**Title**
Contribution of ADAMTS13 to the better cell engraftment efficacy in mouse model of bone marrow transplantation

**First author**
Hideto Matsui

According to the International Committee of Medical Journal Editors (ICMJE) ([http://www.icmje.org/ethical_1author.html](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 of this manuscript confirms 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.

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Mitsuhiko Sugimoto</th>
</tr>
</thead>
<tbody>
<tr>
<td>Institute</td>
<td>Nara Medical University</td>
</tr>
<tr>
<td>e-mail</td>
<td><a href="mailto:sugi-ped@naramed-u.ac.jp">sugi-ped@naramed-u.ac.jp</a></td>
</tr>
</tbody>
</table>

**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 (collection of data, experiments, data analysis, generation of figures, interpretation of data, preparation of the text, etc.):*

Hideto Matsui performed most of the experiments and manuscript preparation; Maiko Takeda, Yasunori Matsunari, Shogo Kasuda and Shiro Ono helped perform the mouse experiments and data analysis; Kenji Soejima provided recombinant human ADAMTS13; Kenji Nishio and Midori Shima provided guidance; Fumiaki Banno and Toshiyuki Miyata produced the ADAMTS13 KO mice; Mitsuhiko Sugimoto conceptually designed, directed and interpreted the experiments, and wrote the manuscript.