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**entitled "MOLECULAR AND FUNCTIONAL CHARACTERIZATION OF ALLOANTIGEN-SPECIFIC ANERGIC T-CELLS SUITABLE FOR CELL THERAPY"**

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

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**The guarantors of this manuscript confirm 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.**

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

- Rosa Bacchetta was responsible for the design of MLR with exogenous IL-10 experiments and microarrays analysis and performed the preliminary experiments,
- Silvia Gregori, was responsible for the design of MLR with tolerogenic DC-10 and MLP experiments ,
- Giorgia Serafini, performed MLRs experiments using MUD pairs and analyzed data,
- Claudia Sartirana, performed MLRs experiments using haploidentical pairs and normal donors,
- Ute Shulz, was responsible for the design of skin explant experiments
- Elisabetta Zino, performed CTLps,

- Stefan Tomiuk, was responsible for the design and the bioinformatical analysis of the Riset microarrays,
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- Carlo Terenzio Peties, performed hystological analysis and analyzed data,
- Katharina Fleischhauer, was responsible for the design of CTLp experiments,

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):

- Rosa Bacchetta responsible for figure 1A, 1B, 3A, table 1, table 1S, and figure 1S;
- Silvia Gregori, responsible for figure 2, figure 4, table 1, and table 1S;
- Giorgia Serafini, responsible for figure 1A, 1B, 3A, 4A, 4B, 4C;
- Claudia Sartirana, responsible for figure 1A, 1B, 3A, 4A, 4B, 4C;
- Ute Shulz, responsible for figure 1C, and figure 1S;
- Elisabetta Zino, responsible for figure 1D and 3B;
- Stefan Tomiuk, responsible for table 1 and table 1S;
- Ponzoni Maurilio, responsible 1C;
- Carlo Terenzio Peties, responsible figure 1C;
- Katharina Fleischhauer, responsible for figure 1D and 3B;
- Maria Grazia Roncarolo, responsible for all figures.

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

- Rosa Bacchetta responsible for the overall manuscript
- Silvia Gregori, responsible for the overall manuscript
- Stefan Tomiuk and Uwe Janben, were responsible for everything regarding the microarray experiments
- Maria Grazia Roncarolo, responsible for the overall 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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