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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**: Nancy C. Andrews, Curt I. Civin, Jeremy D. Walston, Cindy N. Roy

3) **Design & Methods**. The following authors were responsible for specific investigations (please detail):
• Olivier D. Prince, Jacqueline M. Langdon, Ian C. Prince, Howard H. Mak, Nancy C. Andrews and Cindy N. Roy were responsible for establishing sterile abscess, mouse necropsy, and mouse husbandry.
• Jeremy D. Walston and Cindy N. Roy were responsible for multiplex validation of the acute and chronic inflammatory phenotype.
• Olivier D. Prince, Jacqueline M. Langdon and Cindy N. Roy were responsible for complete blood count.
• Olivier D. Prince, Jacqueline M. Langdon, Francis J. Chrest, Curt I. Civin, and Cindy N. Roy were responsible for immunostaining and flow cytometry.
• Andrew J. Layman, and Cindy N. Roy were responsible for erythrocyte survival and flow cytometry.
• Olivier D. Prince, Jacqueline M. Langdon, Miguel Sabogal, Alan E. Berger, Chris Cheadle, Cindy N. Roy were responsible for macrophage isolation and quantitative PCR for tissue-specific gene expression and related statistical analyses.
• Olivier D. Prince, Jacqueline M. Langdon, Ian C. Prince, and Cindy N. Roy were responsible for serum and tissue iron analyses.
• Jacqueline M. Langdon was responsible for immunoblot
• Jacqueline M. Langdon and Cindy N. Roy were responsible for ELISA
• Qilu Yu and Qian-Li Xue were responsible for statistical analyses.

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):
• Cindy N. Roy was responsible for Figure 1.
• Cindy N. Roy was responsible for Figure 2.

• Jacqueline M. Langdon and Cindy Roy were responsible for Figure 3.
• Jacqueline M. Langdon and Cindy Roy were responsible for Figure S1.
• Qian-Li Xue and Cindy N. Roy were responsible for Table 1.
• Alan E. Berger and Cindy N. Roy were responsible for Table 2.

5) **Writing the manuscript**. The following authors were responsible for writing the manuscript:
• Olivier D. Prince, Jacqueline M. Langdon, Andrew J. Layman, Ian C. Prince, Miguel Sabogal, Howard H. Mak, Alan E. Berger, Chris Cheadle, Francis J. Chrest, Qilu Yu, Nancy C. Andrews, Qian-Li Xue, Curt I. Civin, Jeremy D. Walston, Cindy N. Roy

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