drug combination studies
- Karina Schuch, Winfried F. Pickl and Veronika Ferenc contributed <sup>3</sup>H-thymidine uptake experiments
- Harald Hermann was responsible for flow cytometry
- Irina Mirkina contributed by culturing human mast cells
- Emir Hadzijusufovic performed the TUNEL Assay
- Sabine Cerny-Reiterer and Viviane Winter were responsible for immunostainings
- Michael Willmann contributed canine mast cells
- Hans-Peter Horny contributed hematopathology evaluations
- Leonard Müllauer provided paraffin-embedded formalin-fixed BM specimens
- Peter Valent contributed patients

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

- Sabine Cerny-Reiterer and Barbara Peter were responsible for Figure 1A
- Sabine Cerny-Reiterer and Barbara Peter were responsible for Figure 1B
- Karoline V. Gleixner was responsible for Figure 1C
- Barbara Peter was responsible for Figure 1D
- Barbara Peter was responsible for Figure 2A
- Barbara Peter and Veronika Ferenc were responsible for Figure 2B
- Barbara Peter was responsible for Figure 2C

- Harald Hermann and Barbara Peter were responsible for Figure 3A,B,C
- Barbara Peter was responsible for Figure 3D
- Barbara Peter was responsible for Figure 4A
- Barbara Peter was responsible for Figure 4B
- Emir Hadzijusufovic was responsible for Figure 4C
- Barbara Peter was responsible for Figure 4D
- Barbara Peter and Peter Valent were responsible for Table S1
- Hans-Peter Horny, Leonhard Müllauer, and Peter Valent were responsible for Table S2
- Barbara Peter was responsible for Table S3
- Sabine Cerny-Reiter and Barbara Peter were responsible for Figure S1
- Sabine Cerny-Reiter, Leonhard Müllauer, and Barbara Peter were responsible for Figure S2
- Barbara Peter and Viviane Winter were responsible for Figure S3
- Barbara Peter and Veronika Ferenc were responsible for Figure S4
- Barbara Peter was responsible for Figure S5

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

- Peter Valent was responsible for writing the manuscript

6) **Contributors Listed in Acknowledgments:** -