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Information about the contributions of each person named as having participated in the study

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2) Authors who participated in the conception of the study: Xiang Hong Li, Dadin Fu, Nabil H. Latif, Conor P. Mullaney, Patrick H. Ney, Steven R. Mog, Mark H. Whitnall, Venkataraman Srinivasan, and Mang Xiao

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

- Mang Xiao was responsible for designing the research, analyzing the data and writing the paper, and takes primary responsibility for the paper.
- Venkataraman Srinivasan and Mark H. Whitnall were responsible for designing the mouse survival study and analyzing the data.
- Xiang Hong Li, Dadin Fu, Nabil H. Latif, Conor P. Mullaney and Patrick H. Ney designed and performed the *in vivo* and *in vitro* research work, prepared dugs and injected the mice, and analyzed the data.
- Steven R. Mog performed the mouse bone marrow pathology study, and collected and analyzed data.

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):

- Mang Xiao was responsible for all figures.
- Venkataraman Srinivasan was responsible for figure 1A.
- Steven R. Mog was responsible for figure 1C.
- Xiang Hong Li was responsible for figure 3-6.
- Dadin Fu and Nabil H. Latif were responsible for figure 1B, 2, and Supplementary figure 1.

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

- Mang Xiao, Mark H. Whitnall, and Venkataraman Srinivasan were responsible for writing the manuscript.

6) Contributors Listed in Acknowledgments: (Examples of those who might be acknowledged include a person who provided purely technical help, writing assistance, or a department chair who provided only general support. Corresponding authors must declare whether they had assistance with the study design, data collection, data analysis, or manuscript preparation. If such assistance was available, the authors must disclose the identity of the individuals who provided this assistance and the entity that supported it. Financial and material support should also be acknowledged.)

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