

# haematologica *the hematology journal*

## *author contribution form*

<b>Title</b>	<i>Monocytic population in chronic lymphocytic leukemia shows altered composition and deregulation of genes involved in phagocytosis and inflammation</i>
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*Specific contributions of each author are listed on page 2 of this document.*

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*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, collection of images, interpretation of data, preparation of the text, etc.)*

**Rossana Maffei** conceived and designed the research, performed and analyzed gene expression profiles by microarray and validated the results by quantitative PCR, managed cell cultures; analyzed data, performed the statistical analysis, generated figures and wrote the paper

**Jenny Bulgarelli** managed cell cultures and performed migration assays and quantitative PCR

**Stefania Fiorcari** performed ELISA assays, obtained and analyzed flow cytometric data, generated figure 5B

**Linda Bertoncelli** obtained flow cytometric data

**Silvia Martinelli** performed ELISA assays

**Carla Guarnotta** performed immunohistochemical stainings

**Ilaria Castelli** performed immunohistochemical stainings

**Silvia Deaglio** managed nurse-like cell cultures, performed confocal microscopy, generated figure 3B, and drafted the manuscript

**Giulia Debbia** managed clinical data and contributed to statistical analysis

**Sara De Biasi** obtained and analyzed flow cytometric data and generated figure 1A and 2A

**Goretta Bonacorsi** evaluated immunohistochemical stainings and revised the manuscript

**Patrizia Zucchini** collected biological samples and managed clinical data

**Franco Narni** coordinated research and drafted the manuscript

**Claudio Tripodo** generated figure 3A and revised the manuscript

**Mario Luppi** coordinated research and drafted the manuscript

**Andrea Cossarizza** analyzed and interpreted flow cytometric data, and drafted the manuscript

**Roberto Marasca** designed the research, coordinated research and drafted the manuscript