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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:** Patrizia Rovere-Querini, Laura Silvestri, Clara Camaschella and Angelo A. Manfredi

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

- Lara Campana and Lidia Bosurgi were responsible for the analysis of the expression of genes involved in iron metabolism in M1 and M2 cells
- Gianfranca Corna was responsible for the study of the RNA binding activity of IRP1 and IRP2 in M1 and M2 cells and of the role of functional polarization in the management of iron overload and depletion
- Lara Campana and Alessandra Castiglioni were responsible for the analysis of macrophage/T cell interaction in iron overload and depletion

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

- Gianfranca Corna and Alessandro Campanella were responsible for Figure 1
- Gianfranca Corna and Lara Campana for Figure 2
- Emanuele Pignatti and Pietro Apostoli for Figure 3
- Gianfranca Corna and Lara Campana for Figure 4
- Alessandra Castiglioni and Lara Campana for Figure 5
- Lara Campana, Patrizia Rovere-Querini and Angelo A. Manfredi for Figure 6
- Lara Campana for supplementary Figure 1
- Gianfranca Corna for supplementary Figure 2
- Lara Campana for supplementary Figure 3
- Lidia Bosurgi, Enrico Tagliafico and Silvia Brunelli for Table 1
- Lara Campana for Table 2

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

- Patrizia Rovere-Querini and Angelo A. Manfredi wrote the first draft of the paper

- Clara Camaschella and Laura Silvestri and Silvia BRunelli were responsible of further corrections of the manuscript

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

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